CATALOGUE **2019**

Italian Company Since 1956

OLIMPIA SPLENDID
HOME OF COMFORT

Company

Olimpia Splendid has introduced its air conditioning and heating products on the international markets. The Group, which today owns more than 11 registered patents, aims to offer innovative integrated systems for residential air treatment, with its customary commitment towards the development of efficient, innovative and renewable solutions.
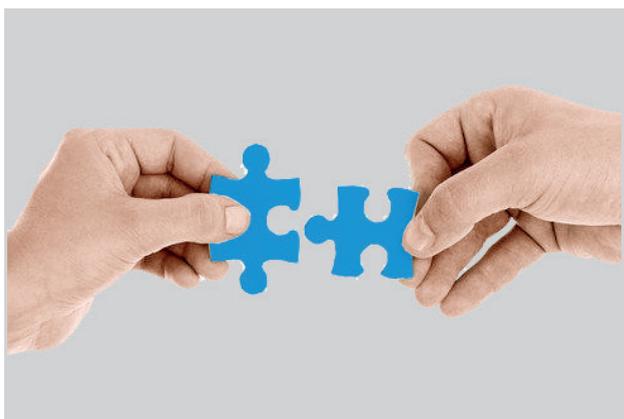
Vision

Our goal is to bring the wellbeing of all-round comfort into the lives of our customers all over the world, by satisfying their needs both at home and in the and professional field.

Mission

We design and build our products with respect for the environment, developing intelligent, efficient, innovative solutions with great aesthetics.

Values

Innovation, Design, Sustainability and the value of People are the pillars on which for the past 60 years our company built a history made of growth and enthusiasm.

INNOVATION

Innovation for us is synonym of creating engineering solutions with cutting-edge technology, by integrating them with the most refined design. We create our products relying upon the strictest product protocols; every year we invest in research and development, with the purpose of developing our one of a kind patents.

4 CAMERE CALORIMETRICHE

5% FATTURATO INVESTITO IN R&D OGNI ANNO*

50+ MARCHI REGISTRATI

DESIGN

We create projects which are completely integrated in every environment, thanks to a thought out and refined aesthetic.
Our Made in Italy has been recognized and awarded internationally.

10+ DESIGN AWARDS

SUSTAINABILITY

We believe that technologic progress should go hand in hand with the respect of natural resources. Olimpia Splendid is a founding member and supporter of: Ecoped and Ridomus.
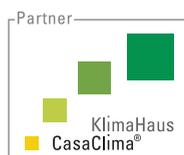
ECOPED CONSORZIO NAZIONALE RICICLO PICCOLI ELETTRODOMESTICI

ridomus consorzio ricido condizionatori per uso domestico

PEOPLE

We created our company by developing technology and managerial skills, but we always built our activity on the intrinsic value of people. We invest in resources the whole Group can believe in and trust, so that our efficiency and quality are the result of our experience.

Agency Partner CasaClima - KlimaHaus

OLIMPIA SPLENDID
HOME OF COMFORT

Partner
KlimaHaus
CasaClima®

Company

Us

"The success of any company, or of a community, stems from the values that inspire it. Seriousness, competence, commitment, respect and responsibility are cornerstones for growth. Speaking for myself and my family, I would also add the spirit of sacrifice. Owners are expected to show even more responsibility, which is conveyed through their duty to put themselves at the service of the company. For this reason we never considered it an end but a way to fulfill our abilities and our ambitions."

Mr. Roberto Saccone — President - Extract of the speech given to the employees during Olimpia Splendid 60th anniversary celebration.

History

Founded in 1956 in Gualtieri as a family company, at the beginning Olimpia Splendid gains a foothold as a leading manufacturer of wooden, gas and paraffin heating units. In the '80s we began the development of our first air conditioning range, while in the 90s we became the second largest seller of portable air conditioners in Italy. Thanks to the intuition and the launch of our first air conditioner without external unit, UNICO, from 2000 onwards our company thrives, just like our goals.

For over 60 years Olimpia Splendid has brought its made in Italy products on the international markets with its customary commitment towards the development of efficient, innovative and renewable solutions. We have established 4 subsidiaries in China, France, Spain and Brasil and we export in over 50 countries worldwide.

the Group

OLIMPIA SPLENDID ITALY
Headquarters & Factory plant

OLIMPIA SPLENDID FRANCE S.A.R.L.
commercial branch

**OLIMPIA SPLENDID
AIR CONDITIONING (SHANGHAI) CO., LTD.**
commercial branch

OLIMPIA SPLENDID BRASIL
commercial branch

OLIMPIA SPLENDID IBERICA S.L.
commercial branch

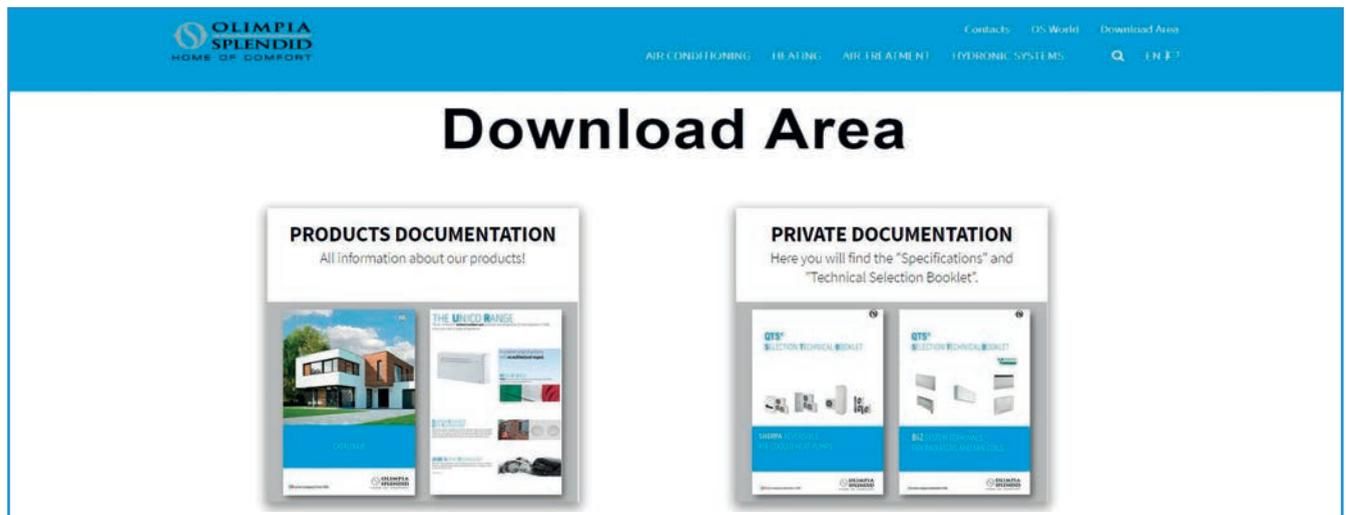**OLIMPIA SPLENDID USA Inc.**
commercial branch

A **W**orld of **C**ustomized **S**ervices

Download Area

All of the documentation necessary for installation and use of our machines can be found in the download area at **www.olimpiasplendid.com**

Reserved area

Do you need performance data and specifications relating to heat pumps and plant terminals? Access the **reserved area** for all necessary information.
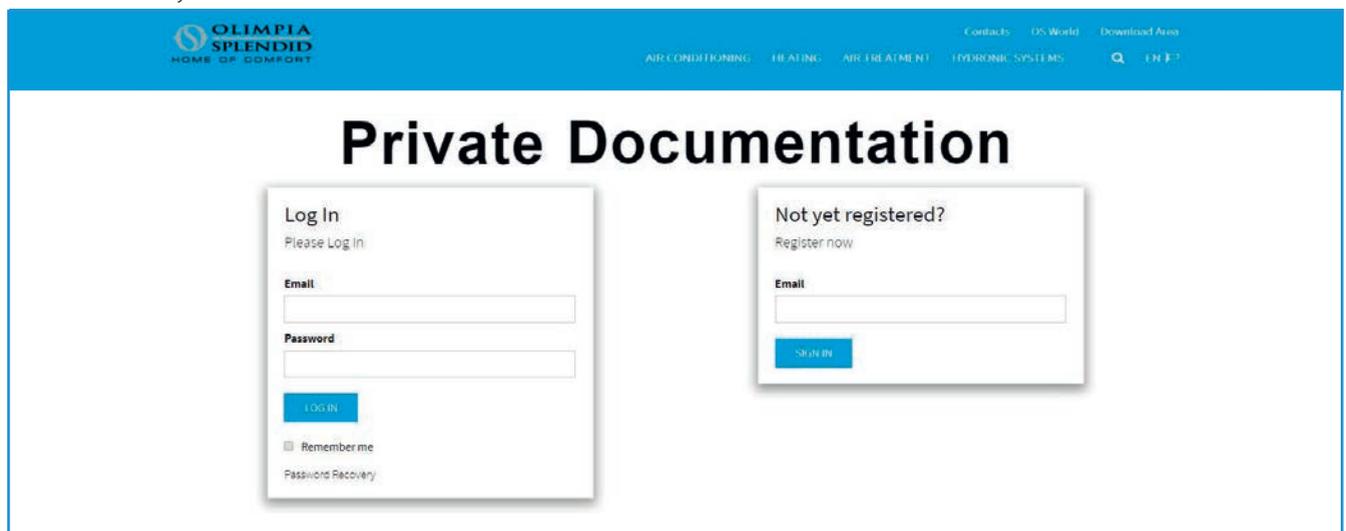
However, if you want additional information regarding our products, consult the "**products documentation**" section. Here, you will find the energy labels, templates use and installation manuals and product catalogue.

INDEX

ALPHABETICAL INDEX

SiOS
Olimpia **S**plendid
Integrated **S**ystems

SiOS

SHERPA
A Q U A D U E ®
air-water split heat pump **MULTIFUNCTIONAL**

SHERPA
AQUADUETOWER ®
air-water split heat pump **MULTIFUNCTIONAL**
with **BOILER 150 L INTEGRATED**

SHERPA
air-water **SPLIT** heat pump

Si
Integrated Systems

SHERPA
M O N O B L O C ®
air-water heat pump **MONOBLOC**

SHERPA
S H W ®
Water heater in **HEAT PUMP** mode

range
SHERPA HEAT PUMP

range
Bi2 TERMINAL UNIT

OLIMPIA SPLENDID
HOME OF COMFORT

B*i*2 wall
Fan coil **WALL INVERTER** ultraslim

C*i*2 wall

B*i*2
INVERTER, ULTRASLIM TOTAL FLAT
fan coil radiator with heating panel

B*i*2 naked
INVERTER RECESSED fan coil radiator with heating panel

OS
Olimpia Splendid

AQUADUE®
CONTROL
MANAGEMENT and **CONTROL** system
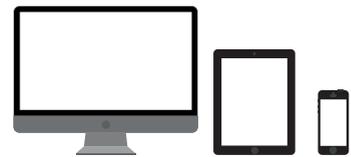
range
Sitali Decentralised CMV Units
CONTROLLED MECHANICAL VENTILATION
decentralised and with heat recovery

APP SiOS

SiOS Olimpia Splendid Integrated Systems

The system is composed of:

- Sherpa Heat Pump
- Bi2 terminal Unit
- Aquadue Domotic Control
- CMV decentralised Sitali
- Aquadue plants management and control system

App SiOS
Remote control

touch screen
control panel

FUNCTION

- LOW TEMP RADIATION
- VENTILATION HEATING
- COOLING
- DEHUMIDIFICATION
- AIR FILTERING
- SHW UP TO 75°C
- REMOTE SYSTEM MONITORING
- RECIRCULATION OF THE AIR
- MOULD PREVENTION
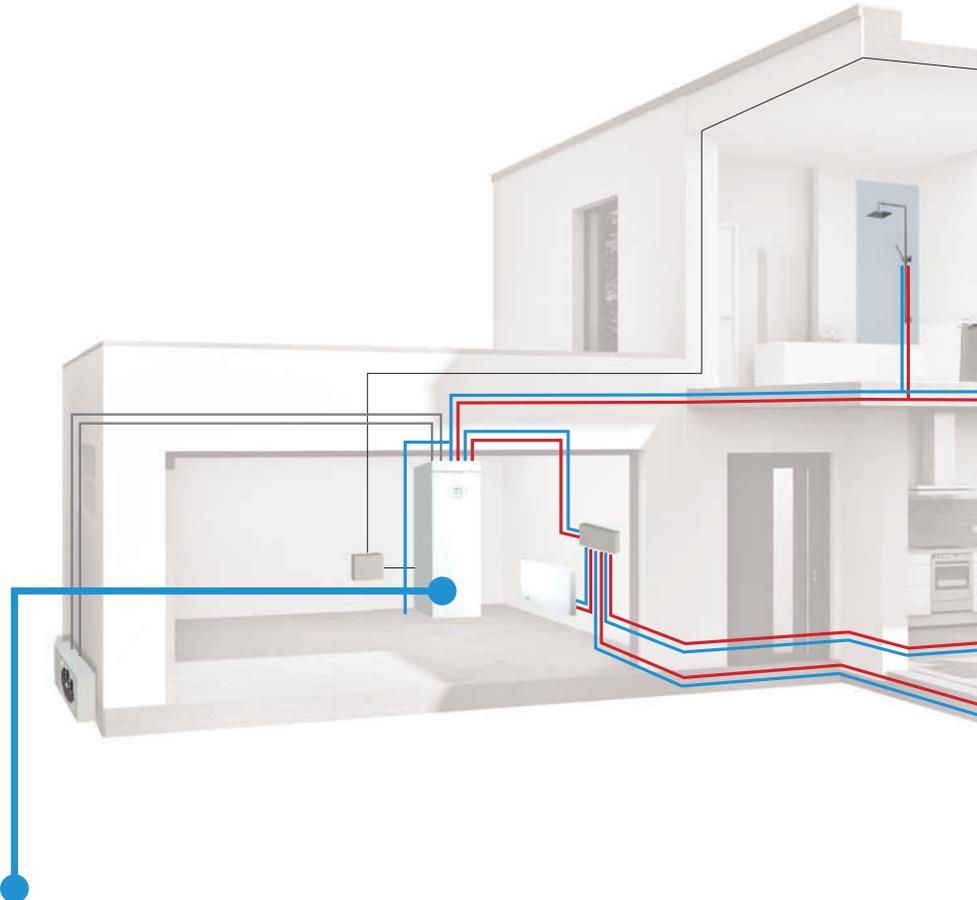
SHERPA AQUADUE TOWER®

HEATING, COOLING AND DHW AT 75°C ALL FROM RENEWABLE SOURCES

ACS 75° — 75°C DOMESTIC HOT WATER

DHW AND COMFORT AT THE SAME TIME

ANTILEGIONELLA CYCLES AVOIDABLE

TOUCH SCREEN USER INTERFACE

150 LT INTEGRATED BOILER

traditional heat pump

55% | 45%

■ Renewable share
■ Non renewable share

Sherpa AQUADUE® Tower heat pump

45% | 55%
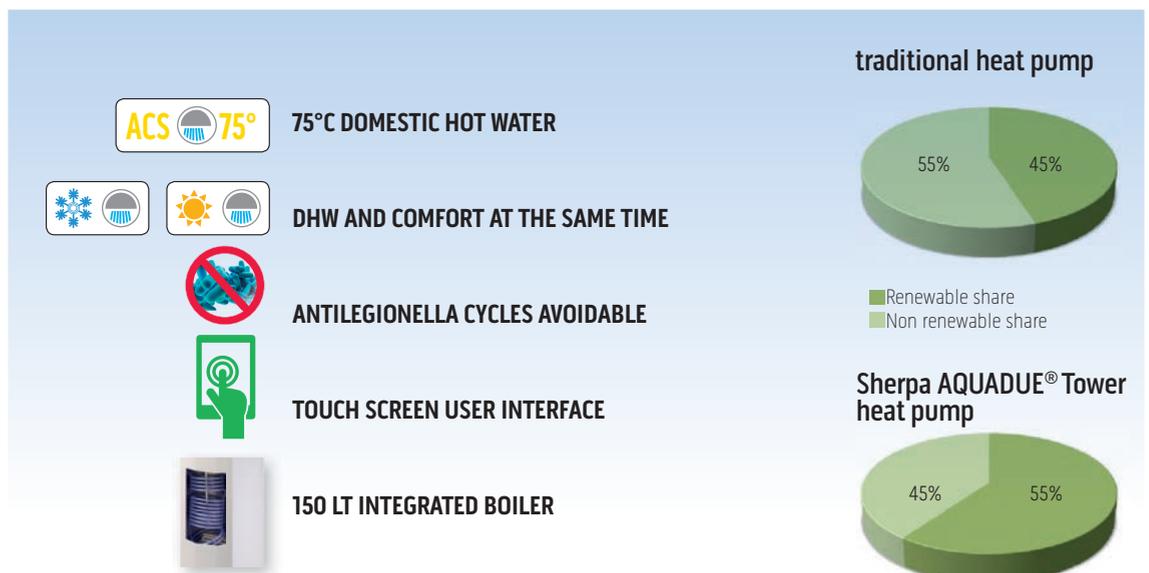
Sitali
DECENTRALISED RESIDENTIAL CONTROLLED MECHANICAL VENTILATION SYSTEM
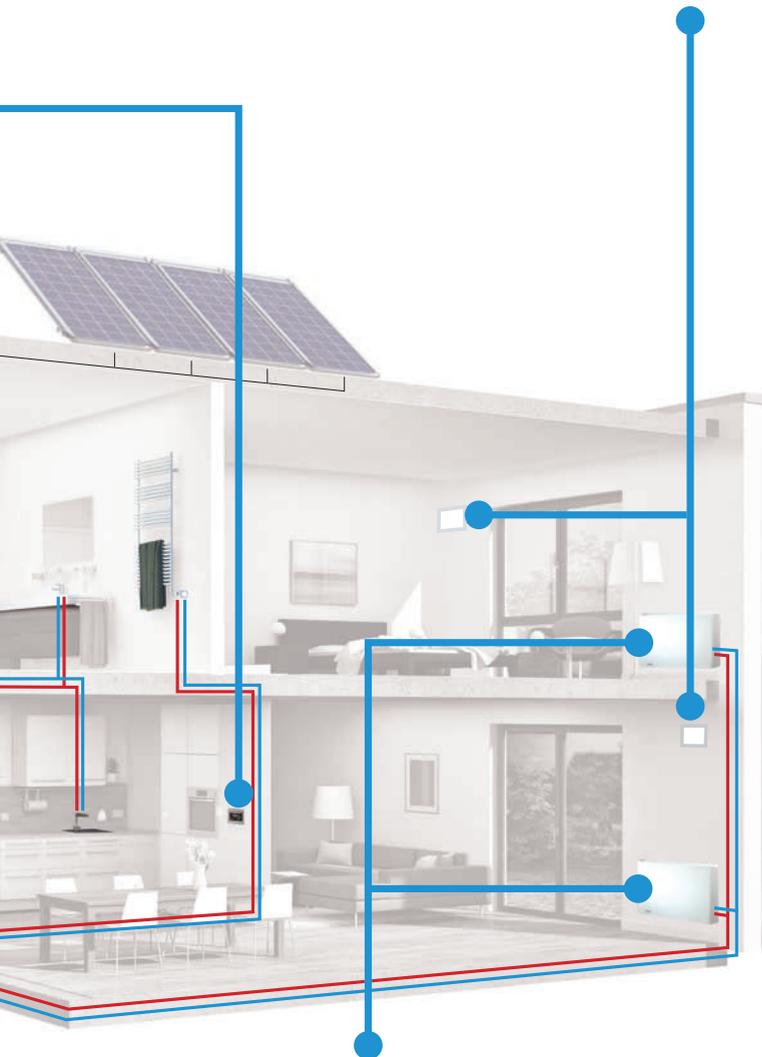
FEATURES

- Configuration management and control of the plant (Laptop, smartphone and tablet)
- Cooling, Heating, Production and stocking of high temperature SHW up to 75°C*
- Complete comfort: simultaneous air conditioning and production of DHW*
- Production of high temperature DHW guaranteed independently from outdoor climatic conditions and without the need for integration
- 40°C SHW supply up to 3,6 days**
- Heating via radiation or ventilation
- Summer air conditioning and dehumidification
- deuhumidification (also combined with floor heating***)
- Decentralised, controlled mechanical ventilation system with heat recovery for ventilation

* Only Sherpa Aquadue e Sherpa Aquadue Tower model
** Qref 2,1 kWh / day/boiler 150lt regulation EN16147, 2015 only Sherpa Aquadue Tower model
*** Floor heating not included in the system

B*i*2
TERMINAL FOR ANNUAL AIR CONDITIONING WITH RADIANT PANEL

Radiant technology: comparison with other systems:
- An average higher surface temperature that means greater radiation capacity
- Greater uniformity in surface warming and therefore a wider radiating surface
- Amplification of natural convection
- A reduction of water content for a faster system flow

PATENTED
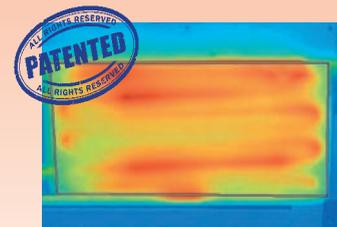
Tubular heating panel OS
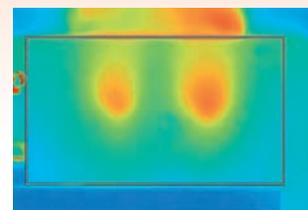
non-hydronics radiant systems

Aquadue **C**ontrol

Management and **control** system of the air-conditioning/heating installation and domestic hot water production.

WHAT IS AQUADUE® CONTROL ?

It is the home automation management system designed by Olimpia Splendid for highly energy-efficient residential installations. It integrates all Olimpia Splendid's hydronic systems: Bi2, the ultraslim terminals with heating panels, and Sherpa inverter heat pumps are more integrated and efficient. AQUADUE® CONTROL can autoconfigure, control, and manage all its functions:
- ventilated or irradiated heating
- cooling
- dehumidification
- hot water production

AQUADUE® CONTROL integrates the energy advantages of the heat pump generators with the comfort advantages of the Bi2 terminals adding the possibility to manage each unit locally, as well as remotely.

DOMOTIC CONTROL TO MAXIMIZE COMFORT
- climate integration between heat pump generators and FAN COIL RADIATOR system terminals
- Selection of dedicated comfort zones
- Weekly programming
- 3 "special programs" for diverse comfort needs
- Up to 192 units under control
- Remotization from smartphone / tablet using APP for iOS and Android
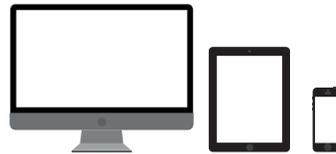
MULTIZONE , MULTICOMFORT

Thanks to the icon interface, the access to heat pump generators and to terminal units is immediate and extremely simple, and
their management is integrated and under control..
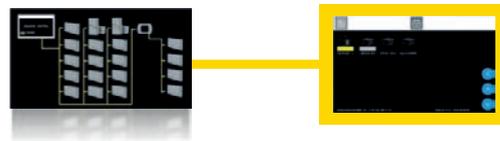
AUTOPLAY

Independently identifies system units organizing them by type and environment and also groups and renames them according to user needs.

MULTIZONE, MULTICONTROL

For each group of generators or system terminals you can check and adjust:
- Operation mode
- Set points
- Temperatures levels of the water system
- Levels of ambient temperatures and climatic curves
- Programs

FEATURES

Compatible with the full Olimpia Splendid hydronic range - Bi2 and Sherpa heat pumps

Multiple access levels: single access levels with password ensure different editing and intervention access

Multi-zone control: heat pump generators control, control of each individual system terminal or system terminal groups

Management of potential back-up thermal groups or other elements, such as circulators

Operating modes display and alarms

Clock thermostat with weekly or daily programming

Heat pump generators climate curve integration with configured comfort levels

Simplified interconnection thanks to CPU board contacts

Integration with BACnet module

Management of up to 192 units

Remote system supervision **via app**

CPU containing **Ethernet TCP/IP**

CPU CONTROL

The CPU has two Ethernet ports for connection to a personal computer or a TCP / IP network or router / switch for remote management, including preconfigured OS application.

AQUADUE TOUCH

7" touch screen wall interface.
Optional device.

LIVING COMFORT, MAXIMUM ENERGY SAVING

With Aquadue control you can select five modes of operation with optimized algorithms with climatic heat pump curves which maximize energy savings
- heating comfort
- heating economy
- cooling comfort
- cooling economy
- automatic
Thanks to the interactive calendar these operations can be inserted
In weekly and hourly programming.

At the single unit system level you can supervise and configure:
- Ambient Temperature Display
- Set point temperature
- Operating mode (heat, cold, auto)
- Speed ventilation: minimum, maximum, modulated
- Night Function (eliminates ventilation and maintains temperature thanks to irradiation, ensuring maximum comfort and zero noise)
- Direct terminal switch off

HEAT PUMPS

The **S**HERPA Range

		MULTIFUNCTIONAL		TRADITIONAL	
		integrated boiler	external boiler	integrated boiler	external boiler
COMFORT + DHW	**SPLIT**	**Aquadue Tower** **pag. 22** - DHW 75°C - heating/cooling and DHW at the same time; it avoids interruptions in the domestic comfort supply	**Sherpa Aquadue** **pag. 18** - DHW 75°C - heating/cooling and DHW at the same time; it avoids interruptions in the domestic comfort supply		**Sherpa** **pag. 32** - DHW 60°C - Comfort or DHW
	MONOBLOC				**Monobloc** **pag. 28** - DHW 60°C - Comfort or DHW
DHW	**BASAMENTO**			**Sherpa SHW** **pag. 36** - DHW 65°C	

Compatibility accessories and boilers for heat pumps

	Description	Code kit	SHERPA	SHERPA AQUADUE TOWER	SHERPA AQUADUE	SHERPA MONOBLOC	SHERPA SHW
CONTROLS AND ACCESSORIES KIT	Remote control	B0812				X	
	Heating cable kit	B0665	X	X	X		
	3-way valve kit for domestic hot water	B0622	X			X	
	Outdoor air temperature sensor kit	B0814				X	
	Outdoor air temperature sensor kit	B0623	X	Included standard	Included standard		
	DHW boiler sensor kit	B0624	X	Included standard	Included standard		
	1"F flow meter kit	B0841					x
	Temperature probe kit	B0842					x
BOILER	DHW boiler 200 lt standard	01193	X		X	X	
	DHW boiler 300 lt standard	01194	X		X	X	
	DHW boiler 200 lt high efficency	01804	X		X	X	
	DHW boiler 300 lt high efficency	01805	X		X	X	
	DHW boiler 300 lt high efficency and solar	01806	X		X	X	
	DHW boiler 300 lt hybrid	01807	X		X	X	
	DHW boiler 300 lt hybrid and solar	01808	X		X	X	
	Resistance for boiler 2kW	B0618	X			X	
	Resistance for boiler 3kW	B0666	X			X	
	Puffer inertial tank 50 lt	01199	X	X	X	X	
	Puffer inertial tank 100 lt	01200	X	X	X	X	

SHERPA AQUADUE®

The **multifunctional** air-water split heat pump.

PATENTED TECHNOLOGY

The combination of an inverter air-water heat pump together with a water-water heat pump allows heating/cooling and high temperature DHW production, independently from the outside weather conditions.

COP > 4   **DHW 75°C**

Energy class: **35° A+**   **55° A+**

FEATURES

DHW (Domestic Hot Water) production at a high temperature, up to 75 ° C.

DHW management: a group of water-water heat pumps integrated in the indoor unit provides domestic hot water at a high temperature regardless of external weather conditions.

Continuous absolute availablity of DHW: guaranteed by the redundance of the double refrigerating circuit system.

Antilegionella cycles avoidable using the refrigeration cycle at high temperature.

2-stage electric heater: single or double strength activation to support the heat pump through a simple configuration of the electronic control.
Each stage is activated according to the actual need of thermal power in order to optimize power consumption.

Configurable points: two set points in cooling mode Three set points in heating mode (one of them for DHW): the set points are also selectable by remote contact.

Weekly programmer DHW, holidays and daily with night mode.

Climatic curves with outside air temperature sensor: two curves are available, one for cooling and one for heating. Climatic curves allow you to modify system water temperature supply depending on climate conditions, adapting the heat requirements of the building in order to obtain energy savings.

Refrigerant gas: R410A* for the reversible circuit dedicated to air-conditioning and R134a** for the high temperature circuit dedicated to DHW production.

DHW AND COMFORT AT THE SAME TIME

The two interconnected refrigerator cycles allow the decoupling of the heating/cooling from the DHW production, enabling them to operate in parallel, avoiding thus interruptions in the domestic comfort supply.

ACS 75°

75°C DOMESTIC HOT WATER

High teZ performed through the use of electrical resistances.

TOUCH SCREEN USER INTERFACE

Sherpa AQUADUE® control is extremely flexible and configurable, and it allows to:
- customize the response limits of the two cycles at installation
- customize comfort and DHW needs at installation
- optimize energy performances by managing the operation of the double refrigeration circuit.

Compatible with:

A Q U A D U E ®
CONTROL

HEATING MODE
+ DHW at high temperature

DHW production is guaranteed independently from the outside temperature for an optimal operation throughout the year, which is not guaranteed by traditional heat pumps.

COOLING MODE
+ DHW at a high temperature with energy recovery

The energy normally dissipated outside is recovered and used to produce DHW up to 75 ° C.

DHW Module

75°C
DHW
the water-water cycle used for domestic use exchanges with the air conditioning system return water.

40°C
COMFORT
the air-water cycle is used for uninterrupted COMFORT and DHW production.

DHW Module

75°C
DHW

Energy recovered

7°C
COMFORT

RENEWABLE SHARE COVERAGE FOR DHW PRODUCTION WITHOUT ADDITIONAL EQUIPMENT - RES DIRECTIVE

AQUADUE® technology thanks to efficient heat management guarantees, in buildings of a high energy class, the coverage share from renewable energy (Legislative Decree 28/2011) without the installation of additional devices.

Traditional heat pump

55% 45%
- Renewable share
- Non renewable share

Sherpa AQUADUE® heat pump

45% 55%
- Renewable share
- Non renewable share

1. Support structure
2. Primary circuit system heat exchanger
3. Expansion tank system circuit
4. Electric resistors collector
5. Primary circuit electronic circulation pump
6. 3-way valve
7. Secondary circuit compressor (DHW)
8. Expansion valve circuit DHW
9. Heat exchanger circuit DHW
10. DHW circuit electronic circulation pump
11. Flow regulator
12. Gauge
13. Flow gauge
14. Automatic safety vent
15. Refrigerant connections
16. Water connections (system and external boiler)
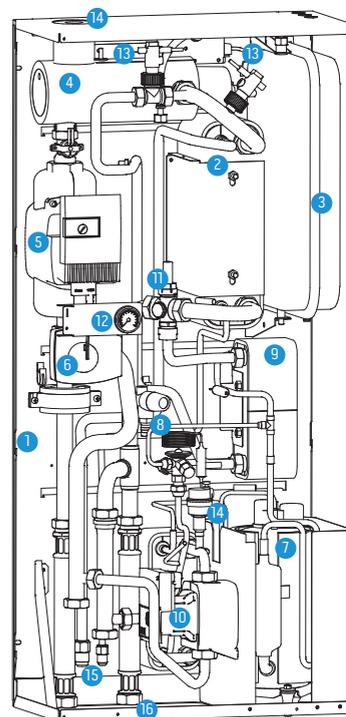
STANDARD EQUIPMENT:
- Outside temperature sensor kit
- DHW boiler sensor kit

SHERPA AQUADUE®

		AQUADUE 7	AQUADUE 11	AQUADUE 13	AQUADUE 13T	AQUADUE 16	AQUADUE 16T
Indoor unit	Code	599510A		599506A			
Outdoor Unit S1	Code	OS CESHH24EI	OS CESHH36EI	OS CESHH48EI	OS CESTH48EI	OS CESHH60EI	OS CESTH60EI
Refrigerant/water exchanger		Brazed plates	Brazed plates	Brazed plates	Brazed plates	Brazed plates	Brazed plates
Heating capacity (a)	kW	6,50	10,50	12,50	12,50	14	16
COP (a)	W/W	4,12	4,14	4,12	4,12	4,11	4,11
Heating capacity (b)	kW	4,30	7,20	8	8	8,50	9,20
COP (b)	W/W	2,60	2,65	2,70	2,70	2,40	2,50
Heating capacity (c)	kW	6,50	9,90	12,50	12,50	13,30	14
COP (c)	W/W	3,40	3,14	3,21	3,21	3,10	3,10
Heating capacity (d)	kW	3,8 0	6,20	7,20	7,20	8,50	9
COP (d)	W/W	2,30	2	2,10	2,10	2,10	2,10
Cooling capacity (e)	kW	7,90	11,80	12,30	12,50	13,50	15
EER (e)	W/W	4,50	4,40	4	4,10	3,80	4
Cooling capacity (f)	kW	5,60	8,10	10,40	10,40	11,30	12,80
EER (f)	W/W	3,10	3,08	3	3	2,70	2,80
Energy efficiency class heating mode 35°/55 °C		A+ A+	A+ A+	A+ A+	A+ A+	A+ A+	A+ A+
DHW circuit heating capacity (g)	kW	2,15	2,15	2,15	2,15	2,15	2,15
COP (g)	W/W	3,12	3,12	3,12	3,12	3,12	3,12
DHW circuit heating capacity (h)	kW	1,60	1,60	1,60	1,60	1,60	1,60
COP (h)	W/W	2,58	2,58	2,58	2,58	2,58	2,58
Sound pressure of indoor unit (i)	dB(A)	35	35	35	35	35	35
Sound power indoor unit	dB(A)	41	41	41	41	41	41
Sound power of indoor unit in heat. or cool. and DHW mode	dB(A)	47	47	47	47	47	47
Sound pressure outdoor unit (I)	dB(A)	54/55	56/58	60/60	60/60	60/60	60/62
Sound power outdoor unit	dB(A)	64/65	66/68	70/70	70/70	70/70	70/72
Diameter refrigerant connections	"	3/8-5/8	3/8-5/8	3/8-5/8	3/8-5/8	3/8-5/8	3/8-5/8
Circulator absorption DHW	W	16-43	16-43	16-43	16-43	16-43	16-43
System circulator absorption	W	40-130	40-130	40-130	40-130	40-130	40-130
Capacity of expansion vessel	l	8	8	8	8	8	8
Power supply of indoor unit	V/ph/ Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Maximum current absorption indoor unit (electrical heaters activated)	A	18,0	18,0	31,0	31,0	31,0	31,0
Maximum current absorption indoor unit(electrical heaters deactivated)	A	5,0	5,0	5,0	5,0	5,0	5,0
Additional electrical heater elements	kW	1,5 + 1,5	1,5 + 1,5	3 + 3	3 + 3	3 + 3	3 + 3
Hydraulic connections	"	1	1	1	1	1	1
Outdoor unit power supply	V/ph/ Hz	230/1/50	230/1/50	230/1/50	400/3/50	230/1/50	400/3/50
Outdoor unit maximum absorbed current	A	13,50	22	28	8,15	28	11,50
Refrigerant gas (system circuit) (m)		R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant gas charge (outdoor unit)	Kg	1,95	3,20	4,00	4,00	4,00	4,30
Refrigerant gas (DHW circuit) (n)		R134a	R134a	R134a	R134a	R134a	R134a

(a) Heating mode, inlet/outlet water temperature 30°C/35°C, outdoor air temperature 7°C d.b./6°C w.b.
(b) Heating mode, inlet/outlet water temperature 30°C/35°C, outdoor air temperature -2°C d.b./-1°C w.b.
(c) Heating mode, inlet/outlet water temperature 40°C/45°C, outdoor air temperature 7°C d.b./6°C w.b.
(d) Heating mode, inlet/outlet water temperature 40°C/45°C, outdoor air temperature -2°C d.b./-1°C w.b.
(e) Cooling mode, inlet/outlet water temperature 23°C/18°C, outdoor air temperature 35°C
(f) Cooling mode, inlet/outlet water temperature 12°C/7°C, outdoor air temperature 35°C

(g) Water outlet temperature 55°C/water temperature heating circuit 35°C
(h) Water outlet temperature 55°C/water temperature heating circuit 12°C
(i) Sound pressure values measured at a distance of 4 m in a free field
(I) Sound pressure values measured at a distance of 1 m in semi-anechoic chamber
(m) Equipment not hermetically sealed containing fluorinated gases with an equivalent GWP of 2088
(n) Equipment hermetically sealed containing fluorinated gases with an equivalent GWP of 1430

	7				11				13				13T				16				16T			
	cooling capaci-ty(kW)	Dhw capacity (kW)	Absorp-tion (kW)	EER COP	cooling capaci-ty(kW)	Dhw capacity (kW)	Absorp-tion (kW)	EER COP	cooling capaci-ty(kW)	Dhw capacity (kW)	Absorp-tion (kW)	EER COP	cooling capaci-ty(kW)	Dhw capacity (kW)	Absorp-tion (kW)	EER COP	cooling capaci-ty(kW)	Dhw capacity (kW)	Absorp-tion (kW)	EER COP	cooling capaci-ty(kW)	Dhw capacity (kW)	Absorp-tion (kW)	EER COP
Cooling W7 A35	5,60	0,00	1,81	3,1	8,10	0,00	2,63	3,1	10,40	0,00	3,47	3,0	10,40	0,00	3,47	3,0	11,30	0,00	4,19	2,7	12,80	0,00	4,57	2,8
Dhw W65/W12	0,64	1,28	0,56	2,3	0,64	1,28	0,56	2,3	0,64	1,28	0,56	2,3	0,64	1,28	0,56	2,3	0,64	1,28	0,56	2,3	0,64	1,28	0,56	2,3
Cooling W7 A35 and DHW W65/W12	5,60	1,28	1,55	3,6	8,10	1,28	2,35	3,4	10,40	1,28	3,16	3,3	10,40	3,16	3,16	3,3	11,30	1,28	3,65	3,1	12,80	1,28	4,23	3,0

COOLING + DHW WITH ENERGY RECOVERY

During summer operation in cooling mode, the cycle dedicated to DHW production extracts heat from return water from the system circuit.

The cooling requirements of the building is partially satisfied by the DHW cycle and the comfort refrigerating cycle must deliver less power by reducing the speed of the inverter compressor.

The heat taken from the system is recovered in hot water for domestic use.
The efficiency of the integrated system increases (ratio between the energy produced and the energy absorbed from the mains).

OLIMPIA SPLENDID
HOME OF COMFORT

LOADING TIME OF BOILERS with 15-65 °C water
The patented Aquadue® double cycle allows rapid loading times of boilers, up to 40% faster than an equally capacious heat pump boiler.*

Aquadue® **7** Loading time of boilers
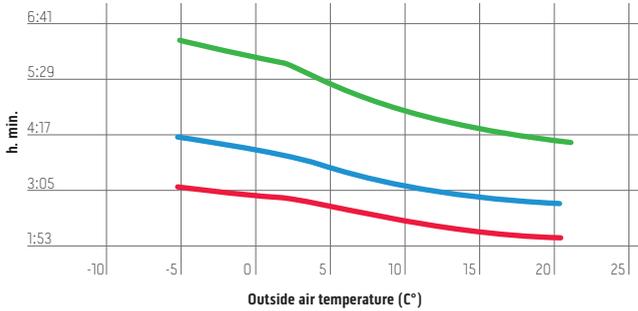
Aquadue® **11** Loading time of boilers
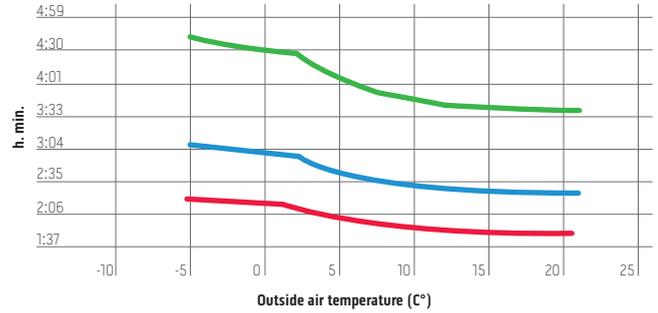
Aquadue® **13/13T** Loading time of boilers
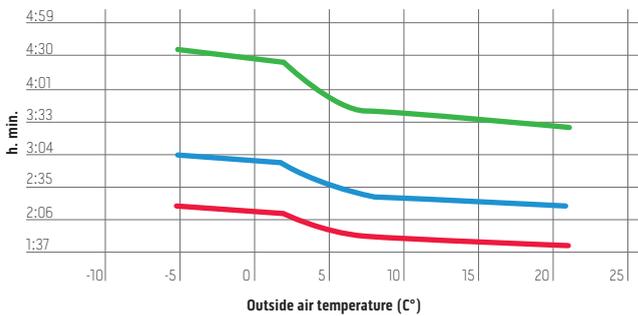
Aquadue® **16** Loading time of boilers
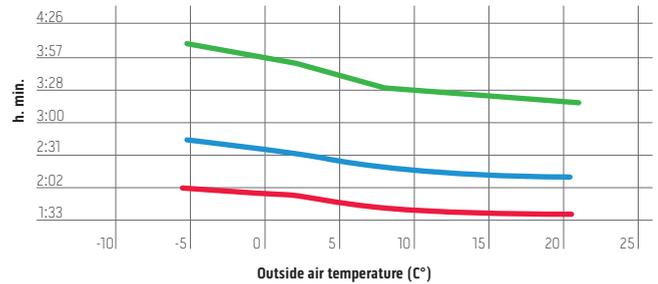
— 300 liters tank   — 200 liters tank   — 150 liters tank

INTERNAL UNIT

		AQUADUE 7	AQUADUE 11	AQUADUE 13	AQUADUE 13T	AQUADUE 16	AQUADUE 16T
		SMALL		BIG			
A	mm	500	500	500	500	500	500
B	mm	280	280	280	280	280	280
C	mm	288	288	288	288	288	288
H	mm	1116	1116	1116	1116	1116	1116
Weight	kg	70	70	72	72	72	72

EXTERNAL UNIT S1

		7	11	13	13T	16	16T
		CESHH24EI	CESHH36EI	CESHH48EI	CESTH48EI	CESHH60EI	CESTH60EI
		MONO-FAN		BIG			
A	mm	845	946	952	952	952	952
B	mm	914	1030	1045	1045	1045	1045
C	mm	540	673	634	634	634	634
D	mm	363	410	415	415	415	415
E	mm	350	403	404	404	404	404
F	mm	915	1036	1032	1032	1032	1032
H	mm	702	810	1333	1333	1333	1333
Weight	kg	49	67	95	108	95	113

Code B0665 - HEATING CABLE KIT
Prevents the formation of ice on the bottom of the external unit in the event of prolonged operation in particularly severe conditions.

SHERPA AQUADUETOWER®

Air-water split heat pump MULTIFUNCTIONAL with BOILER 150 L INTEGRATED

PATENTED TECHNOLOGY

The combination of an inverter air-water heat pump together with a water-water heat pump allows heating/cooling and high temperature DHW production, independently from the outside weather conditions.

COP > 4   **DHW 75°C**

Energy class: **35° A+**   **55° A+**   **55° per ACS A+**

FEATURES

DHW (Domestic Hot Water) production at a high temperature, up to 75 ° C in the integrated boiler.

DHW management: a group of water-water heat pumps integrated in the indoor unit provides domestic hot water at a high temperature regardless of external weather conditions.

Continuous absolute availablity of DHW: guaranteed by the redundance of the double refrigerating circuit system.

Antilegionella cycles avoidable using the refrigeration cycle at high temperature.

2-stage electric heater: single or double strength activation to support the heat pump through a simple configuration of the electronic control.
Each stage is activated according to the actual need of thermal power in order to optimize power consumption.

Configurable points: two set points in cooling mode Three set points in heating mode (one of them for DHW): the set points are also selectable by remote contact.

Weekly programmer DHW, holidays and daily with night mode.

Climatic curves with outside air temperature sensor: two curves are available, one for cooling and one for heating. Climatic curves allow you to modify system water temperature supply depending on climate conditions, adapting the heat requirements of the building in order to obtain energy savings.

Refrigerant gas: R410A[1] for the reversible circuit dedicated to air-conditioning and R134a[2] for the high temperature circuit dedicated to DHW production.

150 l integrated high-efficiency boiler

Production of mixed DHW at 40° up to 3,6 days[3]

DHW AND COMFORT AT THE SAME TIME

The two interconnected refrigerator cycles allow the decoupling of the heating/cooling from the DHW production, enabling them to operate in parallel, avoiding thus interruptions in the domestic comfort supply.

ACS 75°

75°C DOMESTIC HOT WATER

High temperature DHW storage allows a reduction of the boiler volume up to 30%, to heat bathroom heater radiators and avoids highly energyconsumpting anti-legionella cycles that are normally performed through the use of electrical resistances.

TOUCH SCREEN USER INTERFACE

Sherpa AQUADUE® TOWER control is extremely flexible and configurable, and it allows to:
- customize the response limits of the two cycles at installation
- customize comfort and DHW needs at installation
- optimize energy performances by managing the operation of the double refrigeration circuit.

Compatible with:

AQUADUE®
CONTROL

HEATING MODE
+ DHW at high temperature

DHW production is guaranteed independently from the outside temperature for an optimal operation throughout the year, which is not guaranteed by traditional heat pumps.

COOLING MODE
+ DHW at a high temperature with energy recovery

The energy normally dissipated outside is recovered and used to produce DHW up to 75 ° C.

DHW Module 75°C

DHW

the water-water cycle used for domestic use exchanges with the air conditioning system return water.

40°C

COMFORT the air-water cycle is used for uninterrupted COMFORT and DHW production.

DHW Module 75°C

DHW

Energy recovery 7°C

COMFORT

RENEWABLE SHARE COVERAGE FOR DHW PRODUCTION WITHOUT ADDITIONAL EQUIPMENT - RES DIRECTIVE

AQUADUE® technology thanks to efficient heat management guarantees, in buildings of a high energy class, the coverage share from renewable energy (Legislative Decree 28/2011) without the installation of additional devices.

Traditional heat pump

55% 45%

■ Renewable share
■ Non renewable share

Sherpa AQUADUE® heat pump

45% 55%

■ Renewable share
■ Non renewable share

1 Support structure
2 Primary circuit system heat exchanger
3 Expansion tank system circuit
4 Electric resistors collector
5 Primary circuit electronic circulation pump
6 3-way valve
7 Circuit compressor DHW
8 Expansion valve circuit DHW
9 Heat exchanger circuit DHW
10 DHW circuit electronic circulation pump
11 Flow regulator
12 Gauge
13 Flow gauge
14 Automatic safety vent
15 Refrigerant connections
16 Water connections (system and external boiler)
17 DHW circuit technical water automatic filling
18 DHW expansion vessel
19 Cylinder for domestic hot water
20 Electric control board
STANDARD EQUIPMENT:
- Outside temperature sensor kit
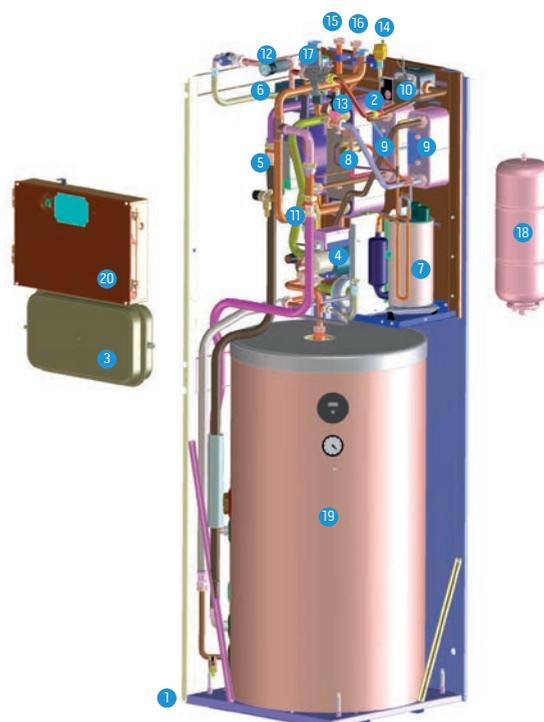
SHERPA AQUADUETOWER ®

Indoor unit	Cod.	AQUADUE TOWER 7	AQUADUE TOWER 11	AQUADUE TOWER 13	AQUADUE TOWER 13T	AQUADUE TOWER 16	AQUADUE TOWER 16T
Indoor unit	Cod.	599513A		599512A			
Outdoor Unit S1	Cod.	OS CESHH24EI	OS CESHH36EI	OS CESHH48EI	OS CESTH48EI	OS CESHH60EI	OS CESTH60EI
Refrigerant/water exchanger		Brazed plates	Brazed plates	Brazed plates	Brazed plates	Brazed plates	Brazed plates
Heating capacity (a)	kW	6,50	10,50	12,50	12,50	14	16
COP (a)	W/W	4,10	4,10	4,10	4,10	4,10	4,10
Heating capacity (b)	kW	5	8,30	10	10	10,50	12
COP (b)	W/W	3,10	3,20	3,10	3,10	2,90	2,90
Heating capacity (c)	kW	6,20	9,90	11,60	11,60	13	14,60
COP (c)	W/W	3,40	3,20	3,30	3,30	3,20	3
Heating capacity (d)	kW	4,80	7,80	9,30	9,30	9,80	10,90
COP (d)	W/W	2,50	2,30	2,20	2,20	2,30	2,20
Cooling capacity (e)	kW	7,60	12,10	12,60	12,80	13,80	15,30
EER (e)	W/W	4	4,40	3,50	3,50	3,10	3,20
Cooling capacity (f)	kW	5,60	8,10	10,40	10,40	11,30	12,80
EER (f)	W/W	3,10	3,10	3	3	2,70	2,80
Energy efficiency class heating mode 35°/55 °C		A+ A+	A+ A+	A+ A+	A+ A+	A+ A+	A+ A+
DHW circuit heating capacity (g)	kW	2,15	2,15	2,15	2,15	2,15	2,15
COP (g)	W/W	3,12	3,12	3,12	3,12	3,12	3,12
DHW circuit heating capacity (h)	kW	1,60	1,60	1,60	1,60	1,60	1,60
COP (h)	W/W	2,58	2,58	2,58	2,58	2,58	2,58
Sound pressure of indoor unit (i)	dB(A)	35	35	35	35	35	35
Sound power indoor unit	dB(A)	41	41	41	41	41	41
Sound power of indoor unit in heat. or cool. and DHW mode	dB(A)	47	47	47	47	47	47
Sound pressure outdoor unit (l)	dB(A)	54/55	56/58	60/60	60/60	60/60	60/62
Sound power outdoor unit	dB(A)	64/65	66/68	70/70	70/70	70/70	70/72
Diameter refrigerant connections	"	3/8-5/8	3/8-5/8	3/8-5/8	3/8-5/8	3/8-5/8	3/8-5/8
Circulator absorption DHW	W	16-43	16-43	16-43	16-43	16-43	16-43
System circulator absorption	W	40-130	40-130	40-130	40-130	40-130	40-130
Capacity of expansion vessel	l	8	8	8	8	8	8
Capacity of expansion vessel DHW	l	7	7	7	7	7	7
Power supply of indoor unit	V/ph/ Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Maximum current absorption indoor unit (electrical heaters activated)	A	18,0	18,0	31,0	31,0	31,0	31,0
Maximum current absorption indoor unit(electrical heaters deactivated)	A	5,0	5,0	5,0	5,0	5,0	5,0
Additional electrical heater elements	kW	1,5 + 1,5	1,5 + 1,5	3 + 3	3 + 3	3 + 3	3 + 3
Hydraulic connections	"	1	1	1	1	1	1
Outdoor unit power supply	V/ph/ Hz	230/1/50	230/1/50	230/1/50	400/3/50	230/1/50	400/3/50
Outdoor unit maximum absorbed current	A	13,5	22	28	8,15	28	11,5
Hydraulic connections DHW	"	3/4	3/4	3/4	3/4	3/4	3/4
Refrigerant gas (system circuit) (m)		R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant gas charge (outdoor unit)	Kg	2,10	2,75	4,45	4,00	4,45	4,20
Refrigerant gas (DHW circuit) (n)		R134a	R134a	R134a	R134a	R134a	R134a
DHW tank capacity	l	150	150	150	150	150	150
Tank interior surface		Glazed steel					
Tank heat exchanger		Steel pipe					
Tank insulation		Hard expanded polyurethane					

(a) Heating mode, inlet/outlet water temperature 30°C/35°C, outdoor air temperature 7°C d.b./6°C w.b.
(b) Heating mode, inlet/outlet water temperature 30°C/35°C, outdoor air temperature -2°C d.b./-1°C w.b.
(c) Heating mode, inlet/outlet water temperature 40°C/45°C, outdoor air temperature 7°C d.b./6°C w.b.
(d) Heating mode, inlet/outlet water temperature 40°C/45°C, outdoor air temperature -2°C d.b./-1°C w.b.
(e) Cooling mode, inlet/outlet water temperature 23°C/18°C, outdoor air temperature 35°C
(f) Cooling mode, inlet/outlet water temperature 12°C/7°C, outdoor air temperature 35°C

(g) Water outlet temperature 55°C/water temperature heating circuit 35°C
(h) Water outlet temperature 55°C/water temperature heating circuit 12°C
(i) Sound pressure values measured at a distance of 4 m in a free field
(l) Sound pressure values measured at a distance of 1 m in semi-anechoic chamber
(m) Equipment not hermetically sealed containing fluorinated gases with an equivalent GWP of 2088
(n) Equipment hermetically sealed containing fluorinated gases with an equivalent GWP of 1430

	7				11				13				13T				16				16T			
	cooling capacity(kW)	Dhw capacity (kW)	Absorption (kW)	EER COP	cooling capacity(kW)	Dhw capacity (kW)	Absorption (kW)	EER COP	cooling capacity(kW)	Dhw capacity (kW)	Absorption (kW)	EER COP	cooling capacity(kW)	Dhw capacity (kW)	Absorption (kW)	EER COP	cooling capacity(kW)	Dhw capacity (kW)	Absorption (kW)	EER COP	cooling capacity(kW)	Dhw capacity (kW)	Absorption (kW)	EER COP
Cooling W7 A35	5,60	0,00	1,81	3,1	8,10	0,00	2,63	3,1	10,40	0,00	3,47	3,0	10,40	0,00	3,47	3,0	11,30	0,00	4,19	2,7	12,80	0,00	4,57	2,8
ACS W65/ W12	0,64	1,28	0,56	2,3	0,64	1,28	0,56	2,3	0,64	1,28	0,56	2,3	0,64	1,28	0,56	2,3	0,64	1,28	0,56	2,3	0,64	1,28	0,56	2,3
Cooling W7 A35 e ACS W65/W12	5,60	1,28	1,55	3,6	8,10	1,28	2,35	3,4	10,40	1,28	3,16	3,3	10,40	3,16	3,16	3,3	11,30	1,28	3,65	3,1	12,80	1,28	4,23	3,0

COOLING + DHW WITH ENERGY RECOVERY

During summer operation in cooling mode, the cycle dedicated to DHW production extracts heat from return water from the system circuit.

The cooling requirements of the building is partially satisfied by the DHW cycle and the comfort refrigerating cycle must deliver less power by reducing the speed of the inverter compressor.

The heat taken from the system is recovered in hot water for domestic use.
The efficiency of the integrated system increases (ratio between the energy produced and the energy absorbed from the mains).

LOADING TIME OF BOILERS With 150 litre tank, with 15-65 °C water

The patented Aquadue® double cycle allows rapid loading times of boilers, up to 40% faster than an equally capacious heat pump boiler.*
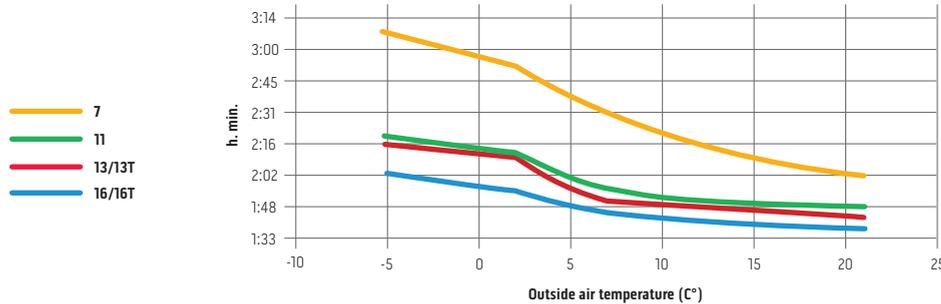
INTERNAL UNIT

		AQUADUE TOWER 7	AQUADUE TOWER 11	AQUADUE TOWER 13	AQUADUE TOWER 13T	AQUADUE TOWER 16	AQUADUE TOWER 16T
		SMALL		BIG			
A	mm	600	600	600	600	600	600
B	mm	600	600	600	600	600	600
H	mm	1980	1980	1980	1980	1980	1980
Weight	kg	171	171	173	173	173	173

EXTERNAL UNIT S1

		7	11	13	13T	16	16T
		CESHH24EI	CESHH36EI	CESHH48EI	CESTH48EI	CESHH60EI	CESTH60EI
		MONO-FAN		DOUBLE FAN			
A	mm	845	946	952	952	952	952
B	mm	914	1030	1045	1045	1045	1045
C	mm	540	673	634	634	634	634
D	mm	363	410	415	415	415	415
E	mm	350	403	404	404	404	404
F	mm	915	1036	1032	1032	1032	1032
H	mm	702	810	1333	1333	1333	1333
Weight	kg	49	67	95	108	95	113

Code BO665 - HEATING CABLE KIT

Prevents the formation of ice on the bottom of the external unit in the event of prolonged operation in particularly severe conditions.

* Olimpia Splendid internal tests.

TOUCH SCREEN INTERFACE
SHERPA AQUADUE - SHERPA AQUADUE TOWER

HOME PAGE
The home page shows the following information:

A - Date and time system
B - Current Active Mode (Stand-by, cooling, heating, only DHW)
C - Activated features (climate curve, DHW Turbo, DHW OFF, anti legionella, Night, ECO)
D - Alarms/overrides (flashing)
E - Temperature values water system, active system timers, Holiday, Rating
F - Temperature values DHW water boiler, active timers domestic hot water, Holiday
G - Activation icons:
   Mode: operating mode
   Tset: system and domestic set point
   Tshow: reading of temperature sensors
   Timers: time programming
   Menu: machine functions
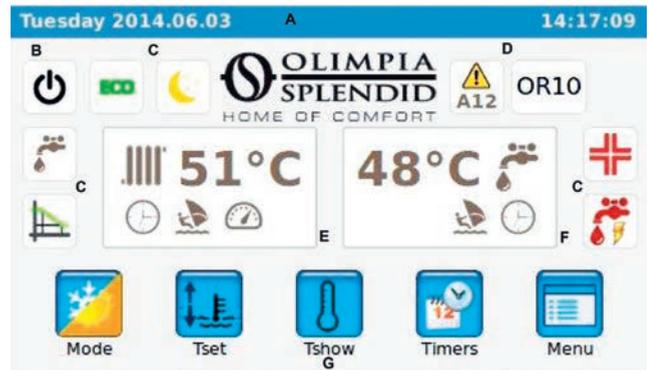
OPERATING MODES
Touching the Mode , icon, you can access the operating modes configuration
page. The selection icons for all available operating modes are on this page:
- Stand-by , the system is off
- Cooling , the system produces cold water until it reaches the set-point (set point fixed or dynamically defined by climatic curve)
- Heating the system produces hot water up to the set-point (set point fixed or dynamically defined by climatic curve)
- ECO , energy savings (if climate curve active the ECO set point is not considered)
- Night , the system limits the yield and noise of the outside unit
- Turbo DHW, the system produces hot water using the entire power of the outdoor unit up to the limit set.
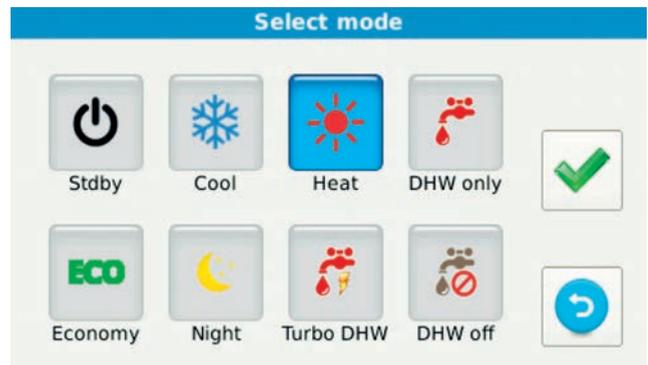
SET POINT
Tapping the Tset icon, you can access the configuration page of the set point.
- Cooling water temperature
- ECO cooling water temperature
- Heating water temperature
- ECO heating water temperature
- Domestic hot water temperature (external boiler set point).
The set points for heating and cooling are not considered by the control in the case where the climate curve mode set-point is enabled.
Set point values are changed with a simple touch of the set value .

Set temperature	
Cooling set temperature	15.0°C
ECO cooling set temperature	18.0°C
Heating set temperature	35.0°C
ECO heating set temperature	30.0°C
DHW set temperature	60.0°C
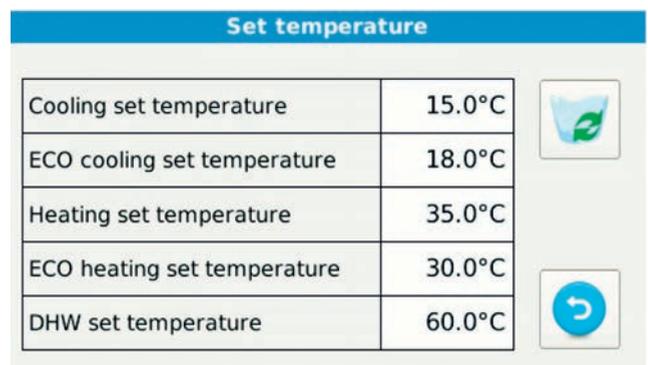
TIMERS
Tapping the Timers icon you can access available programs.
- Timer heating/cooling
- Timer DHW
- Timer night
- Holidays
Tapping the "Timer Heat/ Cool" r " DHW Timer" or "Timer Night" icon, you
can access the page where the activation bands of each timer can be visualized.
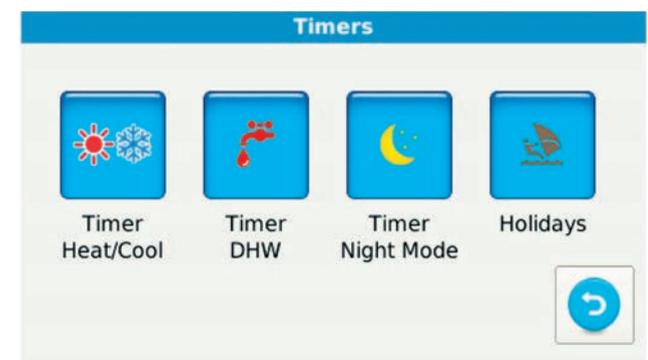
PLANT LAYOUTS
SHERPA AQUADUE - SHERPA AQUADUE TOWER

SHERPA AQUADUE heat pump (heating and cooling; high-temperature DHW production); fan coil terminals Bi2 SLR; example of two zone layout with simple manifold and integrated inertial storage tank for the cooling plant.
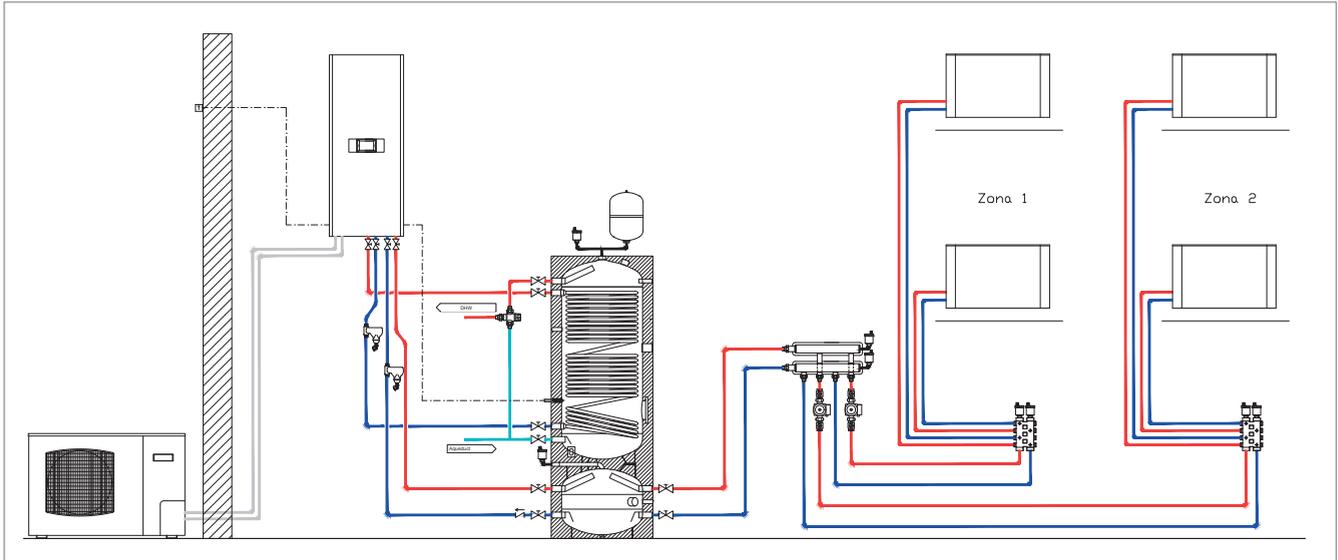
SHERPA AQUADUE heat pump (heating and cooling; high-temperature DHW production); Fan coil terminals Bi2 SLR; example of two zone layout with manifold/separator.
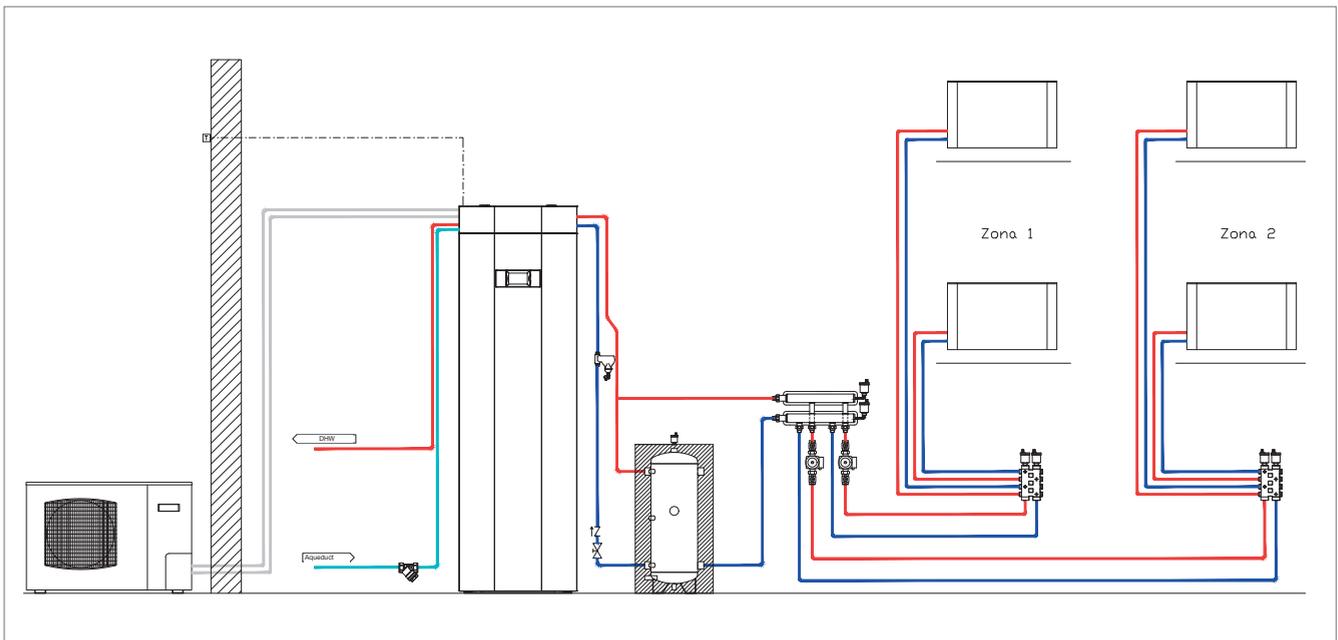
PERFORMANCE AND ENERGY ADVANTAGES

In adverse weather conditions traditional heat pumps decrease thermal output producing water at a lower temperature. Sherpa AQUADUE® as well as extending the area of operation ensures a constant heat output, in the production of Domestic Hot Water.
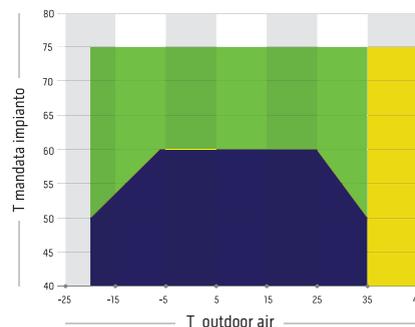
● **Optimum area of operation of traditional heat pumps**

● **Area of operation extended - AQUADUE® technology**
The double refrigerator circuit allows higher DHW production temperatures thanks to the water-water circuit which are independent of outside air temperature.

● **Heat recovery area - AQUADUE® technology**
in summer cooling operation the refrigeration cycle dedicated to DHW production removes heat from the comfort circuit increasing the overall efficiency of the system.

SHERPA MONOBLOC ®

Air-water heat pump **MONOBLOC**

| COP > 4 | DHW 60°C |

Energy class: **35°** A › A+

55° A+ › A++

RENEWABLE TECHNOLOGIES

Sherpa uses the heat in the air, and transfers it to system terminals in an efficient manner. For each kW of electricity consumed, Sherpa is able to produce over 4 of thermal energy. This means that 75% of energy is free, renewable and clean.

COMPACT TECHNOLOGY

The engineering of components has made it possible to insert a 3-way valve for the management of Domestic Hot Water.
The reduced size allow installation inside a kitchen cabinet.

OLIMPIA SPLENDID'S INVERTER DC TECHNOLOGY

100%

80%

70%

| NON INVERTER | AC INVERTER | DC INVERTER |

SAVINGS 30%
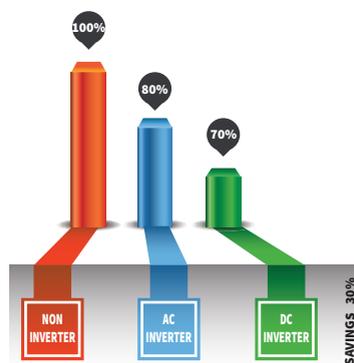
SMART CONTROL

The control is extremely flexible and the following interfaces can be used:
1- The programmable thermostat with easy-to-read liquid crystal display. It contains the most advanced functions for controlling the various types of heat pump systems. The operating logic considers the climatic season and the heat load required and consequently adjusts the frequency of the motor on the basis of the difference between outdoor environment temperature and water flow temperature.
2- The remote control
3- Potential-free contacts

FEATURES

Provides DHW with temperatures up to 60 ° C

Climatic curves based on outside air temperature:
two for cooling and twelve for heating or it's possible to add the customized climatic curves. The climatic curves allow you to change the system temperature according with external climate conditions, adjusting the heat input to the heat requirements of the building in order to obtain energy savings.

Two configurable set points in cooling, **Two configurable set points** in heating.

Anti-freeze protection: managed by the software.

Daily programmer with night mode:
Night mode provides energy savings of up to 20%. Complete management of antilegionella cycles.

Remote control panel with possibility of environment temperature and humidity control.

Refrigerant gas R410A.*

CONTROLS

Programmable thermostat
(included as per standard)

Remote control
(additional Code B0812)
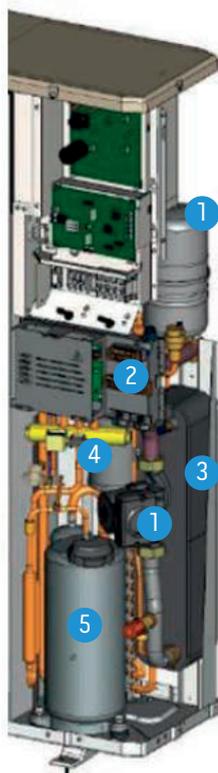
1 Hydronic module (as per standard):
 ▪ variable displacement pump
 ▪ expansion vessel (2 or 3 litre)
 ▪ automatic venting and safety valve
2 Electric control board
3 Plate heat exchanger
4 Reversible gas circuit (4-way valve)
5 Twin-Rotary Inverter DC compressor
6 External air sensor probe

* Non hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

SHERPA MONOBLOC ®

		MONOBLOC 4	MONOBLOC 6	MONOBLOC 8	MONOBLOC 12	MONOBLOC 15	MONOBLOC 12T	MONOBLOC 15T
Outdoor Unit	Cod.	01674	01675	01676	01677	01678	01679	01680
Refrigerant/water exchanger		Brazed plates	Brazed plates	Brazed plates	Brazed plates	Brazed plates	Brazed plates	Brazed plates
Heating capacity (a)	kW	4,07	5,76	7,16	11,86	14,46	12,00	15
COP (a)	W/W	4,15	4,28	3,97	3,95	4,09	4,30	4,20
Heating capacity (b)	kW	2,80	3,75	4,36	7,83	8,98	7,68	8,49
COP (b)	W/W	2,60	2,77	2,81	2,85	2,81	2,82	2,75
Heating capacity (c)	kW	3,87	5,76	7,36	12,91	13,96	11,20	14,50
COP (c)	W/W	3,26	3,05	3,19	3,03	3,23	3,35	3,30
Heating capacity (d)	kW	2,70	3,76	4,45	7,43	8,98	6,23	8,40
COP (d)	W/W	2,40	2,31	2,34	2,31	2,34	2,39	2,39
Cooling capacity (e)	kW	4,93	7,04	7,84	13,54	16,04	16,00	16,00
EER (e)	W/W	4,20	3,70	3,99	3,66	3,85	4,15	3,81
Cooling capacity (f)	kW	3,33	4,73	5,84	10,24	13,04	10,20	13,00
EER (f)	W/W	3,00	3,00	2,98	2,96	3,00	3,00	2,91
Energy efficiency class heating mode 35°/55 °C		A+ A++	A+ A++	A A+	A+ A+	A+ A++	A+ A++	A+ A++
Sound pressure heating mode (g)	dB(A)	42	42	44	47	48	48	48
Sound power heating mode (g)	dB(A)	62	62	64	67	68	68	68
Sound pressure cooling mode (h)	dB(A)	44	44	45	48	49	49	49
Sound power cooling mode (h)	dB(A)	64	64	65	68	69	69	69
Capacity of expansion vessel	l	2	2	2	3	3	3	3
Power supply	V/ph/ Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	400/3/50	400/3/50
Maximum current absorption	A	9	11	14,50	20,70	22,60	11,10	11,10
Hydraulic connections	"	1	1	1	1	1	1	1
Refrigerant gas (i)		R410A	R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant gas charge	Kg	1,195	1,35	1,81	2,45	3,385	2,45	3,385

(a) Heating mode, inlet/outlet water temperature 30°C/35°C, outdoor air temperature 7°C d.b./6°C w.b.
(b) Heating mode, inlet/outlet water temperature 30°C/35°C, outdoor air temperature -4°C d.b./-2°C w.b.
(c) Heating mode, inlet/outlet water temperature 40°C/45°C, outdoor air temperature 7°C d.b./6°C w.b.
(d) Heating mode, inlet/outlet water temperature 40°C/45°C, outdoor air temperature -4°C d.b./-2°C w.b.
(e) Cooling mode, inlet/outlet water temperature 23°C/18°C, outdoor air temperature 35°C
(f) Cooling mode, inlet/outlet water temperature 12°C/7°C, outdoor air temperature 35°C
(g) Heating mode, inlet/outlet water temperature 47°C/55°C, outdoor air temperature 7°C d.b./6°C w.b.
(h) Cooling mode, inlet/outlet water temperature 12°C/7°C, outdoor air temperature 35°C
(i) Equipment not hermetically sealed containing fluorinated gases with an equivalent GWP of 2088
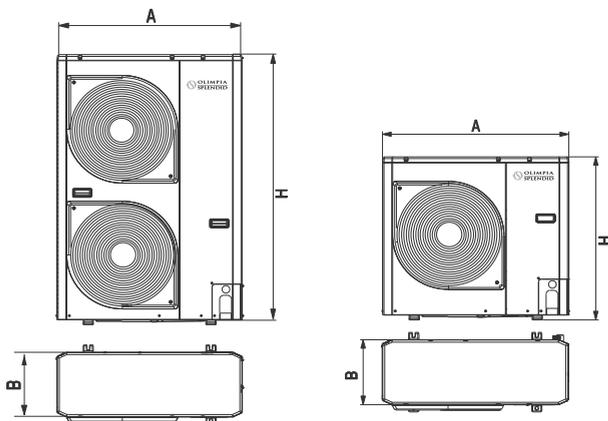
EXTERNAL UNIT

EXTERNAL UNIT		MONOBLOC 4	MONOBLOC 6	MONOBLOC 8	MONOBLOC 12	MONOBLOC 15	MONOBLOC 12T	MONOBLOC 15T
		MONO-VENT			DOUBLE VENT			
A	mm	908	908	908	908	908	908	908
B	mm	350	350	350	350	350	350	350
H	mm	821	821	821	1363	1363	1363	1363
Peso	Kg	57	61	69	104	112	116	116

Code B0622 - 3-WAY VALVE KIT FOR DOMESTIC HOT WATER.
- Compact size
- Two point control

Code B0814 - OUTDOOR AIR SENSOR KIT (Optional)
Sensor screen for measuring ambient air temperature. The sensor is necessary to enable electrical resistors activation and climatic curves.

Code B0812 - REMOTE CONTROL KIT (Optional)
Remote control.

PLANT LAYOUTS
SHERPA MONOBLOC

OLIMPIA
SPLENDID
HOME OF COMFORT

INTEGRATED SYSTEMS

AIR CONDITIONING

AIR TREATMENT

HEATING

SHERPA MONOBLOC heat pump (heating and cooling; high-temperature DHW production); fan coil terminals Bi2 SLR; DHW integration with solar thermal system.
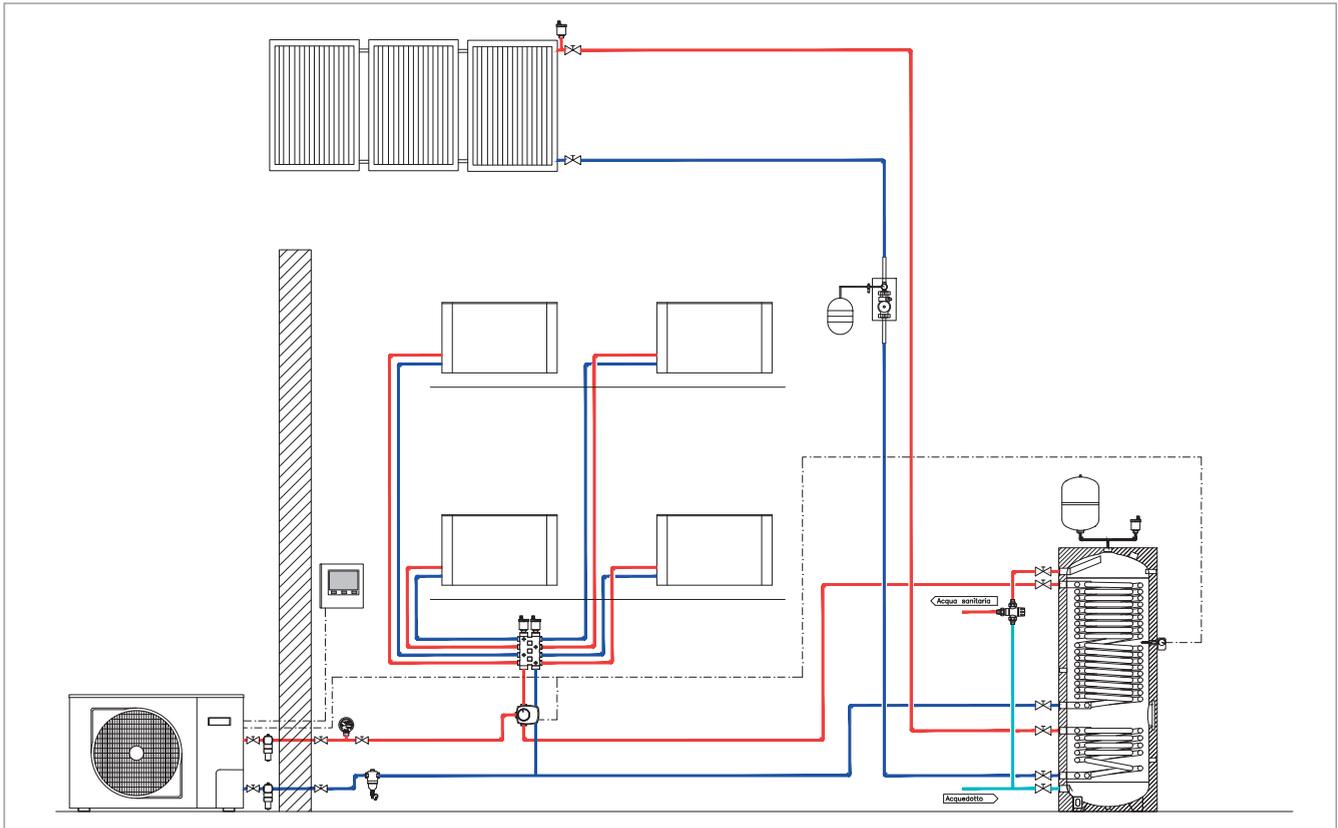
SHERPA MONOBLOC heat pump (heating and cooling; high-temperature DHW production); fan coil terminals Bi2 SLR; DHW integration with solar thermal system and integrated inertial storage tank for the cooling plant.
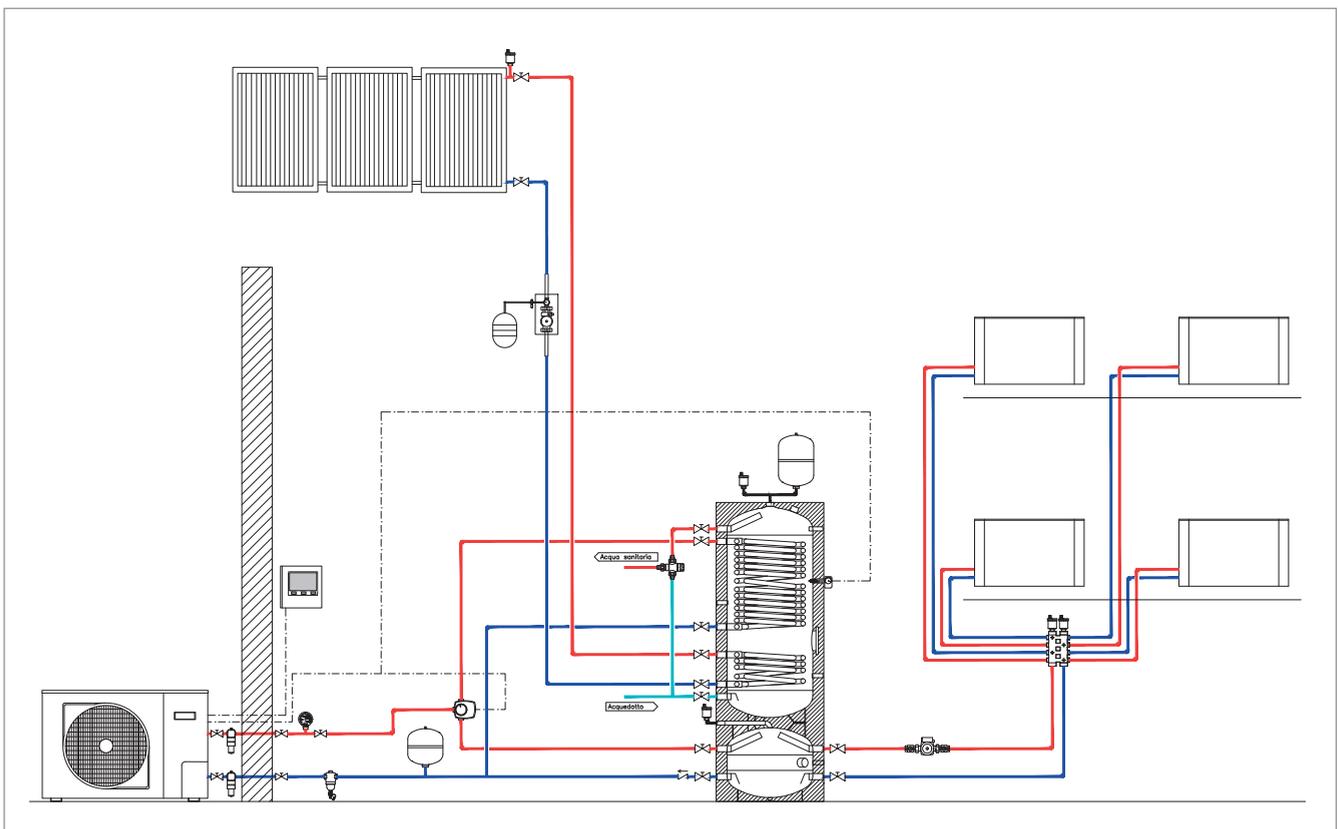
SHERPA

Air-water split heat pump.

COP > 4   ACS a 60°C

Energy class: **35°** A+

55° A+

RENEWABLE TECHNOLOGIES

Sherpa uses the heat in the air, and transfers it to system terminals in an efficient manner. For each kW of electricity consumed, Sherpa is able to produce over 4 of thermal energy. This means that 75% of energy is free, renewable and clean.

OLIMPIA SPLENDID'S INVERTER DC TECHNOLOGY

100%

80%

70%

SAVINGS 30%

NON INVERTER

AC INVERTER

DC INVERTER

SMART CONTROL

The smart onboard control panel has been developed by Olimpia Splendid, it's extremely flexible and can be fully configured. It features all the advanced characteristics needed to manage every different kind of heat pump systems. It takes into account the climatic season, the thermal load request and adjusts consequently the operation of the motor on the basis of the difference between the temperature of the external environment and the water supply temperature.

Compatible with: AQUADUE® CONTROL

COMPACT TECHNOLOGY

The engineering of components and the reduced size allow installation inside a kitchen cabinet.

FEATURES

Provides DHW with temperatures up to 60 ° C

DHW Management: Sherpa can manage DHW with extreme flexibility through two management methods:
water sensor inserted in the boiler or contact thermostat in the tank.

Climatic curves based on the outside air temperature:
two curves are available, one for cooling and one for heating. The climatic curves allow you to change the system temperature according with external climate conditions, adjusting the heat input to the heat requirements of the building in order to obtain energy savings.

Two configurable set points in cooling, **Three configurable set points** in heating (one of which for DHW): the set points can also be selected by remote contact.

2-stage electric heater: configurable single or double stage which can be activated to support the heat pump, through verification, by electronic control, of the actual thermal capacity of the heat pump. Each stage is activated in accordance with the real need for thermal power, in order to optimize electrical consumption.

Daily programmer with night mode:
Night mode provides energy savings of up to 20%. Complete management of antilegionella cycles.

Complete management of antilegionella cycles.

Refrigerant gas R410A.*

350 mm

960 mm

600 mm
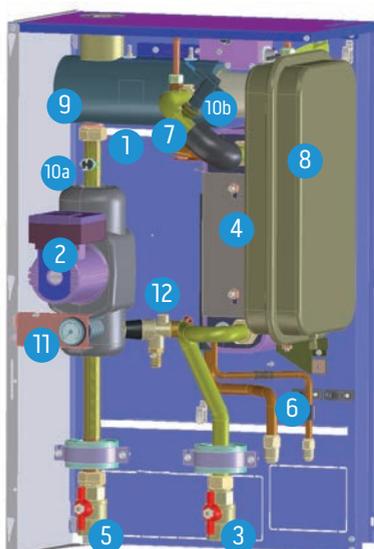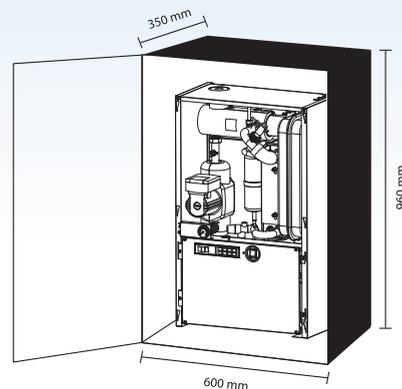
1 Electrical resistance
2 Circulator
3 Return water
4 BPHE Plate exchangers
5 System flow
6 Refrigerant circuit connections
7 Flow switch
8 Expansion vessel
9 Automatic air vent
10 Electrical resistance safety thermostats
11 Gauge
12 3 bar security valve

* Non hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

AIR CONDITIONING | AIR TREATMENT | HEATING

SHERPA

Indoor unit standard		SHERPA 7	SHERPA 11	SHERPA 13	SHERPA 13T	SHERPA 16	SHERPA 16T
Indoor unit standard		599501A		599503A			
Outdoor Unit S1		OS CESHH24EI	OS-CESHH36EI	OS-CESHH48EI	OS-CESTH48EI	OS-CESHH60EI	OS-CESTH60EI
Refrigerant/water exchanger		Brazed plates	Brazed plates	Brazed plates	Brazed plates	Brazed plates	Brazed plates
Heating capacity (a)		6,50	10,50	12,50	12,50	14	16
COP		4,12	4,14	4,12	4,12	4,11	4,11
Heating capacity (b)		4,30	7,20	8	8	8,50	9,20
COP		2,60	2,65	2,70	2,70	2,40	2,50
Heating capacity (c)		6,50	9,90	12,50	12,50	13,30	14
COP		3,40	3,14	3,21	3,21	3,10	3,10
Heating capacity (d)		3,80	6,20	7,20	7,20	8,50	9
COP		2,30	2	2,10	2,10	2,10	2,10
Cooling capacity (e)		7,90	11,80	12,30	12,50	13,50	15
EER		4,50	4,40	4	4,10	3,80	4
Cooling capacity (f)		5,60	8,10	10,40	10,40	11,30	12,80
EER		3,10	3,08	3	3	2,70	2,80
Energy efficiency class heating mode 35°/55 °C		A+ A+	A+ A+	A+ A+	A+ A+	A+ A+	A+ A+
Sound pressure of indoor unit (g)		35	35	35	35	35	35
Sound power indoor unit		41	41	41	41	41	41
Sound pressure outdoor unit (h)		54/55	56/58	60/60	60/60	60/60	60/62
Sound power outdoor unit		64/65	66/68	70/70	70/70	70/70	70/72
Diameter refrigerant connections		3/8-5/8	3/8-5/8	3/8-5/8	3/8-5/8	3/8-5/8	3/8-5/8
Circulator absorption		40-130	40-130	40-130	40-130	40-130	40-130
Capacity of expansion vessel		8	8	8	8	8	8
Power supply of indoor unit		230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Maximum current absorption indoor unit (electrical heaters activated)	A	14,10	14,10	27,20	27,20	27,20	27,20
Maximum current absorption indoor unit(electrical heaters deactivated)	A	1,1	1,1	1,1	1,1	1,1	1,1
Additional electrical heater elements	kW	1,5 + 1,5	1,5 + 1,5	3 + 3	3 + 3	3 + 3	3 + 3
Hydraulic connections	"	1	1	1	1	1	1
Outdoor unit power supply	V/ph/ Hz	230/1/50	230/1/50	230/1/50	400/3/50	230/1/50	400/3/50
Outdoor unit maximum absorbed current	A	13,5	22	28	8,15	28	11,5
Refrigerant gas (i)		R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant gas charge (outdoor unit)	Kg	1,95	3,2	4	4	4	4,3

(a) Heating mode, inlet/outlet water temperature 30°C/35°C, outdoor air temperature 7°C d.b./6°C w.b.
(b) Heating mode, inlet/outlet water temperature 30°C/35°C, outdoor air temperature -2°C d.b./-1°C w.b.
(c) Heating mode, inlet/outlet water temperature 40°C/45°C, outdoor air temperature 7°C d.b./6°C w.b.
(d) Heating mode, inlet/outlet water temperature 40°C/45°C, outdoor air temperature -2°C d.b./-1°C w.b.
(e) Cooling mode, inlet/outlet water temperature 23°C/18°C, outdoor air temperature 35°C

(f) Cooling mode, inlet/outlet water temperature 12°C/7°C, outdoor air temperature 35°C
(g) Sound pressure values measured at a distance of 1 m in semi-anechoic chamber
(h) Sound pressure values measured at a distance of 4 m in a free field
(i) Equipment not hermetically sealed containing fluorinated gases with an equivalent GWP of 2088

INTERNAL UNIT

		SHERPA 7	SHERPA 11	SHERPA 13	SHERPA 13T	SHERPA 16	SHERPA 16T
		SMALL		BIG			
A	mm	500	500	500	500	500	500
B	mm	280	280	280	280	280	280
C	mm	296	296	296	296	296	296
H	mm	810	810	810	810	810	810
standard weight	Kg	36	36	38	38	38	38

EXTERNAL UNIT S1

		7	11	13	13T	16	16T
		CESHH24EI	CESHH36EI	CESHH48EI	CESTH48EI	CESHH60EI	CESTH60EI
		MONO-VENT		DOUBLE VENT			
A	mm	845	946	952	952	952	952
B	mm	914	1030	1045	1045	1045	1045
C	mm	540	673	634	634	634	634
D	mm	363	410	415	415	415	415
E	mm	350	403	404	404	404	404
F	mm	915	1036	1032	1032	1032	1032
H	mm	702	810	1333	1333	1333	1333
Weight	kg	49	67	95	108	95	113

PLANT LAYOUTS
SHERPA

SHERPA heat pump (heating and cooling; high-temperature DHW production); fan coil terminals Bi2 SLR; DHW integration with solar thermal system and inertial storage tank for the cooling plant.
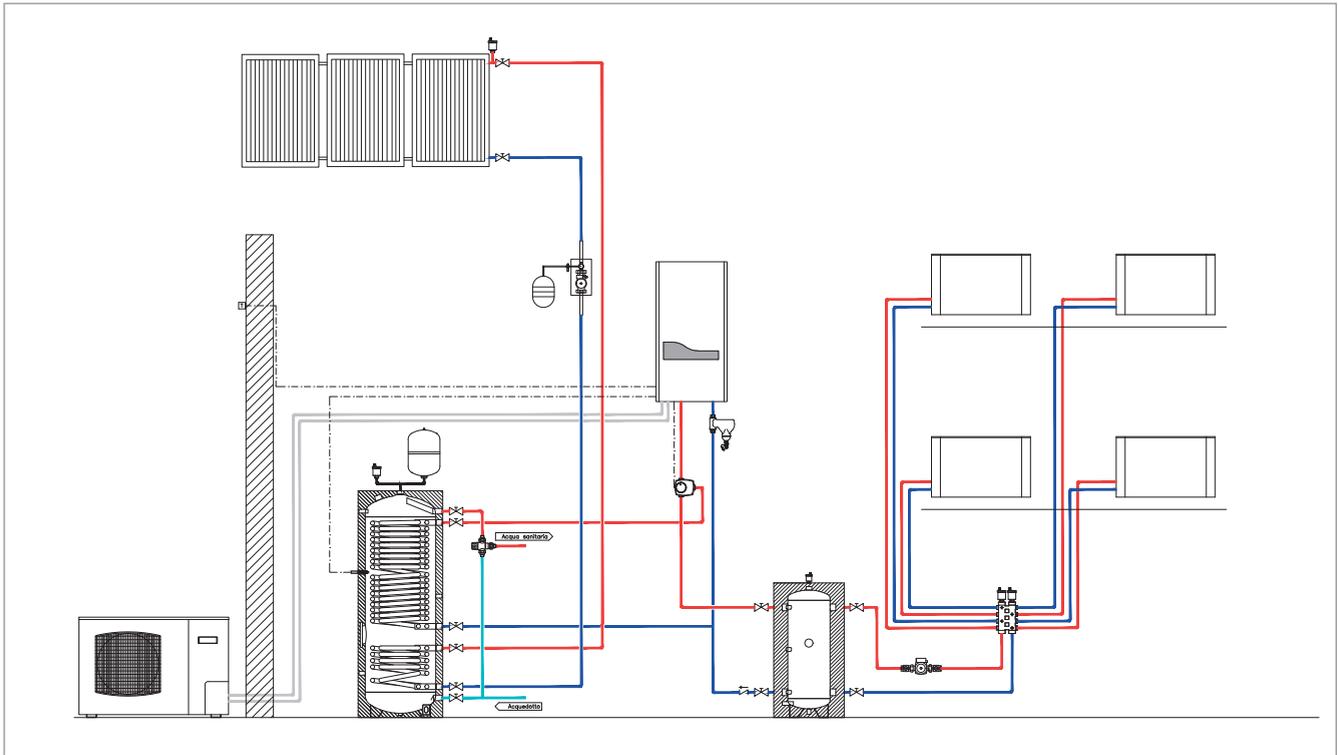
SHERPA heat pump (heating and cooling; high-temperature DHW production); fan coil terminals Bi2 SLR; DHW integration with solar thermal system and integrated inertial storage tank for the cooling plant.
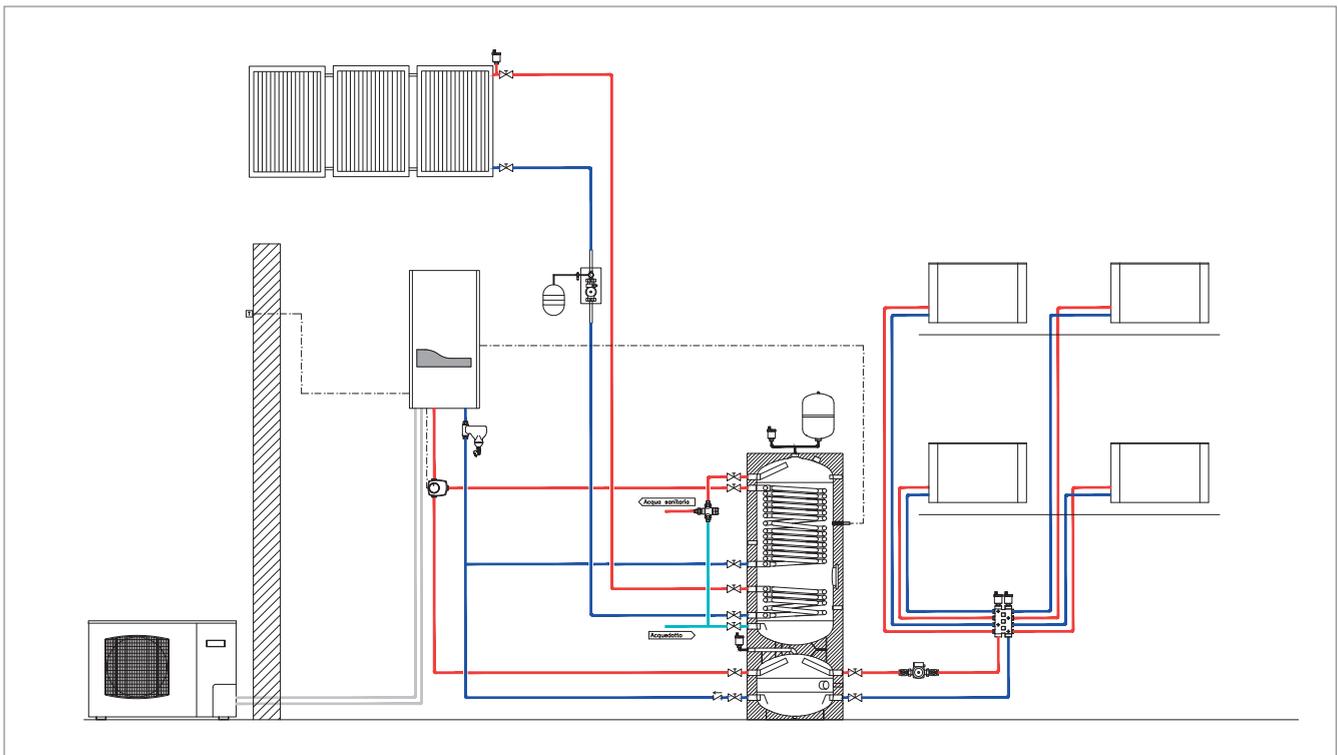
Code B0622 - 3-WAY VALVE KIT FOR DOMESTIC HOT WATER.
- Compact size
- Two point control

Code B0623 - OUTDOOR AIR SENSOR KIT
Sensor screen for measuring ambient air temperature. The sensor is necessary to enable electrical resistors activation and climatic curves.

Code B0624 - DHW BOILER SENSOR KIT
Sensor for measuring and direct control of water temperature in the domestic water storage tank.

Code B0665 - HEATING CABLE KIT
Prevents the formation of ice on the bottom of the external unit in the case of prolonged operation in extreme conditions.

SHERPA SHW

Heat pump water heater

| COP > 2,6* | DHW a 65°C |

Energy class: **A**

2 VERSIONS:

- **SHERPA SHW 200**
  Standard that envisions the heat pump and the electric heating element with 200 l tank

- **SHERPA SHW 300S**
  With auxiliary coil for use combined with panels with 300 l tank

PHOTOVOLTAIC INTEGRATION

Contact for integration with photovoltaic plant, which forces switch-on and raises the machine set-point. The energy produced by the photovoltaic system is stored to lower the DHW production costs and maximise the energy saving.

MANAGEMENT OF SOLAR ENERGY

Compatible with the solar thermal system: the unit can work with a second energy source such as solar panels.

SMART CONTROL

The effective heat pump set is adjusted by a climatic curve, so that in the case of hot air withdrawn from the outside (over 25°C with water at 65°C, over 35°C with water at 55°C), high pressure alarms are prevented.
The electric heating element automatically integrates the temperature of the tank at the desired set whenever the effective set is adjusted by the climatic curve.
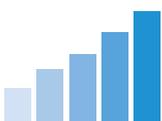
HIGH EFFICIENCY

High efficiency compressor with R134a refrigerant.

DHW PRODUCTION TO -10°C

Production of DHW in heat pump mode with air temperature up to -10°C.

* Values obtained with outdoor air temperature 7°C and relative humidity 87%, inlet water temperature 10 °C and temperature set 55°C (EN 16147).

FEATURES

Work range in heat pump mode with air temperature from -10°C to 43 C°.

Carbon steel tank with double layer vitrification.

Anti-corrosion magnesium anode to ensure duration of the tank.

Condenser wound externally on the boiler free from deposits and gas-water contamination.

Thick expanded polyurethane (PU) heat insulation.

Plastic outer coating.

Acoustically insulated plastic upper lid.

High efficiency compressor with R134a refrigerant.

High and low pressure gas safety devices.

Electric heating element available in the come back-up unit (with integrated thermostat with safety device at 90°C), which ensures hot water at constant temperature also in extreme winter conditions.

ON-OFF contact to start the unit from an external switch.

Weekly disinfecting cycle.

Possibility of managing the domestic hot water circulation or solar integration (presence of a dedicated temperature probe, flow meter inlet and command for an outdoor pump).

Electronic expansion valve for prompt control.

Insulation: rigid polyurethane with thickness of 45 mm. Plastic outer coating.

Electronic thermostatic valve.

SHERPA SHW 300S

Photovoltaic integration

SHERPA SHW 200

Photovoltaic integration
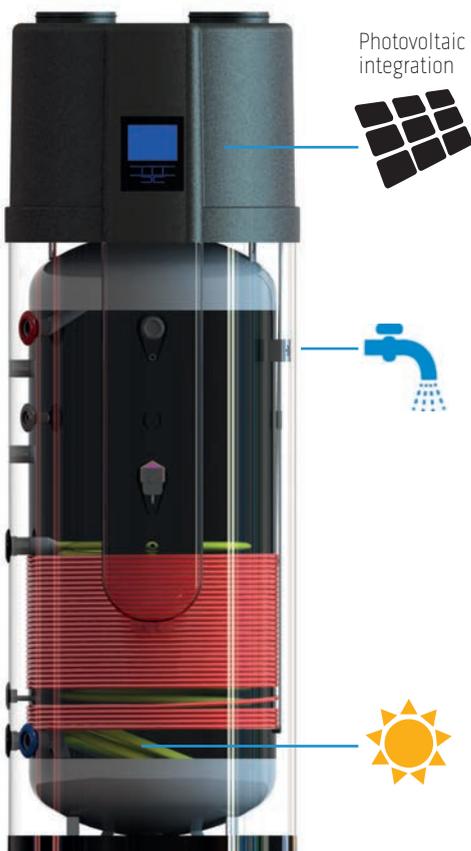
SHERPA **SHW**

CODE		SHW 200 01809	SHW 300S 01810
Tank rated capacity	l	200	300
COP*		2,6	2,6
Energy class		A	A
Minimum air temperature	°C	-10	-10
Maximum air temperature	°C	43	43
Sound power	db(A)	59	59
Average electric consumption	kW	0,56	0,56
Maximum quantity of hot water at 40°C*	l	235	315
Water flow rate maximum operating pressure	Mpa	1	1
Voltage	V/W	220-240	220-240
Electric heating element output	W	1200	1200
Heat output	W	1870	1870
Standard air flow rate	m³/h	450	450
Minimum volume of the place of installation	m³	20	20
Empty weight	kg	112	137
Protection rating	IP	IPX1	IPX1
Insulation thickness	mm	45	45
Maximum temperature of the storage room	°C	43	43
Minimum temperature of the storage room	°C	-10	-10
Exchange surface of the solar thermal coil (lower)	m²	-	1,20
Static pressure available	Pa	60	60
Load Profile		L	L

* Values obtained with outdoor air temperature 7°C and relative humidity 87%, inlet water temperature 10 °C
 and temperature set 55°C (EN 16147).

ACCESSORIES

B0841	1"F flow meter kit
B0842	Temperature probe kit

Outdoor air intake to -10°C

Electronic expansion valve for accurate adjustment of over-heating

Flared connections between cooling part and tank for easy maintenance

Tank Made in Italy

OLIMPIA SPLENDID
HOME OF COMFORT
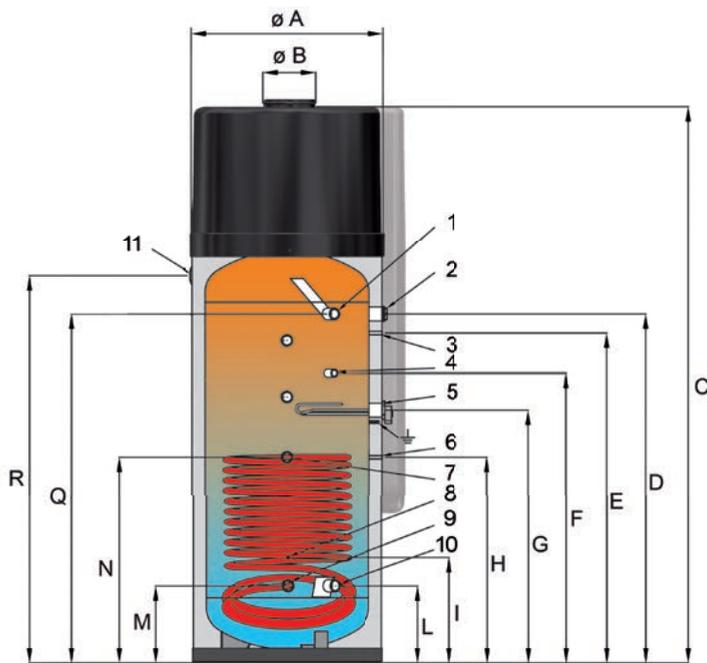
N°	TYPE OF ATTACHMENT	200 - 300
1.	Hot water flow	1"
2.	Anode	1"1/4
3.	Tank upper temperature probe	ø 10
4.	Recirculation	1/2"
5.	Electric heating element	1"1/4
6.	Tank lower temperature probe	ø 10
7.	Solar energy flow	1"
8.	Tank temperature auxiliary probe	ø 10
9.	Solar energy return	1"
10.	Domestic cold water inlet	1"
11.	Condensate drain	ø 16

Model	A	B	C	D	E	F	G	H	I	L	M	N	O	P	Q	R
200	654	177	1638	1007	862	742	742	567	-	257	257	692	877	927	927	1063
300	654	177	1888	1177	1112	977	852	692	352	257	257	692	897	1087	1177	1313

SAFETY DISTANCES

min 0,45 m

min 1,2 m   min 0,5 m

min 0,3 m

min 0,5 m
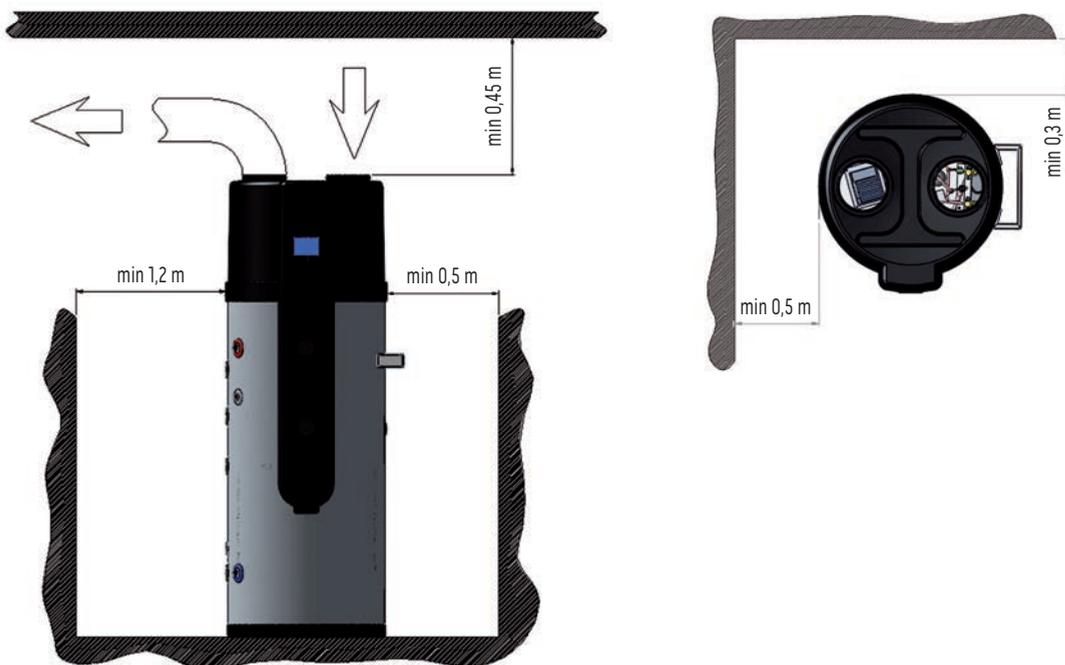
SHERPA range accessories

SHERPA / SHERPA AQUADUE / SHERPA MONOBLOC

	OS Code	Description	Cylinder Capacity litres	puffer Capacity litres	Total heigh mm	Diameter with insulation mm	insulation mm	Energy Class	Coil exchangers	Coil surfaces Heat Pump mq	Empty weight kg
	01193	Standard cylinder 200 L	200	-	1215	600	50	C 67W	1	1,5	90
	01194	Standard cylinder 300 L	300	-	1615	600	50	C 85W	1	1,8	115
	01804	High-efficiency HE cylinder 200 L	200	-	1215	640	70	B 51W	1 double coil	3,0	120
	01805	High-efficiency HE cylinder 300 L	300	-	1615	640	70	B 63W	1 double coil	4,0	160
	01806	High-efficiency HES solar cylinder 300 L	300	-	1615	640	70	B 63W	1 double coil + 1 solar unit	3,7	140
	01807	Hybrid HY cylinder 300 L	300	80	1925	690	70	B 73W	1	2,8	150
	01808	Hybrid HY solar cylinder 300 L	300	80	1925	690	70	B 73	1 + 1 solar unit	3,3	150
	01199	Heat storage 50 L	-	50	935	400	50	B 34W	-	-	25
	01200	Heat storage 100 L	-	100	1095	500	50	B 50W	-	-	35

B0618	Resistance for boiler 2 kW
B0666	Resistance for boiler 3 kW
B0617	Flange resistance kit

DHW STANDARD CYLINDERS

energy class C

CYLINDER FOR DOMESTIC HOT WATER PRODUCTION

Cylinder with 1 carbon steel coil, complete with anodic protection, internal vitrification treatment in compliance with DIN 4753-3 and EN 10025 Standards. Insulation: Rigid polyurethane with thickness of 50 mm
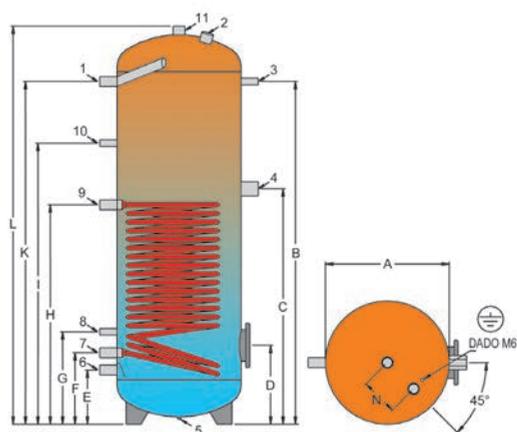
N°	TYPE OF ATTACHMENT	200 ÷ 300
1.	Hot water flow	1"
2.	Anode	1" 1/4
3.	Thermometer-Probe	1/2"
4.	Electric heating element	1" 1/2
5.	Pallet attachment (blind)	1/2"
6.	Cold water inlet	1"
7.	Coil return	1"
8.	Thermostat	1/2"
9.	Coil flow	1"
10.	Recirculation	1/2"
11.	Hot water flow	1" 1/4

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N
200	500	1000	810	320	220	290	375	750	835	-	975	1215	-	150
300	500	1390	955	320	220	290	375	890	1165	-	1390	1615	-	150

OLIMPIA SPLENDID
HOME OF COMFORT

HE/HES HIGH EFFICIENCY DHW CYLINDER

energy class **B**

CYLINDER FOR DOMESTIC HOT WATER PRODUCTION BY HEAT PUMP (HE) AND SOLAR PANELS (HES)

Cylinder with 1 or 2 carbon steel coils with large exchange surface, complete with anodic protection and internal vitrification treatment in compliance with DIN 4753-3 and EN 10025 Standards. Insulation: Rigid polyurethane with thickness of 70 mm.

HE
1 coil cylinder (large surface for heat pump)
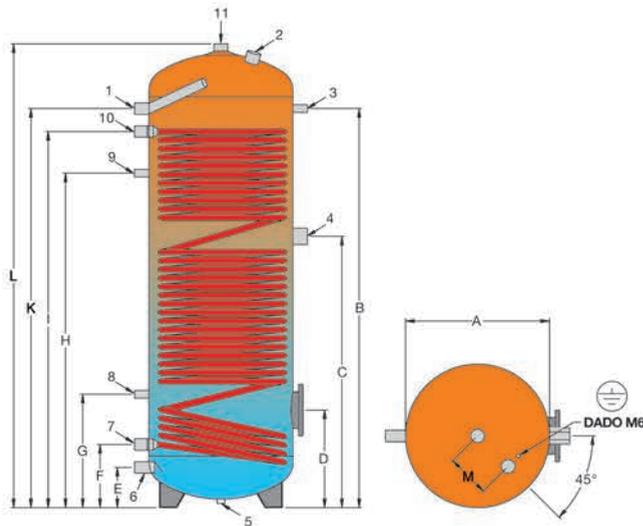
HES
2 coil cylinder (large surface for heat pump+ solar unit)
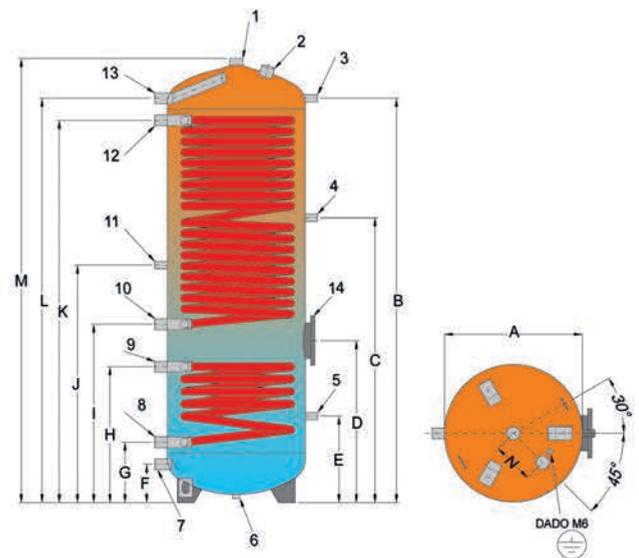
N°	TYPE OF ATTACHMENT	200 ÷ 300
1.	Hot water flow	1"
2.	Anode	1" 1/4
3.	Thermometer-Probe	1/2"
4.	Electric heating element	1" 1/2
5.	Pallet attachment (blind)	1/2"
6.	Water inlet	1"
7.	Coil return	1"
8.	Probe	1/2"
9.	Recirculation	1/2"
10.	Coil flow	1"
11.	Hot water flow	1" 1/4

N°	TYPE OF ATTACHMENT	300
1.	Hot water flow	1" 1/4
2.	Anode	1" 1/4
3.	Thermometer-Probe	1/2"
4.	Thermostat	1/2"
5.	Thermostat	1/2"
6.	Pallet attachment (blind)	1/2"
7.	Cold water inlet	1"
8.	Lower coil return	1"
9.	Lower coil flow	1"
10.	Upper coil return	1"
11.	Recirculation	1/2"
12.	Upper coil flow	1"
13.	Hot water flow	1"
14.	Flange with electric heating element attachment	1" 1/2

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N
HE 200	500	995	735	320	140	220	370	835	990	-	1070	1215	150	-
HE 300	500	1390	945	340	140	220	395	1165	1310	-	1390	1615	150	-
HES 300	500	1470	1035	590	315	140	220	495	650	865	1390	1470	1615	150

SHERPA range accessories

SHERPA / SHERPA AQUADUE / SHERPA MONOBLOC

HYBRID HY/HYS DHW CYLINDERS

energy class **B**

COMBINED HEAT STORAGE UNIT: CYLINDER FOR DOMESTIC HOT WATER PRODUCTION BY HEAT PUMP (HY) AND SOLAR PANELS (HYS) AND INERTIAL STORAGE FOR THE PLANT WATER

Upper cylinder with 1 or 2 carbon steel coils with large exchange surface, complete with anodic protection and internal vitrification treatment in compliance with DIN 4753-3 and EN 10025 Standards. Lower storage tank for heating or cooled water, interior not treated.

Insulation: Rigid polyurethane with thickness of 70 mm

HY
1 coil cylinder
(for heat pump + buffer tank)
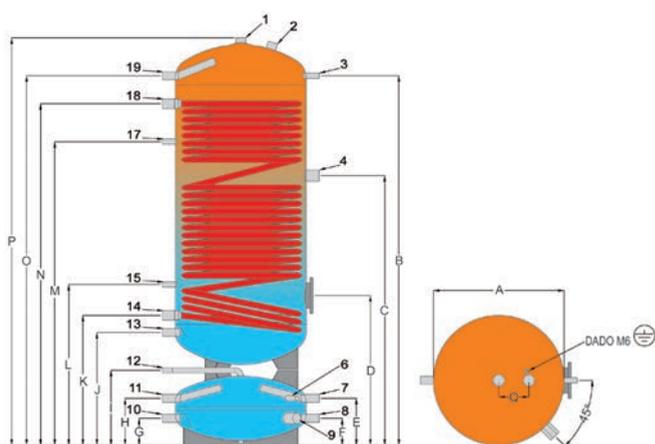
HYS
2 coil cylinder
(for heat pump + solar unit + buffer tank)
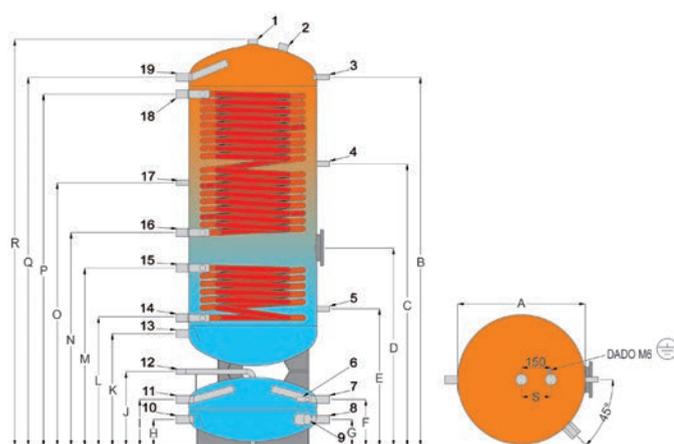
N°	TYPE OF ATTACHMENT	300
1.	Domestic hot water flow	1" 1/4
2.	Anode	1" 1/4
3.	Thermometer	1/2"
4.	Probe	1" 1/2
6.	Probe	1/2"
7.	Boiler flow	1"
8.	Boiler return	1"
9.	Electric heating element	1" 1/2
10.	Heating system return	1"
11.	Heating system flow	1"
12.	Vent	1/2"
13.	Domestic cold water inlet	1"
14.	EBD - Lower coil return	1" 1/4
15.	EBD - Lower coil return	1/2"
17.	Recirculation	1/2"
18.	Upper coil flow	1" 1/4
19.	Domestic hot water flow	1"

N°	TYPE OF ATTACHMENT	300
1.	Domestic hot water flow	1" 1/4
2.	Anode	1" 1/4
3.	Thermometer	1/2"
4.	EBD - Probe	1/2"
5.	EBD - Probe	1/2"
6.	Probe	1/2"
7.	Boiler flow	1"
8.	Boiler return	1"
9.	Electric heating element	1" 1/2
10.	Heating system return	1"
11.	Heating system flow	1"
12.	Vent	1/2"
13.	Domestic cold water inlet	1"
14.	EBD - Lower coil return	1"
15.	EBD - Lower coil return	1"
16.	EBD - Upper coil return	1"
17.	Recirculation	1"
18.	Upper coil flow	1"
19.	Domestic hot water flow	1"

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
HY 300	550	1755	1300	875	340	160	160	340	505	675	765	940	1425	1675	1755	1925	150	-	-
HYS 300	550	1755	1420	1035	810	340	160	160	340	505	675	755	945	1125	1280	1675	1755	1925	150

HEAT STORAGE TANKS

BUFFER HEAT STORAGE TANKS

Storage tank for cooled water, interior not treated. Can be used also for heating water.

Insulation: Polyurethane 50 mm
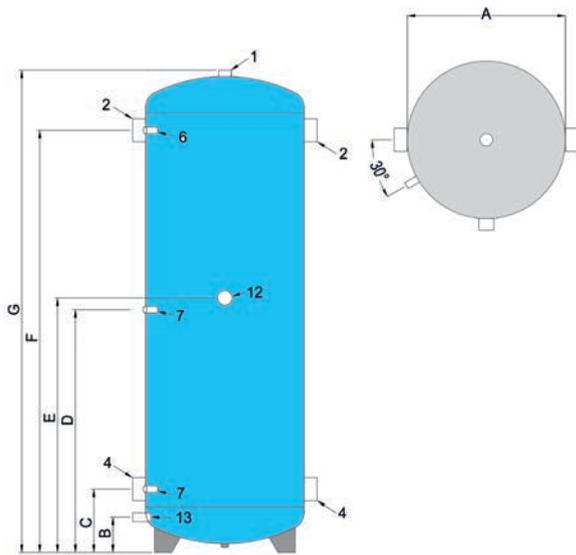
N°	TYPE OF ATTACHMENT	50-100
1.	Vent	1"
2.	boiler flow	1" 1/4
4.	oiler return-heating at 50°C	1" 1/4
5.	oiler return-heating at 30°C	1/2"
6.	thermometer	1/2"
7.	probe	1/2"
12.	Electric heating element	1" 1/2
13.	Drain	1/2"

Model	A	B	C	D	E	F	G
50	300	100	180	485	530	785	935
100	400	100	185	560	605	935	1095

OPTIONAL

ELECTRIC HEATING ELEMENTS

Copper immersion heating element, IP 65, with internal adjustable thermostat and temperature limiter.
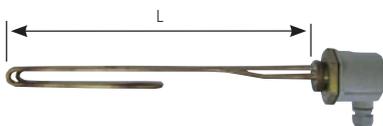
Cod.	W	V	KG	L MM	ATT.
B0618	2000	230	1,5	390	1"1/2
B0666	3000	230	1,5	390	1"1/2

FLANGE for HEATING ELEMENT

Mandatory accessory for correct positioning of the electric heating elements if used for anti-legionella cycles.

TERMINAL **U**NITS

The **B**i2 Range

The **ultraslim** fan coil radiator: one system terminal unit for heating, air conditioning and dehumidification; all in just 12.9 cm.

Bi2 + was awarded the REDDOT DE-SIGN HONOURABLE MENTION 2013 award, for the seamless integration of technology and design.

Bi2 + is the winner of the iF product design award 2013 in the Buildings category, selected by an internationally recognized panel of experts and designers.

Bi2 is the winner of the GOOD DESIGN AWARD 2014 . Founded in Chicago in 1950, GOOD DESIGN is the oldest and most acknowledged international competition for design excellence.

Made in Italy

WITH A SINGLE TERMINAL UNIT THE ANNUAL COMFORT CYCLE IS MANAGED:

- LOW TEMPERATURE RADIATION
- HEATING FAN
- COOLING
- DEHUMIDIFICATION
- AIR FILTRATION

Olimpia Splendid participates in the EUROVENT: FCU program. The products mentioned are available at www.eurovent-certification.com

THE **B**I2 **S**YSTEM

The structure of the fan and the electric motor which modulates speed guarantee an extremely uniform air distribution and a homogeneity in ambient temperature.
The whole range provides, depending on the models, three different modes of operation:
-radiant heating + forced convection
-radiant heating +natural convection
-cooling with forced convection

Moreover, the 4 tubes range also provides the mode of operation:
-Simultaneous Cooling + Heating

radiant heating
+ forced convection

radiant heating
+ natural convection

cooling with forced
convection
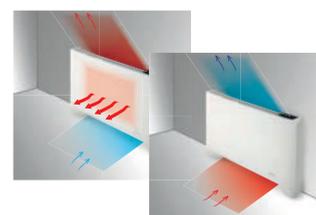
Simultaneous Cooling + Heating

RADIANT TECHNOLOGY

Radiant+ technology, compared to other heating Systems, has a higher static capacity thanks to:
- An average higher surface temperature that means greater radiation capacity
- Greater uniformity in surface warming and therefore a wider radiating surface
- Amplification of natural convection
- A reduction of water content for a faster system flow
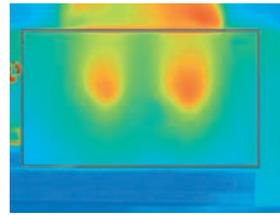
non-hydronic radiant systems
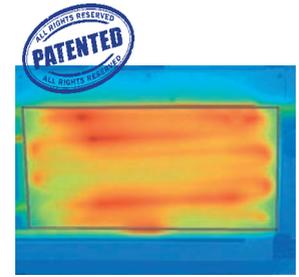
Tubular heating panel OS

SLIM DESIGN

Constant attention to design and to the harmonic integration with the architecture of the buildings, has led Olimpia Splendid to redesign the structure of terminal units, going from the 20-25 cm of depth of a traditional fan coil to only 12,9 cm.

INVERTER SYSTEM

The DC brushless motor adapts the air flow to the ambient thermal load optimizing comfort and reducing consumption, which is typical of inverter technology.
At minimum fan speed total electrical absorption is only 5w.

100%

80%

70%

NON INVERTER

AC INVERTER

DC INVERTER

SAVINGS 30%
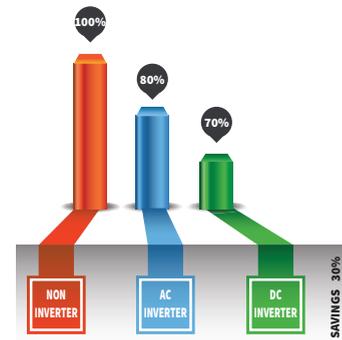
SILENT TECHNOLOGY

The high efficiency tangential fan enables higher air flow with low noise levels. At steady state silence is absolute, in fact, temperature is kept constant by the heating panel: without ventilation, air flows are 0 dB.

EASY INSTALLATION

Versatile installation: except where differently specified, the Bi2 model can be installed on the wall, on the floor or on the ceiling.

Wall installation.

Floor installation.

Ceiling installation.

METAL FRAME

The original shapes, lightness and solidity of Bi2 are aesthetic traits made possible by the painted metal frame and body and aluminum grille.

EASY CLEAN

Easy mainteinance: the easy removability of air filters and access to the front fan simplify cleaning, even for recessed models.

The **B**i2 Range

FAN COIL RADIATORS		FAN COIL UNITS	
AC motor	DC motor	AC motor	DC motor

2 TUBES — CABINET

	SLR Smart Inverter **pag. 62**	SL Smart **pag. 70**	SL Smart Inverter **pag. 66**
	SLR Air Inverter **pag. 50**		SL Air Inverter **pag. 54**
	SLR+ Inverter **pag. 74**		SL+ Inverter **pag. 78**
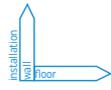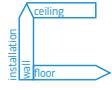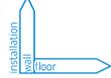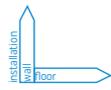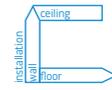
2 TUBES — BUILT-IN

	SLIR Naked Inverter **pag. 82**		SLI Naked Inverter **pag. 86**

2 TUBES — HI-WALL

			SLW Wall Inverter **pag. 58**

4 TUBES — CABINET

SLR 4 tubes **pag. 90**			

The **C**i2 Range

FAN COIL RADIATORS		FAN COIL UNITS	
AC motor	DC motor	AC motor	DC motor

2 TUBES — HIGH-WALL

			LGW Wall Inverter **pag. 94**

Bi2 compatibility

OLIMPIA SPLENDID
HOME OF COMFORT

description	Code kit	Optimum compatibility											
		DC motor									AC motor		Compatibile AQUADUE Control
		SLR+	SL+	SLR Air	SL Air	SLW	SLR SMART	SL SMART	SLI R	SLI	SL SMART	SLR 4T	
CONTROL PANEL													
Built-in Smart control kit	**B0659**										X	X	
Built-in inverter Smart control kit	**B0673**	X	X				X	X					
Electronic control kit for remotization	**B0707**										X	X	
Touch flat Built-in control DC	**B0828**	X	X				X	X	X	X			X
Touch flat Built-in control AC	**B0855**										X	X	
Touch design built-in control kit	**B0772**										X		X
Control kit for remotization 0-10 Volt*	**B0756**	X	X				X	X	X	X			
LCD wall clock thermostat remote control kit	**B0736**	X B0685 B0828	X B0685 B0828	X TR	X TR	X TR	X B0685 B0828	X B0685 B0828	X B0685 B0828	X B0685 B0828	X B0855 B0372	X B0855 B0372	X
Inverter control kit for remotization	**B0685**	X	X				X	X	X	X			X
Basic Built-in control without thermostat	**B0658**										X		
Built-in control kit	**B0371**										X		X
Built-in control kit	**B0374**											X	
Electronic control kit for remotization	**B0372**										X		X
Electronic control kit for remotization	**B0375**											X	X
Wall control kit	**B0151**		X + B0756		X AR	X AR		X + B0756		X + B0756	X + B0707			
Digital Wall control kit	**B0152**		X + B0756		X AR	X AR		X + B0756		X + B0756	X + B0707			
HYDRAULIC KITS													
Manual 2-way group valves kit**	**B0205**	X	X				X	X	X	X	X	X (per 2)	
Manual 2-way valve isolation kit	**B0204**	X + B0205	X + B0205				X + B0205	X + B0205	X + B0205	X + B0205	X + B0205	X + 2xB0205	
2 way group valves with thermoelectric actuator kit	**B0139 / B0832**	X	X	X	X		X	X	X	X	X		
2 way group valves with thermoelectric actuator kit	**B0825**											X	
3 way group valves with thermoelectric actuator kit	**B0826**											X	
3 way group valves with thermoelectric actuator kit	**B0635 / B0834**	X	X	X	X		X	X	X	X	X		
2-way valves group kit with thermoelectric actuator and bypass branch with pressure relief valve	**B0641 / B0833**	X	X			X	X		X	X			
Adaptors couple kit 3/4 Eurokonus - 1/2"	**B0200**	X	X				X	X	X	X	X	X	
Adaptors couple kit 3/4 Eurokonus - 3/4"	**B0201**	X	X				X	X	X	X	X	X	
Kit 90° Eurokonus bend	**B0203**	X	X				X	X	X	X	X		
Spacer kit	**B0501**	X	X				X	X	X	X	X		
ELECTRICAL KITS													
Minimum temperature thermostat kit	**B0336**										X + B0658		
Control connection extension kit	**B0459**										X	X	
Control connection extension kit	**B0632/ B0633**	X	X				X	X		X			
Control connection extension kit	**B0839**			X	X								

* in case a Bi2 with a heating panel is used, it is necessary that the management system 0-10V supports the heating version (OS radiant+ logic).
** in case a Bi2 with a radiant panel is used, the solenoid valves on the collector managed by the control kit of the Bi2 terminal can substitute the built-in ones.

AQUADUE CONTROL o bticino The manufacturer must program the addresses of the BUS remotization kits

Bi2 Air
SLR Air inverter

The ventilradiatore® with **Integral Design**. With **Multiset Control** for all configurations

EUROVENT CERTIFIED PERFORMANCE
www.eurovent-certification.com

Design by S. Ercoli & A. Garlandini

Remote control supplied

FEATURES

Cools, Dehumidifies, Heats and Filters

Terminal with integrated heating panel

Essential aesthetics with intake from the lower side

Metal front panel, sides in ABS

Compact: thickness of just 12,9 cm max 15 cm

5 sizes available

DC brushless Motor

Unique front body for comfortable working

Motorised, steel air supply flap

Anti-intrusion grids on air intake and outlet

Removable filters on air intake

Remote control unit supplied (for TR control only)

Installation:

floor   wall

Available in colors: ☐ White RAL 9003

MULTISET CONTROL

CONTROL TR (Touch Remote):
model envisions touch control on the machine and a remote control unit (supplied). Furthermore, via a selection of keys, remote control is possible with an Olimpia Splendid wall control unit or home automation, through the Modbus RS485 signal protocol.

CONTROL AR (Analogic Remote):
model allows universal remoting to be configured for all wall-installed control units and home automation systems, through the 0-10V analogue or 4 speed digital signal protocol.

*touch control on the machine and remote control disabled

MODEL		Bi2 SLR Air inverter				
		SLR air 200	SLR air 400	SLR air 600	SLR air 800	SLR air 1000
Bi2 SLR air with command TR	code	01856	01857	01858	01859	01860
Bi2 SLR air with command AR	code	01772	01773	01774	01775	01776
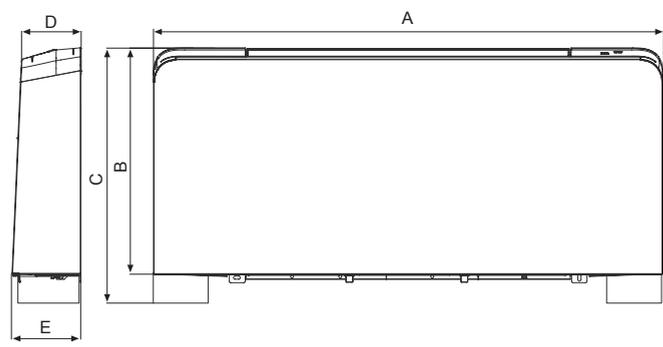
		200	400	600	800	1000
A	mm	695	895	1095	1295	1495
B	mm	599	599	599	599	599
C	mm	679	679	679	679	679
D	mm	129	129	129	129	129
E	mm	150	150	150	150	150
Net weight	kg	13,5	15,5	19,5	22,5	25,5
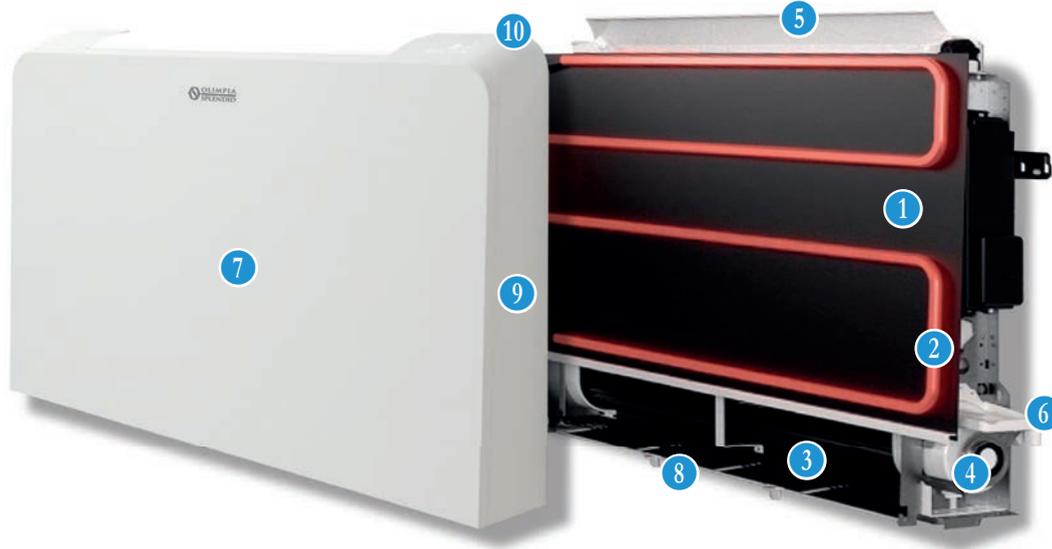
1 Heat exchange coil

2 High Efficiency Coil

3 Tangential fan

4 Electric motor with resin-coated pack

5 Air supply flap and anti-intrusion supply grid

6 Condensation collector basin

7 Front body panel in electro-galvanised sheet steel

8 Anti-intrusion intake grid

9 Abs side panels

10 Touch control on machine (TR version)

MODEL			Bi2 SLR Air inverter				
			200	400	600	800	1000
Total cooling capacity (a)	(E)	kW	0,82	1,74	2,54	3,29	3,78
Sensible cooling capacity (a)	(E)	kW	0,64	1,25	1,94	2,54	2,98
Water flow rate (a)		lt/h	142	302	446	573	655
Water pressure loss (a)	(E)	kPa	13,1	8,2	19	18,7	18,2
Heating capacity (50°C) (b)	(E)	kW	1,05	2,31	3,12	4,10	4,67
Water flow rate (50°C) (b)		lt/h	84	185	249	329	374
Water pressure loss (50°C) (b)	(E)	kPa	10,9	6,8	15,8	15,5	15,1
Heating capacity (70°C) (c)		kW	1,77	3,88	5,21	6,88	7,83
Water flow rate (70°C) (c)		lt/h	152	334	448	592	673
Water pressure loss (70°C) (c)		kPa	10,9	7,0	14,3	12,7	12,5
Battery water capacity		l	0,47	0,8	1,13	1,46	1,8
Maximum operating pressure		bar	10	10	10	10	10
Water connections		inches	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4
Air flow min (d)		m3/h	100	170	180	370	420
Air flow max (d)		m3/h	160	320	460	575	650
Absorbed power min	(E)	W	5	6	7	8	9
Absorbed power max	(E)	W	11	19	20	24	27
Sound power min Lw	(E)	dB(A)	38	39	41	42	42
Sound power max Lw	(E)	dB(A)	52	53	53	54	54
Sound pressure (f)		dB(A)	34	36	37	35	38
Electrical supply		V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Max capacity static heating (50°C)		kW	0,37	0,42	0,50	0,62	0,77
Max capacity static heating (70°C)		kW	0,59	0,71	0,84	1,04	1,28
Water content heating panel		l	0,19	0,27	0,35	0,43	0,5

Performance at maximum ventilation speed

(a) Water temperature in battery inlet 7°C, water temperature in battery outlet 12°C, ambient air temperature 27°C b.s. and 19°C b.u.

(b) Water temperature in battery inlet 50°C, water flow in cooling + panel, inlet ambient air temperature 20°C

(c) Water temperature in battery inlet 70°C, water temperature in battery outlet 60°C, ambient air temperature inlet 20°C

(d) Air flow measured with clean filters

(E) Eurovent certificate

(f) Sound pressure measured at 1,5 m

ACCESSORIES **SLR** Air inverter

Accessories **control TR**

	CODE	DESCRIPTION	COMPATIBILITY
ON BOARD CONTROL	**STANDARD**	The TR (Touch Remote) command envisions a touch control on the machine and a remote control unit (supplied). Furthermore, via a selection of keys, remote control is possible with an Olimpia Splendid wall control unit or home automation, through the Modbus RS485 signal protocol.	B0736 **AQUADUE** CONTROL My Home by **bticino**
REMOTE CONTROL	**B0736**	LCD **wall clock thermostat remote** control kit. Programmable wall LCD thermostat control for MODBUS connection, RS485. Ability to control up to 30 units. Desired temperature selection, operation mode, fan speed, manual/programmable thermostat. Room sensor inserted in control. Backlit LCD. Presence contact input. The control is equipped with a 230/12VAC double insulation power transformer and a buffer battery. Wall installation with center to center distance compatible with standard recessed mounting box 503.	**AQUADUE** CONTROL
Addressing for Bticino management and AQUADUE Control	**INDRZ**	Mandatory factory addressing of the remote control kits in the case of remote management via Modbus connection with AQUADUE Control or Bticino MYHome	

Accessories **control AR**

	CODE	DESCRIPTION	COMPATIBILITY
ON BOARD CONTROL	**STANDARD**	The AR (Analogic Remote) model allows the universal remoting to be configured for all wall-installed-controls and the home automation systems, through the 0-10V analogue or 4 speed digital signal protocol.	

	CODE	DESCRIPTION
HYDRAULIC KITS	B0832	**2-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a valve with thermoelectric actuator and holder, the first allows for the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses. This kit is mandatory in version SLR except in the case of using a 3-way valve kit or in the presence of a collector with thermoelectric heads.
	B0834	**3-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a three-way diverter valve with thermoelectric actuator, and a holder. The first allows the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses; the by-pass keeps water circulating in the system. This kit is an alternative to the 2-way solenoid valve kit (required in version SLR).
	B0205	**Manual 2-way group valves kit.** Consisting of a valve and a holder, the first allows the cabinet to be manually excluded from the system, while the holder allows the balancing of system load losses.
	B0204	**Manual 2-way valve isolation kit.** Avoids condensation during the cooling operation (already included in the other thermoelectric hydraulic kits).
	B0501	**Spacer kit (No. 1 unit) 3/4 Eurokonus.** Available for multilayer pipes d. 20 mm. (which do not allow adequate bending radii), no. 1 or 2 kit. for machine according to the type of installation.
	B0200 B0201	**Adaptors couple kit.** Allows you to transform the Bi2 3/4 " Eurocone connection into a standard 1/2 "(B0200) or 3/4 " (B0201) gas thread connection.
	B0203	**Kit 90° Eurokonus bend.** Facilitates the connection in case of hydraulic connections with walled pipes
ELECTRICAL KITS	B0839	**Control connection extension kit.** Power and motor sensor electric connection cable for installations where connection positions are rotated (from Left to Right).
RECESSED KIT	B0853	**Feet kit for smart Bi2 air.** Kit of two aesthetic feet for coverage of any floor pipes. Available in white.
	B0852	**Floor fixing bracket kit Bi2 air** Kit support brackets and mounting the floor of the terminal (applications front windows or on non-bearing walls). It also has the function of aesthetic kit (color off white).
	B0847 (200) B0848 (400) B0849 (600) B0850 (800) B0851 (1000)	**Back panel in painted sheet (for front glass applications).**

Bi2 Air
SL Air inverter

The fan coil with **Integral Design**. With **Multiset Control** for all configurations

Design by S. Ercoli & A. Garlandini

Remote control supplied

MULTISET CONTROL

CONTROL TR (Touch Remote):
model envisions touch control on the machine and a remote control unit (supplied). Furthermore, via a selection of keys, remote control is possible with an Olimpia Splendid wall control unit or home automation, through the Modbus RS485 signal protocol.

CONTROL AR (Analogic Remote):
model allows universal remoting to be configured for all wall-installed control units and home automation systems, through the 0-10V analogue or 4 speed digital signal protocol.

*touch control on the machine and remote control disabled

FEATURES

Cools, Dehumidifies, Heats and Filters

Essential aesthetics with intake from the lower side

Metal front panel, sides in ABS

Compact: thickness of just 12,9 cm, max 15 cm

5 sizes available

DC brushless Motor

Unique front body for comfortable working

Motorised, steel air supply flap

Anti-intrusion grids on air intake and outlet

Removable filters on air intake

Remote control unit supplied (for TR control only)

Installation:

floor   wall   cieling*

Available in colors: ☐ White RAL 9003

MODEL		Bi2 SL Air inverter				
		SL air 200	SL air 400	SL air 600	SL air 800	SL air 1000
Bi2 SL air with command TR	code	01851	01852	01853	01854	01855
Bi2 SL air with command AR	code	01767	01768	01769	01770	01771
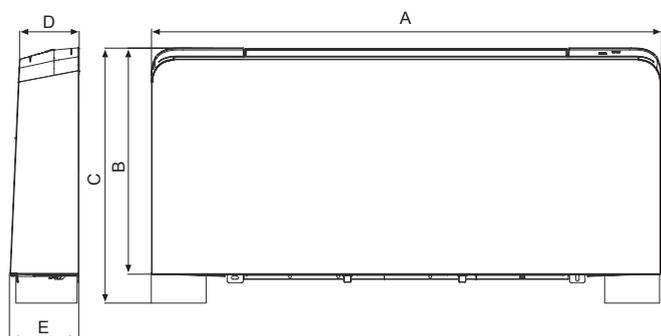
		200	400	600	800	1000
A	mm	695	895	1095	1295	1495
B	mm	599	599	599	599	599
C	mm	679	679	679	679	679
D	mm	129	129	129	129	129
E	mm	150	150	150	150	150
Net weight	kg	11,5	13,0	15,5	18,5	21,5

* Needed ceiling mounting kit and feet kit

Legend	Legend
1 Heat exchange coil	6 Front body panel in electro-galvanised sheet steel
2 Tangential fan	7 Anti-intrusion intake grid
3 Electric motor with resin-coated pack	8 Abs side panels
4 Air supply flap and anti-intrusion supply grid	9 Touch control on machine (TR version)
5 Condensation collector basin	

MODEL			Bi2 SL Air inverter				
			200	400	600	800	1000
Total cooling capacity (a)	(E)	kW	0,82	1,74	2,54	3,29	3,78
Sensible cooling capacity (a)	(E)	kW	0,64	1,25	1,94	2,54	2,98
Water flow rate (a)		lt/h	142	302	446	573	655
Water pressure loss (a)	(E)	kPa	13,1	8,2	19	18,7	18,2
Heating capacity (50°C) (b)	(E)	kW	1,05	2,31	3,12	4,10	4,67
Water flow rate (50°C) (b)		lt/h	84	185	249	329	374
Water pressure loss (50°C) (b)	(E)	kPa	10,9	6,8	15,8	15,5	15,1
Heating capacity (70°C) (c)		kW	1,77	3,88	5,21	6,88	7,83
Water flow rate (70°C) (c)		lt/h	152	334	448	592	673
Water pressure loss (70°C) (c)		kPa	10,9	7,0	14,3	12,7	12,5
Battery water capacity		l	0,47	0,8	1,13	1,46	1,8
Maximum operating pressure		bar	10	10	10	10	10
Water connections		inches	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4
Air flow min (d)		m3/h	100	170	180	370	420
Air flow max (d)		m3/h	160	320	460	575	650
Absorbed power min	(E)	W	5	6	7	8	9
Absorbed power max	(E)	W	11	19	20	24	27
Sound power min Lw	(E)	dB(A)	38	39	41	42	42
Sound power max Lw	(E)	dB(A)	52	53	53	54	54
Sound pressure (f)		dB(A)	34	36	37	35	38
Electrical supply		V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50

Performance at maximum ventilation speed
(a) Water temperature in battery inlet 7°C, water temperature in battery outlet 12°C, ambient air temperature 27°C b.s. and 19°C b.u.
(b) Water temperature in battery inlet 50°C, water flow in cooling + panel, inlet ambient air temperature 20°C
(c) Water temperature in battery inlet 70°C, water temperature in battery outlet 60°C, ambient air temperature inlet 20°C
(d) Air flow measured with clean filters
(E) Eurovent certificate
(f) Sound pressure measured at 1,5 m

ACCESSORIES Bi2 Air

Accessories control TR

|	CODE	DESCRIPTION	COMPATIBILITY
ON BOARD CONTROL	STANDARD	The TR (Touch Remote) command envisions a touch control on the machine and a remote control unit (supplied). Furthermore, via a selection of keys, remote control is possible with an Olimpia Splendid wall control unit or home automation, through the Modbus RS485 signal protocol.	B0736 AQUADUE CONTROL My Home by bticino
REMOTE CONTROL	B0736	LCD **wall clock thermostat remote** control kit. Programmable wall LCD thermostat control for MODBUS connection, RS485. Ability to control up to 30 units. Desired temperature selection, operation mode, fan speed, manual/programmable thermostat. Room sensor inserted in control. Backlit LCD. Presence contact input. The control is equipped with a 230/12VAC double insulation power transformer and a buffer battery. Wall installation with center to center distance compatible with standard recessed mounting box 503.	AQUADUE CONTROL
Addressing for Bticino management and AQUADUE Control	INDRZ	Mandatory factory addressing of the remote control kits in the case of remote management via Modbus connection with AQUADUE Control or Bticino MYHome	

Accessories control AR

	CODE	DESCRIPTION	COMPATIBILITY
ON BOARD CONTROL	STANDARD	The AR (Analogic Remote) model allows the universal remoting to be configured for all wall-installed-controls and the home automation systems, through the 0-10V analogue or 4 speed digital signal protocol.	B0151 B0152
REMOTE CONTROL	B0151 OUT OF STOCK	**Wall control kit** with thermostat, summer/winter selector and speed switch. Wall thermostat with room sensor, On-Off switch, three-speed fan and summer/winter selector. Temperature range setting from 5 ° C to 30 ° C. 230 V supply. It has two 230VAC hot water and cold water solenoid outlets and an inlet water temperature sensor.	
	B0152	**Recessed control kit** LCD with ambient sensor and thermostat, summer/winter selector and speed switch.Electronic recessed thermostat with ambient sensor, On-Off switch, fan speed selector (min, med, max and auto), ambient temperature, minimum water sensor mode and summer/winter selector. Temperature range setting from 5 ° C to 30 ° C. 230 V supply.	

CODE	DESCRIPTION
B0832	**2-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a valve with thermoelectric actuator and holder, the first allows for the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses. This kit is mandatory in version SLR except in the case of using a 3-way valve kit or in the presence of a collector with thermoelectric heads.
B0834	**3-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a three-way diverter valve with thermoelectric actuator, and a holder. The first allows the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses; the by-pass keeps water circulating in the system. This kit is an alternative to the 2-way solenoid valve kit (required in version SLR).
B0205	**Manual 2-way group valves kit.** Consisting of a valve and a holder, the first allows the cabinet to be manually excluded from the system, while the holder allows the balancing of system load losses.
B0204	**Manual 2-way valve isolation kit.** Avoids condensation during the cooling operation (already included in the other thermoelectric hydraulic kits).
B0501	**Spacer kit (No. 1 unit) 3/4 Eurokonus.** Available for multilayer pipes d. 20 mm. (which do not allow adequate bending radii), no. 1 or 2 kit. for machine according to the type of installation.
B0200 **B0201**	**Adaptors couple kit.** Allows you to transform the Bi2 3/4 " Eurocone connection into a standard 1/2 "(B0200) or 3/4 " (B0201) gas thread connection.
B0203	**Kit 90° Eurokonus bend.** Facilitates the connection in case of hydraulic connections with walled pipes
B0839	**Control connection extension kit.** Power and motor sensor electric connection cable for installations where connection positions are rotated (from Left to Right).
B0853	**Feet kit for smart Bi2 air.** Kit of two aesthetic feet for coverage of any floor pipes. Available in white.
B0852	**Floor fixing bracket kit Bi2 air** Kit support brackets and mounting the floor of the terminal (applications front windows or on non-bearing walls). It also has the function of aesthetic kit (color off white).
B0847 (200) **B0848** (400) **B0849** (600) **B0850** (800) **B0851** (1000)	**Back panel in painted sheet (for front glass applications).**
B0520 (200) **B0521** (400) **B0522** (600) **B0523** (800) **B0524** (1000)	**Bi2 ceiling installation kit (Excluding versions SLR)**

HYDRAULIC KITS

ELECTRICAL KITS

RECESSED KIT

Bi2 wall
SLW inverter

Hydronic, reversible and ultraslim **high-wall fan coil**.
With Multiset Control for all configurations.

GOOD DESIGN

BI2 wall is the winner of the GOOD DESIGN AWARD. Founded in Chicago in 1950, GOOD DESIGN is the oldest and most acknowledged international competition for design excellence.

EUROVENT CERTIFIED PERFORMANCE
www.eurovent-certification.com

Design by S. Ercoli & A. Garlandini

Remote control supplied

FEATURES

Cools, Dehumidifies, Heats and Filters

3 sizes available

Touch controls on the machine (TR control)

DC brushless Motor

Fitted with large motorised flap

Total flat aesthetic

Adjustable environment thermostat

Functioning mode selection (cooling, heating, ventilation only, automatic, dehumidification)

Ventilation program selection (min, med, max)

Timer

Remote control unit supplied (for TR control only)

Strong metal body

Installation:
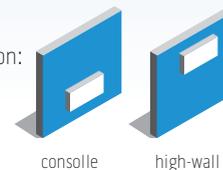
consolle   high-wall

Available in colors: ☐ White RAL 9003

MULTISET CONTROL

CONTROL TR (Touch Remote):
model envisions touch control on the machine and a remote control unit (supplied). Furthermore, via a selection of keys, remote control is possible with an Olimpia Splendid wall control unit or home automation, through the Modbus RS485 signal protocol.

CONTROL AR (Analogic Remote):
model allows universal remoting to be configured for all wall-installed control units and home automation systems, through the 0-10V analogue or 4 speed digital signal protocol.

*touch control on the machine and remote control disabled

MODEL		Bi2 Wall SLW inverter		
		SLW 400	SLW 600	SLW 800
Bi2 Wall with 2-way valve and TR command	code	01784	01785	01786
Bi2 Wall with 3-way valve and TR command	code	01787	01788	01789
Bi2 Wall with 2-way valve and AR command	code	01875	01876	01877
Bi2 Wall with 3-way valve and AR command	code	01878	01879	01880

As per standard: valve unit with thermo-electric actuator with 4 wires and holder
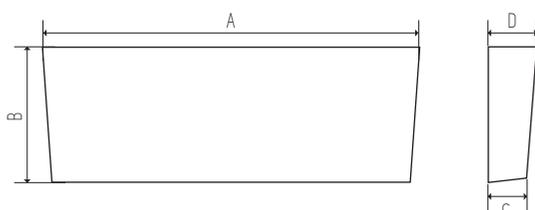
		SLW 400	SLW 600	SLW 800
A	mm	906	1106	1306
B	mm	380	380	380
C	mm	129	129	129
D	mm	150	150	150
Weight	kg	13	14,5	16

Bi2 Wall is the first hydronic terminal that can be installed as a split or as a console, by simply rotating the display on installation. Depending on the installation configuration, the digits of the display are rotated with a combination of keys on the command located on the machine.

In the split configuration, the water attachments are positioned on the right and the display is positioned on the left. In the console configuration, the water attachments are positioned on the left and the display is positioned on the right.

Fitted with large motorised flap

MODEL			**Bi2 Wall SLW inverter**		
			SLW 400	SLW 600	SLW 800
Total cooling capacity (a)	(E)	kW	1,01	1,23	1,82
Sensible cooling capacity (a)	(E)	kW	0,91	1,15	1,47
Water flow rate (a)		lt/h	174	214	313
Water pressure loss (a)	(E)	kPa	8,91	7,89	11,0
Heating capacity (50°C) (b)	(E)	kW	1,55	2,16	2,85
Water flow rate (50°C) (b)		lt/h	133	185	245
Water pressure loss (50°C) (b)	(E)	kPa	7,1	2,5	8,8
Heating capacity (70°C) (c)		kW	2,70	3,79	4,93
Water flow rate (70°C) (c)		lt/h	232	326	424
Water pressure loss (70°C) (c)		kPa	10,4	4,8	13,7
Battery water capacity		l	0,3	0,4	0,5
Maximum operating pressure		bar	8	8	8
Water connections		inches	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4
Air flow min (d)		m3/h	155	250	255
Air flow max (d)		m3/h	290	400	430
Absorbed power min	(E)	W	7	8	9
Absorbed power max	(E)	W	19	23	27
Sound power min Lw	(E)	dB(A)	43	43	43
Sound power max Lw	(E)	dB(A)	57	58	58
Sound pressure (f)		dB(A)	39	40	40
Electrical supply		V/ph/Hz	230/1/50	230/1/50	230/1/50

Performance at maximum ventilation speed
(a) Water temperature in battery inlet 7°C, water temperature in battery outlet 12°C, ambient air temperature 27°C b.s. and 19°C b.u.
(b) Water temperature in battery inlet 50°C, water flow in cooling + panel, inlet ambient air temperature 20°C
(c) Water temperature in battery inlet 70°C, water temperature in battery outlet 60°C, ambient air temperature inlet 20°C
(d) Air flow measured with clean filters
(E) Eurovent certificate
(f) Sound pressure measured at 1,5 m

ACCESSORIES SLW

Accessories control TR

	CODE	DESCRIPTION	COMPATIBILITY
ON BOARD CONTROL	STANDARD	The TR (Touch Remote) command envisions a touch control on the machine and a remote control unit (supplied). Furthermore, via a selection of keys, remote control is possible with an Olimpia Splendid wall control unit or home automation, through the Modbus RS485 signal protocol.	B0736 AQUADUE CONTROL My Home by bticino
REMOTE CONTROL	B0736	LCD **wall clock thermostat remote** control kit. Programmable wall LCD thermostat control for MODBUS connection, RS485. Ability to control up to 30 units. Desired temperature selection, operation mode, fan speed, manual/programmable thermostat. Room sensor inserted in control. Backlit LCD. Presence contact input. The control is equipped with a 230/12VAC double insulation power transformer and a buffer battery. Wall installation with center to center distance compatible with standard recessed mounting box 503.	AQUADUE CONTROL
	Addressing for Bticino management and AQUADUE Control — INDRZ	Mandatory factory addressing of the remote control kits in the case of remote management via Modbus connection with AQUADUE Control or Bticino MYHome	

Accessories control AR

	CODE	DESCRIPTION	COMPATIBILITY
ON BOARD CONTROL	STANDARD	The AR (Analogic Remote) model allows the universal remoting to be configured for all wall-installed-controls and the home automation systems, through the 0-10V analogue or 4 speed digital signal protocol.	B0151 B0152
REMOTE CONTROL	B0151 OUT OF STOCK	**Wall control kit** with thermostat, summer/winter selector and speed switch. Wall thermostat with room sensor, On-Off switch, three-speed fan and summer/winter selector. Temperature range setting from 5 ° C to 30 ° C. 230 V supply. It has two 230VAC hot water and cold water solenoid outlets and an inlet water temperature sensor.	
	B0152	**Recessed control kit** LCD with ambient sensor and thermostat, summer/winter selector and speed switch. Electronic recessed thermostat with ambient sensor, On-Off switch, fan speed selector (min, med, max and auto), ambient temperature, minimum water sensor mode and summer/winter selector. Temperature range setting from 5 ° C to 30 ° C. 230 V supply.	

FAMILY FEELING

Bi2 Air - Bi2 Wall

As well as being ultraslim, the design of the Bi2 Air and Bi2 Wall models has been developed with a view to creating products that have a family feeling with each other. That is, having close linked visual and elements and shape, in order to install them in one room, or also in different rooms, while maintaining common aesthetics. Furthermore, both machines can mount the same control as per standard (TR Touch Remote Control or AR Analogue Remote Control).

Design by S. Ercoli & A. Garlandini

ULTRASLIM DESIGN

MULTISET CONTROL

MADE IN ITALY

REVERSIBLE INSTALLATION **HIGH WALL** OR LOW WALL **(CONSOLLE)**

ULTRASLIM

MULTISET CONTROL

RADIANT TECHNOLOGY®

MADE IN ITALY

Bi2 smart
SLR smart inverter
Total flat inverter fan coil radiator.
No unsightly grill, total and perfect integration with the environment.

BI2 is the winner of the GOOD DESIGN AWARD 2014. Founded in Chicago in 1950, GOOD DESIGN is the oldest and most acknowledged international competition for design excellence.

EUROVENT CERTIFIED PERFORMANCE
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FEATURES

Cools, Dehumidifies, Heats and Filters

Terminal with integrated heating panel

Compact: thickness of just 12,9 cm

Range consists of 5 power models

DC brushless Motor

Smart sides

Total Flat Aesthetic with integrated vacuum system

installation:

floor   wall

Available in colors: ☐ White Ral 9010

Design by S. Ercoli & A. Garlandini
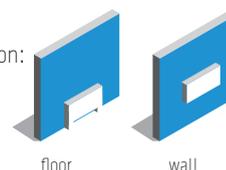
MODEL		BI2 Smart with heating panel (SLR Smart Inverter)				
		SLR smart 200	SLR smart 400	SLR smart 600	SLR smart 800	SLR smart 1000
White	cod.	01629	01630	01631	01632	01633
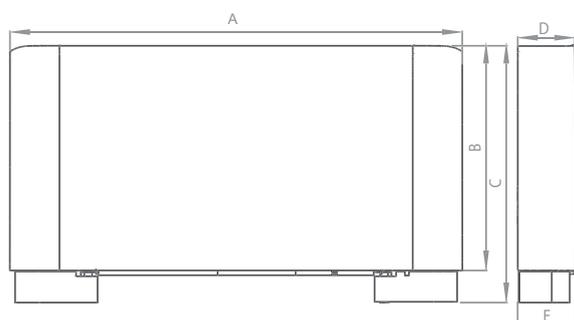
		200	400	600	800	1000
A	mm	759	959	1159	1359	1559
B	mm	579	579	579	579	579
C	mm	659	659	659	659	659
D	mm	129	129	129	129	129
E	mm	150	150	150	150	150
Weight	kg	13,5	15,5	19,5	22,5	25,5

OLIMPIA
SPLENDID
HOME OF COMFORT

1 Valve with thermoelectric actuator (accessory kit)

2 Tubular heating panel

3 High Efficiency Coil

4 Water temperature sensor

5 High efficiency tangential fan

6 Condensation collector basin

7 DC brushless inverter motor

8 Electronic controls (accessory kit)

TANGENTIAL TECH
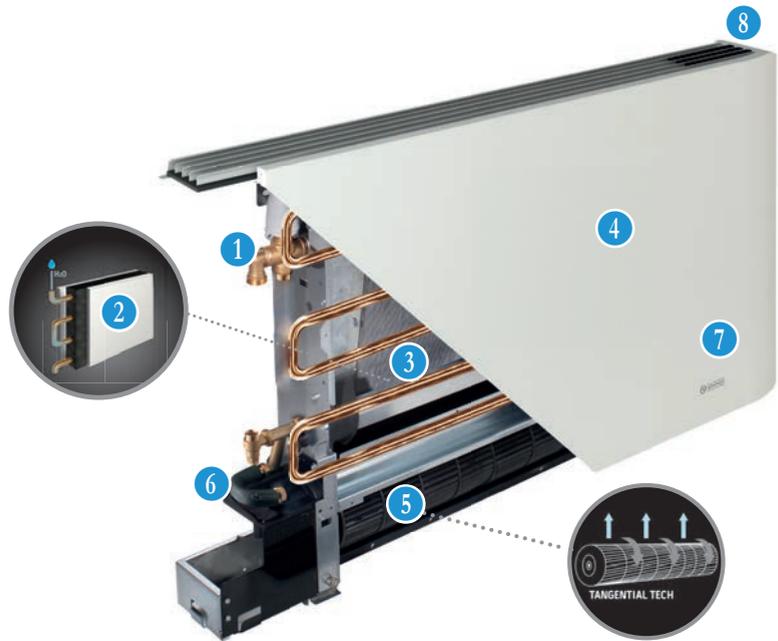
MODEL			B12 SLR smart inverter				
			200	400	600	800	1000
Total cooling capacity (a)	(E)	kW	0,82	1,74	2,54	3,29	3,78
Sensible cooling capacity (a)	(E)	kW	0,64	1,25	1,94	2,54	2,98
Water flow rate (a)		lt/h	142	302	446	573	655
Water pressure loss (a)	(E)	kPa	13,1	8,2	19	18,7	18,2
Heating capacity (50°C) (b)	(E)	kW	1,05	2,31	3,12	4,10	4,67
Water flow rate (50°C) (b)		lt/h	84	185	249	329	374
Water pressure loss (50°C) (b)	(E)	kPa	10,9	6,8	15,8	15,5	15,1
Heating capacity (70°C) (c)		kW	1,77	3,88	5,21	6,88	7,83
Water flow rate (70°C) (c)		lt/h	152	334	448	592	673
Water pressure loss (70°C) (c)		kPa	10,9	7,0	14,3	12,7	12,5
Battery water capacity		l	0,47	0,8	1,13	1,46	1,8
Maximum operating pressure		bar	10	10	10	10	10
Water connections		inches	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4
Air flow min (d)		m³/h	100	170	180	370	420
Air flow max (d)		m³/h	160	320	460	575	650
Absorbed power min	(E)	W	5	6	7	8	9
Absorbed power max	(E)	W	11	19	20	24	27
Sound power min Lw	(E)	dB(A)	38	39	41	42	42
Sound power max Lw	(E)	dB(A)	52	53	53	54	54
Sound pressure (f)		dB(A)	34	36	37	35	38
Electrical supply		V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Max capacity static heating (50°C)		kW	0,37	0,42	0,50	0,62	0,77
Max capacity static heating (70°C)		kW	0,59	0,71	0,84	1,04	1,28
Water content heating panel		l	0,3	0,5	0,6	0,7	0,9

Performance at maximum ventilation speed
(a) Water temperature in battery inlet 7°C, water temperature in battery outlet 12°C, ambient air temperature 27°C b.s. and 19°C b.u.
(b) Water temperature in battery inlet 50°C, water flow in cooling + panel, inlet ambient air temperature 20°C
(c) Water temperature in battery inlet 70°C, water temperature in battery outlet 60°C, ambient air temperature inlet 20°C
(d) Air flow measured with clean filters
(E) Eurovent certificate
(f) Sound pressure measured at 1,5 m

	CODE	DESCRIPTION	COMPATIBILITY
ON BOARD CONTROL	**B0673**	**Built-in** electronic autonomous control kit. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor connection, and two 230VAC outlets for the control of 2 solenoid valves.	
	B0828 NEW	**Touch flat design built-in** control kit. Back-lit display with desired temperature visualization, real-touch switches, mode of operation and fan speed selection. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor contact connection, a 230VAC outlet for the solenoid valve control. Remote control provided. Can be remote controlled via a combination of keys for connection with Modbus RS485 protocol. **Command pre-configured on the machine (cannot be ordered separately).**	B0736 AQUADUE CONTROL My Home by bticino
REMOTE CONTROL	**B0685** OUT OF STOCK	Bi2 inverter control kit **for remotization**. The main operating parameters, set point and ambient temperature are transmitted from the remote control B0736 to all connected fan coils on the network, enabling a seamless operation. It has a 230VAC outlet for the control of a solenoid valve, two clean contacts for the control of a chiller or a boiler, and a presence inlet. Operation in MODBUSprotocol, RS485.	B0736 AQUADUE CONTROL My Home by bticino
	B0756	Control kit **for remotization** for the management and control through analogic inlet 0-10V or contacts. It has a 230VAC outlet for the control of one solenoid valve and a water sensor inlet with minimum temperature sensor function (in the contact mode)	
	B0736	LCD **wall clock thermostat remote** control kit. Programmable wall LCD thermostat control for MODBUS connection, RS485. Ability to control up to 30 units. Desired temperature selection, operation mode, fan speed, manual/programmable thermostat. Room sensor inserted in control. Backlit LCD. Presence contact input. The control is equipped with a 230/12VAC double insulation power transformer and a buffer battery. Wall installation with center to center distance compatible with standard recessed mounting box 503.	B0828 B0685 AQUADUE CONTROL
Addressing for Bticino management and AQUADUE Control	**INDRZ**	Mandatory factory addressing of the remote control kits in the case of remote management via Modbus connection with AQUADUE Control or Bticino MYHome	

OLIMPIA
SPLENDID
HOME OF COMFORT

INTEGRATED SYSTEMS
AIR CONDITIONING
AIR TREATMENT
HEATING

	CODE	DESCRIPTION
HYDRAULIC KITS	B0139 B0832	**2 way group valves with thermoelectric actuator kit.** **2-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a valve with thermoelectric actuator and holder, the first allows for the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses. This kit is mandatory in version SLR except in the case of using a 3-way valve kit or in the presence of a collector with thermoelectric heads.
	B0641 B0833	**2-way valves group kit with thermoelectric actuator and bypass branch with pressure relief valve.** **2-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch and by-pass branch with pressure-relief valve.** The kit consists of a valve with thermoelectric actuator, a holder and a bypass with a pressure relief valve, the first allows the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses while the by-pass maintains the system balanced even with cabinet excluded. This kit is an alternative to the 2-way solenoid valve kit. (Required in SLR version)
	B0635 B0834	**3-way group valves kit with thermoelectric actuator.** **3-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a three-way diverter valve with thermoelectric actuator, and a holder. The first allows the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses; the by-pass keeps water circulating in the system. This kit is an alternative to the 2-way solenoid valve kit (required in version SLR).
		The valve unit kits with thermoelectric actuator are recommended for the following command kits to activate chiller and boiler: B0659 - B0673 - B0707 - B0774 - B0772 - B0828 - B0756
	B0205	**Manual 2-way group valves kit.** Consisting of a valve and a holder, the first allows the cabinet to be manually excluded from the system, while the holder allows the balancing of system load losses. Also allowed when solenoid valves on the collector are managed by the control kit of terminal Bi2.
	B0204	**Manual 2-way valve isolation kit.** Avoids condensation during the cooling operation (already included in the other thermoelectric hydraulic kits).
	B0501	**Spacer kit (No. 1 unit) 3/4 Eurokonus.** Available for multilayer pipes d. 20 mm. (which do not allow adequate bending radii), no. 1 or 2 kit. for machine according to the type of installation.
	B0200 B0201	**Adaptors couple kit.** Allows you to transform the Bi2 3/4 " Eurocone connection into a standard 1/2 "(B0200) or 3/4 " (B0201) gas thread connection.
	B0203	**kit 90° Eurokonus bend.** Facilitates the connection in case of hydraulic connections with walled pipes
ELECTRICAL KITS	B0632 (200) (400) (600) B0633 (800) (1000)	**Control connection extension kit.** Power and motor sensor electric connection cable for installations where connection positions are rotated (from Left to Right) .
AESTHETICAL KITS	B0682	**Feet kit for smart Bi2.** Kit of two aesthetic feet for coverage of any floor pipes. Available in white.
	B0683	**Floor fixing bracket kit Bi2 smart.** Kit support brackets and mounting the floor of the terminal (applications front windows or on non-bearing walls). It also has the function of aesthetic kit (color off white).
	B0677 (200) B0678 (400) B0679 (600) B0680 (800) B0681 (1000)	**Back panel in painted sheet (For front glass applications).**

Bi2 smart
SL smart inverter

Total flat **inverter** fan coil radiator.
No unsightly grill: total and perfect integration with the building.

Design by S. Ercoli & A. Garlandini

EUROVENT CERTIFIED PERFORMANCE
www.eurovent-certification.com

FEATURES

Cools, Dehumidifies, Heats and Filters

Compact: thickness of just 12,9 cm

Range consists of 5 power models

DC brushless Motor

Smart sides

Total Flat Aesthetic with integrated vacuum system

installation:
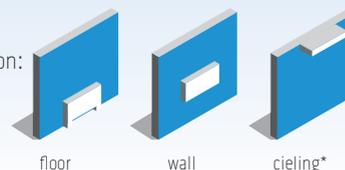
floor   wall   cieling*

Available in colors: ☐ White RAL 9010

BI2 is the winner of the GOOD DESIGN AWARD 2014. Founded in Chicago in 1950, GOOD DESIGN is the oldest and most acknowledged international competition for design excellence.

MODEL		BI2 smart without heating panel (SL Smart Inverter)				
		SL smart inverter 200	SL smart inverter 400	SL smart inverter 600	SL smart inverter 800	SL smart inverter 1000
White	cod.	01634	01635	01636	01637	01638

		200	400	600	800	1000
A	mm	759	959	1159	1359	1559
B	mm	579	579	579	579	579
C	mm	659	659	659	659	659
D	mm	129	129	129	129	129
E	mm	150	150	150	150	150
Weight	kg	11,5	13	15,5	18,5	21,5

* Front basin kit and feet kit are necessary

OLIMPIA SPLENDID
HOME OF COMFORT

1 Valve with thermoelectric actuator (accessory kit)

2 High Efficiency Coil

3 Water temperature sensor

4 High efficiency tangential fan

5 Condensation collector basin

6 DC brushless inverter motor

7 Electronic controls (accessory kit)

TANGENTIAL TECH

MODEL			B12 SL smart inverter				
			200	400	600	800	1000
Total cooling capacity (a)	(E)	kW	0,82	1,74	2,54	3,29	3,78
Sensible cooling capacity (a)	(E)	kW	0,64	1,25	1,94	2,54	2,98
Water flow rate (a)		lt/h	142	302	446	573	655
Water pressure loss (a)	(E)	kPa	13,1	8,2	19	18,7	18,2
Heating capacity (50°C) (b)	(E)	kW	1,05	2,31	3,12	4,10	4,67
Water flow rate (50°C) (b)		lt/h	84	185	249	329	374
Water pressure loss (50°C) (b)	(E)	kPa	10,9	6,8	15,8	15,5	15,1
Heating capacity (70°C) (c)		kW	1,77	3,88	5,21	6,88	7,83
Water flow rate (70°C) (c)		lt/h	152	334	448	592	673
Water pressure loss (70°C) (c)		kPa	10,9	7,0	14,3	12,7	12,5
Battery water capacity		l	0,47	0,8	1,13	1,46	1,8
Maximum operating pressure		bar	10	10	10	10	10
Water connections		inches	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4
Air flow min (d)		m³/h	100	170	180	370	420
Air flow max (d)		m³/h	160	320	460	575	650
Absorbed power min	(E)	W	5	6	7	8	9
Absorbed power max	(E)	W	11	19	20	24	27
Sound power min Lw	(E)	dB(A)	38	39	41	42	42
Sound power max Lw	(E)	dB(A)	52	53	53	54	54
Sound pressure (f)		dB(A)	34	36	37	35	38
Electrical supply		V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50

Performance at maximum ventilation speed
(a) Water temperature in battery inlet 7°C, water temperature in battery outlet 12°C, ambient air temperature 27°C b.s. and 19°C b.u.
(b) Water temperature in battery inlet 50°C, water flow in cooling + panel, inlet ambient air temperature 20°C
(c) Water temperature in battery inlet 70°C, water temperature in battery outlet 60°C, ambient air temperature inlet 20°C
(d) Air flow measured with clean filters
(E) Eurovent certificate
(f) Sound pressure measured at 1,5 m

ACCESSORIES SL smart inverter

	CODE	DESCRIPTION	COMPATIBILITY
ON BOARD CONTROL	**B0673**	**Built-in** electronic autonomous control kit. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor connection, and two 230VAC outlets for the control of 2 solenoid valves.	
	B0828 NEW	**Touch flat design built-in** control kit. Back-lit display with desired temperature visualization, real-touch switches, mode of operation and fan speed selection. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor contact connection, a 230VAC outlet for the solenoid valve control. Remote control provided. Can be remote controlled via a combination of keys for connection with Modbus RS485 protocol. **Command pre-configured on the machine (cannot be ordered separately).**	B0736 AQUADUE CONTROL My Home by bticino
REMOTE CONTROL	**B0685** OUT OF STOCK	Bi2 inverter control kit **for remotization**. The main operating parameters, set point and ambient temperature are transmitted from the remote control B0736 to all connected fan coils on the network, enabling a seamless operation. It has a 230VAC outlet for the control of a solenoid valve, two clean contacts for the control of a chiller or a boiler, and a presence inlet. Operation in MODBUS protocol, RS485.	B0736 AQUADUE CONTROL My Home by bticino
	B0756	Control kit **for remotization** for the management and control through analogic inlet 0-10V or contacts. It has a 230VAC outlet for the control of one solenoid valve and a water sensor inlet with minimum temperature sensor function (in the contact mode)	B0151 B0152
	B0151 OUT OF STOCK	**Wall control kit** with thermostat, summer/winter selector and speed switch. Wall thermostat with room sensor, On-Off switch, three-speed fan and summer/winter selector. Temperature range setting from 5 ° C to 30 ° C. 230 V supply. It has two 230VAC hot water and cold water solenoid outlets and an inlet water temperature sensor.	B0756
	B0152	**Recessed control kit** LCD with ambient sensor and thermostat, summer/winter selector and speed switch. Electronic recessed thermostat with ambient sensor, On-Off switch, fan speed selector (min, med, max and auto), ambient temperature, minimum water sensor mode and summer/winter selector. Temperature range setting from 5 ° C to 30 ° C. 230 V supply.	B0756
	B0736	LCD **wall clock thermostat remote** control kit. Programmable wall LCD thermostat control for MODBUS connection, RS485. Ability to control up to 30 units. Desired temperature selection, operation mode, fan speed, manual/programmable thermostat. Room sensor inserted in control. Backlit LCD. Presence contact input. The control is equipped with a 230/12VAC double insulation power transformer and a buffer battery. Wall installation with center to center distance compatible with standard recessed mounting box 503.	B0828 B0685 AQUADUE CONTROL
Addressing for Bticino management and AQUADUE Control	**INDRZ**	Mandatory factory addressing of the remote control kits in the case of remote management via Modbus connection with AQUADUE Control or Bticino MYHome	

	CODE	DESCRIPTION
HYDRAULIC KITS	B0139 B0832	**2 way group valves with thermoelectric actuator kit.** **2-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a valve with thermoelectric actuator and holder, the first allows for the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses. This kit is mandatory in version SLR except in the case of using a 3-way valve kit or in the presence of a collector with thermoelectric heads.
	B0641 B0833	**2-way valves group kit with thermoelectric actuator and bypass branch with pressure relief valve.** **2-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch and by-pass branch with pressure-relief valve.** The kit consists of a valve with thermoelectric actuator, a holder and a bypass with a pressure relief valve, the first allows the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses while the by-pass maintains the system balanced even with cabinet excluded. This kit is an alternative to the 2-way solenoid valve kit. (Required in SLR version)
	B0635 B0834	**3-way group valves kit with thermoelectric actuator.** **3-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a three-way diverter valve with thermoelectric actuator, and a holder. The first allows the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses; the by-pass keeps water circulating in the system. This kit is an alternative to the 2-way solenoid valve kit (required in version SLR).
		The valve unit kits with thermoelectric actuator are recommended for the following command kits to activate chiller and boiler: B0659 - B0673 - B0707 - B0774 - B0772 - B0828 - B0756
	B0205	**Manual 2-way group valves kit.** Consisting of a valve and a holder, the first allows the cabinet to be manually excluded from the system, while the holder allows the balancing of system load losses. Also allowed when solenoid valves on the collector are managed by the control kit of terminal Bi2.
	B0204	**Manual 2-way valve isolation kit.** Avoids condensation during the cooling operation (already included in the other thermoelectric hydraulic kits).
	B0501	**Spacer kit (No. 1 unit) 3/4 Eurokonus.** Available for multilayer pipes d. 20 mm. (which do not allow adequate bending radii), no. 1 or 2 kit. for machine according to the type of installation.
	B0200 B0201	**Adaptors couple kit.** Allows you to transform the Bi2 3/4 " Eurocone connection into a standard 1/2 "(B0200) or 3/4 " (B0201) gas thread connection.
	B0203	**Kit 90° Eurokonus bend.** Facilitates the connection in case of hydraulic connections with walled pipes
ELECTRICAL KITS	B0632 (200) (400) (600) B0633 (800) (1000)	**Control connection extension kit.** Power and motor sensor electric connection cable for installations where connection positions are rotated (from Left to Right) .
AESTHETICAL KITS	B0682	**Feet kit for smart Bi2.** Kit of two aesthetic feet for coverage of any floor pipes. Available in white.
	B0683	**Floor fixing bracket kit Bi2 smart.** Kit support brackets and mounting the floor of the terminal (applications front windows or on non-bearing walls). It also has the function of aesthetic kit (color off white).
	B0677 (200) B0678 (400) B0679 (600) B0680 (800) B0681 (1000)	**Back panel in painted sheet (For front glass applications).**
	B0520 (200) B0521 (400) B0522 (600) B0523 (800) B0524 (1000)	**Bi2 ceiling installation kit (Excluding versions SLR and SLI)**

Bi2 smart
SL smart

Total flat fan coil radiator.

No unsightly grill: total and perfect integration with the building.

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FEATURES

Cools, Dehumidifies, Heats and Filters

Compact: thickness of just 12,9 cm

Range consists of 5 power models

AC Motor

Smart sides

Total Flat Aesthetic with integrated vacuum system
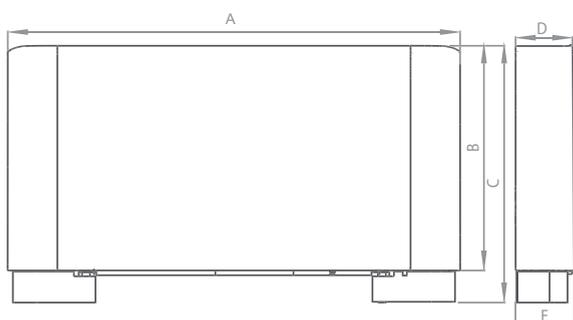
installation:
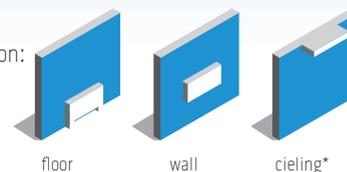
floor   wall   cieling*

Available in colors: ☐ White RAL 9010

Design by S. Ercoli & A. Garlandini

BI2 is the winner of the GOOD DESIGN AWARD 2014. Founded in Chicago in 1950, GOOD DESIGN is the oldest and most acknowledged international competition for design excellence.

MODEL		Bi2 smart without heating panel (SL smart)				
		SL smart 200	SL smart 400	SL smart 600	SL smart 800	SL smart 1000
White	cod.	01409	01410	01411	01412	01413

		200	400	600	800	1000
A	mm	759	959	1159	1359	1559
B	mm	579	579	579	579	579
C	mm	659	659	659	659	659
D	mm	129	129	129	129	129
E	mm	150	150	150	150	150
Weight	kg	11,5	13	15,5	18,5	21,5

* Front basin kit and feet kit are necessary

OLIMPIA SPLENDID
HOME OF COMFORT

1 Valve with thermoelectric actuator (accessory kit)

2 High Efficiency Coil

3 Water temperature sensor

4 High efficiency tangential fan

5 Condensation collector basin

6 Electronic controls (accessory kit)

TANGENTIAL TECH

MODEL			Bi2 SL smart				
			200	400	600	800	1000
Total cooling capacity (a)	(E)	kW	0,81	1,73	2,53	3,27	3,77
Sensible cooling capacity (a)	(E)	kW	0,63	1,24	1,96	2,52	2,97
Water flow rate (a)		lt/h	142	302	446	573	655
Water pressure loss (a)	(E)	kPa	13,1	8,2	19	18,7	18,2
Heating capacity (50°C) (b)	(E)	kW	1,05	2,31	3,12	4,10	4,67
Water flow rate (50°C) (b)		lt/h	84	185	249	329	374
Water pressure loss (50°C) (b)	(E)	kPa	12,2	6,8	15,8	15,5	15,1
Heating capacity (70°C) (c)		kW	1,77	3,88	5,21	6,88	7,83
Water flow rate (70°C) (c)		lt/h	152	334	448	592	673
Water pressure loss (70°C) (c)		kPa	10,9	7,0	14,3	12,7	12,5
Battery water capacity		l	0,47	0,8	1,13	1,46	1,8
Maximum operating pressure		bar	10	10	10	10	10
Water connections		inches	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4
Air flow min (d)		m³/h	100	170	180	370	420
Air flow max (d)		m³/h	160	320	460	575	650
Absorbed power min	(E)	W	6	9	9	17	19
Absorbed power max	(E)	W	17	28	35	38	43
Sound power min Lw	(E)	dB(A)	38	39	41	39	42
Sound power max Lw	(E)	dB(A)	52	53	53	54	54
Sound pressure (f)		dB(A)	34	36	37	35	38
Electrical supply		V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50

Performance at maximum ventilation speed
(a) Water temperature in battery inlet 7°C, water temperature in battery outlet 12°C, ambient air temperature 27°C b.s. and 19°C b.u.
(b) Water temperature in battery inlet 50°C, water flow in cooling + panel, inlet ambient air temperature 20°C
(c) Water temperature in battery inlet 70°C, water temperature in battery outlet 60°C, ambient air temperature inlet 20°C
(d) Air flow measured with clean filters
(E) Eurovent certificate
(f) Sound pressure measured at 1,5 m

	CODE	DESCRIPTION	COMPATIBILITY
ON BOARD CONTROL	**B0659**	**Built-in** electronic control kit. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor connection, and two 230VAC outlets for the control of 2 valves.	
	B0371 OUT OF STOCK	**Built-in** electronic control kit. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor contact connection, a 230VAC outlet for the solenoid valve control, and contacts to enable the boiler or chiller.	AQUADUE CONTROL
	B0855 NEW	**Touch flat design built-in** control kit. Back-lit display with desired temperature visualization, real-touch switches, mode of operation and fan speed selection. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor contact connection, a 230VAC outlet for the solenoid valve control. Remote control provided. Can be remote controlled via a combination of keys for connection with Modbus RS485 protocol. **Command pre-configured on the machine (cannot be ordered separately).**	B0736 AQUADUE CONTROL My Home by bticino
	B0772 OUT OF STOCK	Touch design **built-in** control kit. Back-lit display with desired temperature visualization, real-touch switches, mode of operation and fan speed selection. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor contact connection, a 230VAC outlet for the solenoid valve control. Remote control provided.	AQUADUE CONTROL
	B0658 OUT OF STOCK	**Built-in** electronic autonomous control kit without thermostat. Built-in control with speed selection and ventilation. It has a 230VAC outlet at for the control of a solenoid valve. It is fitted for connection of an enabling contact or outdoor thermostat (Minimum contact flow: 2A-250Vac).	B0336
REMOTE CONTROL	**B0372** OUT OF STOCK	Electronic control kit **for remotization**. The main operating parameters, set point and ambient temperature are transmitted from the remote control B0373 or B0736 to all connected fan coils on the network, enabling a seamless operation. It has a 230VAC outlet for the control of a solenoid valve, two clean contacts for the control of a chiller or a boiler, and a presence inlet. Operation in MODBUSprotocol, RS485.	B0736 AQUADUE CONTROL My Home by bticino
	B0707	Electronic control kit **for remotization** for 5 speed Fan (selectable between 5 available) and 2 solenoid valves. Fan control kit with motor feedback with speed gauge generator. No need to configure controls depending on the size of the fan coil. Electronic remote board solenoid valves actuating contacts. From same control B0151 or B0152 you can control up to 10 terminals equipped with Bi2 B0707.	B0151 B0152
	B0151 OUT OF STOCK	**Wall control kit** with thermostat, summer/winter selector and speed switch. Wall thermostat with room sensor, On-Off switch, three-speed fan and summer/winter selector. Temperature range setting from 5 ° C to 30 ° C. 230 V supply. It has two 230VAC hot water and cold water solenoid outlets and an inlet water temperature sensor.	B0707
	B0152	**Recessed control kit** LCD with ambient sensor and thermostat, summer/winter selector and speed switch. Electronic recessed thermostat with ambient sensor, On-Off switch, fan speed selector (min, med, max and auto), ambient temperature, minimum water sensor mode and summer/winter selector. Temperature range setting from 5 ° C to 30 ° C. 230 V supply.	B0707
	B0736	LCD **wall clock thermostat remote** control kit. Programmable wall LCD thermostat control for MODBUS connection, RS485. Ability to control up to 30 units. Desired temperature selection, operation mode, fan speed, manual/programmable thermostat. Room sensor inserted in control. Backlit LCD. Presence contact input. The control is equipped with a 230/12VAC double insulation power transformer and a buffer battery. Wall installation with center to center distance compatible with standard recessed mounting box 503.	B0855 B0372 AQUADUE CONTROL
Addressing for Bticino management and AQUADUE Control	**INDRZ**	Mandatory factory addressing of the remote control kits in the case of remote management via Modbus connection with AQUADUE Control or Bticino MYHome	

CODE	DESCRIPTION
B0139 B0832	**2 way group valves with thermoelectric actuator kit.** **2-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a valve with thermoelectric actuator and holder, the first allows for the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses. This kit is mandatory in version SLR except in the case of using a 3-way valve kit or in the presence of a collector with thermoelectric heads.
B0641 B0833	**2-way valves group kit with thermoelectric actuator and bypass branch with pressure relief valve.** **2-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch and by-pass branch with pressure-relief valve.** The kit consists of a valve with thermoelectric actuator, a holder and a bypass with a pressure relief valve, the first allows the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses while the by-pass maintains the system balanced even with cabinet excluded. This kit is an alternative to the 2-way solenoid valve kit. (Required in SLR version)
B0635 B0834	**3-way group valves kit with thermoelectric actuator.** **3-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a three-way diverter valve with thermoelectric actuator, and a holder. The first allows the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses; the by-pass keeps water circulating in the system. This kit is an alternative to the 2-way solenoid valve kit (required in version SLR).
	The valve unit kits with thermoelectric actuator are recommended for the following command kits to activate chiller and boiler: B0659 - B0673 - B0707 - B0774 - B0772 - B0828 - B0756
B0205	**Manual 2-way group valves kit.** Consisting of a valve and a holder, the first allows the cabinet to be manually excluded from the system, while the holder allows the balancing of system load losses. Also allowed when solenoid valves on the collector are managed by the control kit of terminal Bi2.
B0204	**Manual 2-way valve isolation kit.** Avoids condensation during the cooling operation (already included in the other thermoelectric hydraulic kits).
B0501	**Spacer kit (No. 1 unit) 3/4 Eurokonus.** Available for multilayer pipes d. 20 mm. (which do not allow adequate bending radii), no. 1 or 2 kit. for machine according to the type of installation.
B0200 B0201	**Adaptors couple kit.** Allows you to transform the Bi2 3/4 " Eurocone connection into a standard 1/2 "(B0200) or 3/4 " (B0201) gas thread connection.
B0203	**Kit 90° Eurokonus bend.** Facilitates the connection in case of hydraulic connections with walled pipes
B0336	**Minimum temperature thermostat kit.** Only compatible with B0658.
B0459	**Control connection extension kit.** Power and motor sensor electric connection cable for installations where connection positions are rotated (from Left to Right) .
B0682	**Feet kit for smart Bi2.** Kit of two aesthetic feet for coverage of any floor pipes. Available in white.
B0683	**Floor fixing bracket kit Bi2 smart.** Kit support brackets and mounting the floor of the terminal (applications front windows or on non-bearing walls). It also has the function of aesthetic kit (color off white).
B0677 (200) B0678 (400) B0679 (600) B0680 (800) B0681 (1000)	**Back panel in painted sheet (For front glass applications).**
B0520 (200) B0521 (400) B0522 (600) B0523 (800) B0524 (1000)	**Bi2 ceiling installation kit (Excluding versions SLR and SLI)**

HYDRAULIC KITS

ELECTRICAL KITS

AESTHETICAL KITS

Bi2 plus
SLR+ inverter

Inverter fan coil radiator.

Design by Dario Tanfoglio

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FEATURES

Cools, Dehumidifies, Heats and Filters

Terminal with integrated heating panel

Compact: thickness of just 12,9 cm

Range consists of 5 power models

DC brushless Motor

installation:

floor   wall

Available in colors: ☐ White RAL 9010

Bi2+ COLORS*

* Color choice: options available at specific client request, terms of delivery and minimum lots to be agreed.

iF product design award 2013

Bi2 + is the winner of the iF product design award 2013 in the Buildings category, selected by an internationally recognized panel of experts and designers.

reddot design award honourable mention 2013

Bi2 + was awarded the REDDOT DESIGN HONOURABLE MENTION 2013 award, for the seamless integration of technology and design.

MODEL		BI2⁺ with heating panel (SLR⁺)				
		SLR⁺200	SLR⁺400	SLR⁺600	SLR⁺800	SLR⁺1000
White	cod.	01609	01610	01611	01612	01613
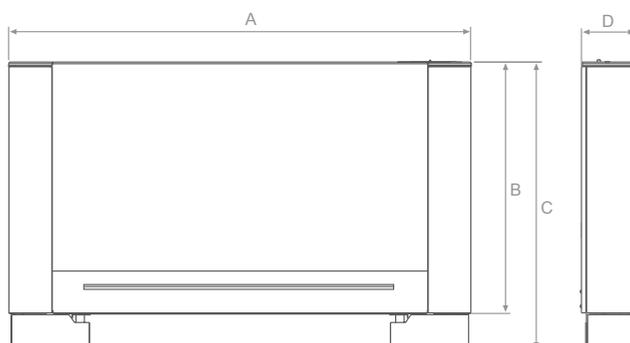
		200	400	600	800	1000
A	mm	697	897	1097	1297	1497
B	mm	579	579	579	579	579
C	mm	659	659	659	659	659
D	mm	129	129	129	129	129
Weight SLR⁺	kg	15	17	21	24	28

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1. Valve with thermoelectric actuator (accessory kit)

2. Tubular heating panel

3. High Efficiency Coil

4. Water temperature sensor

5. High efficiency tangential fan

6. DC brushless inverter motor

7. Electronic controls (accessory kit)

8. Condensation collector basin

MODEL			BI2+ SLR inverter				
			200	400	600	800	1000
Total cooling capacity (a)	(E)	kW	0,82	1,74	2,54	3,29	3,78
Sensible cooling capacity (a)	(E)	kW	0,64	1,25	1,94	2,54	2,98
Water flow rate (a)		lt/h	142	302	446	573	655
Water pressure loss (a)	(E)	kPa	13,1	8,2	19	18,7	18,2
Heating capacity (50°C) (b)	(E)	kW	1,05	2,31	3,12	4,10	4,67
Water flow rate (50°C) (b)		lt/h	84	185	249	329	374
Water pressure loss (50°C) (b)	(E)	kPa	10,9	6,8	15,8	15,5	15,1
Heating capacity (70°C) (c)		kW	1,77	3,88	5,21	6,88	7,83
Water flow rate (70°C) (c)		lt/h	152	334	448	592	673
Water pressure loss (70°C) (c)		kPa	10,9	7,0	14,3	12,7	12,5
Battery water capacity		l	0,47	0,8	1,13	1,46	1,8
Maximum operating pressure		bar	10	10	10	10	10
Water connections		inches	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4
Air flow min (d)		m³/h	100	170	180	370	420
Air flow max (d)		m³/h	160	320	460	575	650
Absorbed power min	(E)	W	5	6	7	8	9
Absorbed power max	(E)	W	11	19	20	24	27
Sound power min Lw	(E)	dB(A)	38	39	41	42	42
Sound power max Lw	(E)	dB(A)	52	53	53	54	54
Sound pressure (f)		dB(A)	34	36	37	35	38
Electrical supply		V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Max capacity static heating (50°C)		kW	0,37	0,42	0,50	0,62	0,77
Max capacity static heating (70°C)		kW	0,59	0,71	0,84	1,04	1,28
Water content heating panel		l	0,3	0,5	0,6	0,7	0,9

Performance at maximum ventilation speed
(a) Water temperature in battery inlet 7°C, water temperature in battery outlet 12°C, ambient air temperature 27°C b.s. and 19°C b.u.
(b) Water temperature in battery inlet 50°C, water flow in cooling + panel, inlet ambient air temperature 20°C
(c) Water temperature in battery inlet 70°C, water temperature in battery outlet 60°C, ambient air temperature inlet 20°C
(d) Air flow measured with clean filters
(E) Eurovent certificate
(g) Sound pressure measured at 1,5 m

	CODE	DESCRIPTION	COMPATIBILITY
ON BOARD CONTROL	**B0673**	**Built-in** electronic autonomous control kit. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor connection, and two 230VAC outlets for the control of 2 solenoid valves.	
	B0828	**Touch flat design built-in** control kit. Back-lit display with desired temperature visualization, real-touch switches, mode of operation and fan speed selection. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor contact connection, a 230VAC outlet for the solenoid valve control. Remote control provided. Can be remote controlled via a combination of keys for connection with Modbus RS485 protocol. **Command pre-configured on the machine (cannot be ordered separately).**	B0736 AQUADUE CONTROL My Home by bticino
REMOTE CONTROL	**B0685** OUT OF STOCK	Bi2 inverter control kit **for remotization**. The main operating parameters, set point and ambient temperature are transmitted from the remote control B0736 to all connected fan coils on the network, enabling a seamless operation. It has a 230VAC outlet for the control of a solenoid valve, two clean contacts for the control of a chiller or a boiler, and a presence inlet. Operation in MODBUSprotocol, RS485.	B0736 AQUADUE CONTROL My Home by bticino
	B0756	Control kit **for remotization** for the management and control through analogic inlet 0-10V or contacts. It has a 230VAC outlet for the control of one solenoid valve and a water sensor inlet with minimum temperature sensor function (in the contact mode)	
	B0736	LCD **wall clock thermostat remote** control kit. Programmable wall LCD thermostat control for MODBUS connection, RS485. Ability to control up to 30 units. Desired temperature selection, operation mode, fan speed, manual/programmable thermostat. Room sensor inserted in control. Backlit LCD. Presence contact input. The control is equipped with a 230/12VAC double insulation power transformer and a buffer battery. Wall installation with center to center distance compatible with standard recessed mounting box 503.	B0828 B0685 AQUADUE CONTROL
	Addressing for Bticino management and AQUADUE Control INDRZ	Mandatory factory addressing of the remote control kits in the case of remote management via Modbus connection with AQUADUE Control or Bticino MYHome	

	CODE	DESCRIPTION
HYDRAULIC KITS	B0139 B0832	**2 way group valves with thermoelectric actuator kit.** **2-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a valve with thermoelectric actuator and holder, the first allows for the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses. This kit is mandatory in version SLR except in the case of using a 3-way valve kit or in the presence of a collector with thermoelectric heads.
	B0641 B0833	**2-way valves group kit with thermoelectric actuator and bypass branch with pressure relief valve.** **2-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch and by-pass branch with pressure-relief valve.** The kit consists of a valve with thermoelectric actuator, a holder and a bypass with a pressure relief valve, the first allows the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses while the by-pass maintains the system balanced even with cabinet excluded. This kit is an alternative to the 2-way solenoid valve kit. (Required in SLR version)
	B0635 B0834	**3-way group valves kit with thermoelectric actuator.** **3-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a three-way diverter valve with thermoelectric actuator, and a holder. The first allows the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses; the by-pass keeps water circulating in the system. This kit is an alternative to the 2-way solenoid valve kit (required in version SLR).
		The valve unit kits with thermoelectric actuator are recommended for the following command kits to activate chiller and boiler: B0659 - B0673 - B0707 - B0774 - B0772 - B0828 - B0756
	B0205	**Manual 2-way group valves kit.** Consisting of a valve and a holder, the first allows the cabinet to be manually excluded from the system, while the holder allows the balancing of system load losses. Also allowed when solenoid valves on the collector are managed by the control kit of terminal Bi2.
	B0204	**Manual 2-way valve isolation kit.** Avoids condensation during the cooling operation (already included in the other thermoelectric hydraulic kits).
	B0501	**Spacer kit (No. 1 unit) 3/4 Eurokonus.** Available for multilayer pipes d. 20 mm. (which do not allow adequate bending radii), no. 1 or 2 kit. for machine according to the type of installation.
	B0200 B0201	**Adaptors couple kit.** Allows you to transform the Bi2 3/4 " Eurocone connection into a standard 1/2 "(B0200) or 3/4 " (B0201) gas thread connection.
	B0203	**Kit 90° Eurokonus bend.** Facilitates the connection in case of hydraulic connections with walled pipes
ELECTRICAL KITS	B0632 (200) (400) (600) B0633 (800) (1000)	**Control connection extension kit.** Power and motor sensor electric connection cable for installations where connection positions are rotated (from Left to Right).
AESTHETICAL KITS	B0157	**Feet kit** Kit of two aesthetic feet for coverage of any floor pipes. Available in white.
	B0193	**Floor fixing bracket kit.** Terminal support and floor fixing bracket kit (front glass applications or on non-bearing walls). To be used in combination with kit B0157.
	B0171 (200) B0173 (400) B0175 (600) B0177 (800) B0179 (1000)	**Back panel in painted sheet (for front glass applications).**

Bi2 plus
SL+ inverter

The **inverter** fan coil radiator.

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FEATURES

Cools, Dehumidifies, Heats and Filters

Compact: thickness of just 12,9 cm

Range consists of 5 power models

DC brushless Motor

installation:

floor   wall   cieling*

Available in colors: ☐ White RAL 9010

Design by Dario Tanfoglio

iF product design award 2013

Bi2 + is the winner of the iF product design award 2013 in the Buildings category, selected by an internationally recognized panel of experts and designers.

reddot design award honourable mention 2013

BI2 + was awarded the REDDOT DESIGN HONOURABLE MENTION 2013 award, for the seamless integration of technology and design.
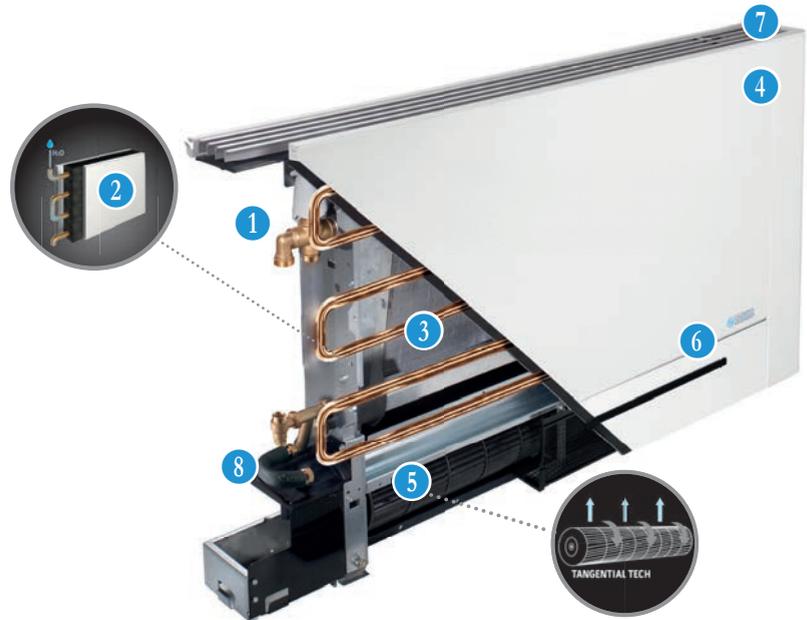
Bi2+ COLORS*

* Color choice: options available at specific client request, terms of delivery and minimum lots to be agreed.

MODEL		BI2+ whitout heating panel (SL+)				
		SL+200	SL+400	SL+600	SL+800	SL+1000
White	cod.	01619	01620	01621	01622	01623
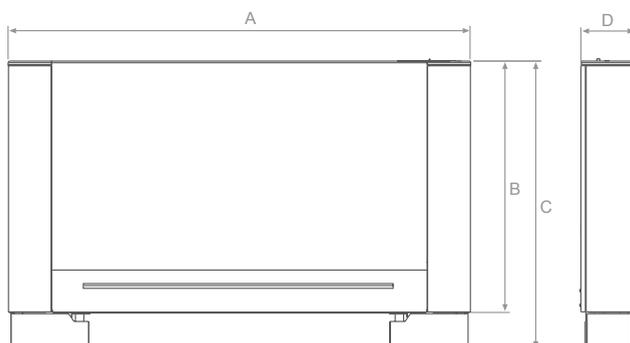
		200	400	600	800	1000
A	mm	697	897	1097	1297	1497
B	mm	579	579	579	579	579
C	mm	659	659	659	659	659
D	mm	129	129	129	129	129
Weight SL+	kg	13	15	17	20	24

* Front basin kit and feet kit are necessary

1 Valve with thermoelectric actuator (accessory kit)

2 High Efficiency Coil

3 Water temperature sensor

4 High efficiency tangential fan

5 DC brushless inverter motor

6 Electronic controls (accessory kit)

7 Condensation collector basin
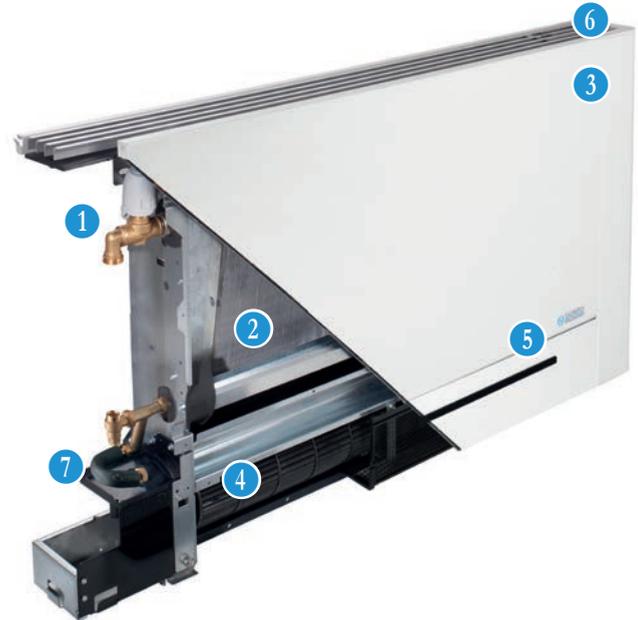
MODEL			BI2+ SL inverter				
			200	400	600	800	1000
Total cooling capacity (a)	(E)	kW	0,82	1,74	2,54	3,29	3,78
Sensible cooling capacity (a)	(E)	kW	0,64	1,25	1,94	2,54	2,98
Water flow rate (a)		lt/h	142	302	446	573	655
Water pressure loss (a)	(E)	kPa	13,1	8,2	19	18,7	18,2
Heating capacity (50°C) (b)	(E)	kW	1,05	2,31	3,12	4,10	4,67
Water flow rate (50°C) (b)		lt/h	84	185	249	329	374
Water pressure loss (50°C) (b)	(E)	kPa	10,9	6,8	15,8	15,5	15,1
Heating capacity (70°C) (c)		kW	1,77	3,88	5,21	6,88	7,83
Water flow rate (70°C) (c)		lt/h	152	334	448	592	673
Water pressure loss (70°C) (c)		kPa	10,9	7,0	14,3	12,7	12,5
Battery water capacity		l	0,47	0,8	1,13	1,46	1,8
Maximum operating pressure		bar	10	10	10	10	10
Water connections		inches	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4
Air flow min (d)		m³/h	100	170	180	370	420
Air flow max (d)		m³/h	160	320	460	575	650
Absorbed power min	(E)	W	5	6	7	8	9
Absorbed power max	(E)	W	11	19	20	24	27
Sound power min Lw	(E)	dB(A)	38	39	41	42	42
Sound power max Lw	(E)	dB(A)	52	53	53	54	54
Sound pressure (f)		dB(A)	34	36	37	35	38
Electrical supply		V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50

Performance at maximum ventilation speed
(a) Water temperature in battery inlet 7°C, water temperature in battery outlet 12°C, ambient air temperature 27°C b.s. and 19°C b.u.
(b) Water temperature in battery inlet 50°C, water flow in cooling + panel, inlet ambient air temperature 20°C
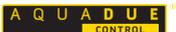(c) Water temperature in battery inlet 70°C, water temperature in battery outlet 60°C, ambient air temperature inlet 20°C
(d) Air flow measured with clean filters
(E) Eurovent certificate
(f) Sound pressure measured at 1,5 m

	CODE	DESCRIPTION	COMPATIBILITY
ON BOARD CONTROL	**B0673**	**Built-in** electronic autonomous control kit. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor connection, and two 230VAC outlets for the control of 2 solenoid valves.	
	B0828	**Touch flat design built-in** control kit. Back-lit display with desired temperature visualization, real-touch switches, mode of operation and fan speed selection. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor contact connection, a 230VAC outlet for the solenoid valve control. Remote control provided. Can be remote controlled via a combination of keys for connection with Modbus RS485 protocol. **Command pre-configured on the machine (cannot be ordered separately).**	B0736 AQUADUE CONTROL My Home by bticino
REMOTE CONTROL	**B0685** OUT OF STOCK	Bi2 inverter control kit **for remotization**. The main operating parameters, set point and ambient temperature are transmitted from the remote control B0736 to all connected fan coils on the network, enabling a seamless operation. It has a 230VAC outlet for the control of a solenoid valve, two clean contacts for the control of a chiller or a boiler, and a presence inlet. Operation in MODBUSprotocol, RS485.	B0736 AQUADUE CONTROL My Home by bticino
	B0756	Control kit **for remotization** for the management and control through analogic inlet 0-10V or contacts. It has a 230VAC outlet for the control of one solenoid valve and a water sensor inlet with minimum temperature sensor function (in the contact mode)	
	B0151 OUT OF STOCK	**Wall control kit** with thermostat, summer/winter selector and speed switch. Wall thermostat with room sensor, On-Off switch, three-speed fan and summer/winter selector. Temperature range setting from 5 ° C to 30 ° C. 230 V supply. It has two 230VAC hot water and cold water solenoid outlets and an inlet water temperature sensor.	B0756
	B0152	**Recessed control kit** LCD with ambient sensor and thermostat, summer/winter selector and speed switch.Electronic recessed thermostat with ambient sensor, On-Off switch, fan speed selector (min, med, max and auto), ambient temperature, minimum water sensor mode and summer/winter selector. Temperature range setting from 5 ° C to 30 ° C. 230 V supply.	B0756
	B0736	LCD **wall clock thermostat remote** control kit. Programmable wall LCD thermostat control for MODBUS connection, RS485. Ability to control up to 30 units. Desired temperature selection, operation mode, fan speed, manual/programmable thermostat. Room sensor inserted in control. Backlit LCD. Presence contact input. The control is equipped with a 230/12VAC double insulation power transformer and a buffer battery. Wall installation with center to center distance compatible with standard recessed mounting box 503.	B0685 AQUADUE CONTROL
Addressing for Bticino management and AQUADUE Control	**INDRZ**	Mandatory factory addressing of the remote control kits in the case of remote management via Modbus connection with AQUADUE Control or Bticino MYHome	

	CODE	DESCRIPTION
	B0139 **B0832**	**2 way group valves with thermoelectric actuator kit.** **2-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a valve with thermoelectric actuator and holder, the first allows for the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses. This kit is mandatory in version SLR except in the case of using a 3-way valve kit or in the presence of a collector with thermoelectric heads.
	B0641 **B0833**	**2-way valves group kit with thermoelectric actuator and bypass branch with pressure relief valve.** **2-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch and by-pass branch with pressure-relief valve.** The kit consists of a valve with thermoelectric actuator, a holder and a bypass with a pressure relief valve, the first allows the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses while the by-pass maintains the system balanced even with cabinet excluded. This kit is an alternative to the 2-way solenoid valve kit. (Required in SLR version)
	B0635 **B0834**	**3-way group valves kit with thermoelectric actuator.** **3-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a three-way diverter valve with thermoelectric actuator, and a holder. The first allows the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses; the by-pass keeps water circulating in the system. This kit is an alternative to the 2-way solenoid valve kit (required in version SLR).
		The valve unit kits with thermoelectric actuator are recommended for the following command kits to activate chiller and boiler: B0659 - B0673 - B0707 - B0774 - B0772 - B0828 - B0756
	B0205	**Manual 2-way group valves kit.** Consisting of a valve and a holder, the first allows the cabinet to be manually excluded from the system, while the holder allows the balancing of system load losses. Also allowed when solenoid valves on the collector are managed by the control kit of terminal Bi2.
	B0204	**Manual 2-way valve isolation kit.** Avoids condensation during the cooling operation (already included in the other thermoelectric hydraulic kits).
	B0501	**Spacer kit (No. 1 unit) 3/4 Eurokonus.** Available for multilayer pipes d. 20 mm. (which do not allow adequate bending radii), no. 1 or 2 kit. for machine according to the type of installation.
	B0200 **B0201**	**Adaptors couple kit.** Allows you to transform the Bi2 3/4 " Eurocone connection into a standard 1/2 "(B0200) or 3/4 " (B0201) gas thread connection.
	B0203	**Kit 90° Eurokonus bend.** Facilitates the connection in case of hydraulic connections with walled pipes
	B0632 (200) **(400)** **(600)** **B0633 (800)** **(1000)**	**Control connection extension kit.** Power and motor sensor electric connection cable for installations where connection positions are rotated (from Left to Right).
	B0157	**Feet kit** Kit of two aesthetic feet for coverage of any floor pipes. Available in white.
	B0193	**Floor fixing bracket kit.** Terminal support and floor fixing bracket kit (front glass applications or on non-bearing walls). To be used in combination with kit B0157.
	B0171 (200) **B0173** (400) **B0175** (600) **B0177** (800) **B0179** (1000)	**Back panel in painted sheet (for front glass applications).**
	B0520 (200) **B0521** (400) **B0522** (600) **B0523** (800) **B0524** (1000)	**Bi2 ceiling installation kit (Excluding versions SLR and SLI)**

HYDRAULIC KITS

ELECTRICAL KITS

AESTHETICAL KITS

Bi2 naked
SLIR inverter
The **first** recessed **inverter** fan coil radiator with **heating panel**.

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FEATURES

Cools, Dehumidifies, Heats and Filters

Recessed version with heating panel

Compact: recessed wall thickness of just 142 mm

Range consists of 5 power models

Recess with formwork

DC brushless Motor

Ultra slim aesthetic panel

Only available with left hydraulic connections.

installation:

wall

Available in colors: ☐ White RAL 9010

MODEL		BI2 with heating panel. (SLIR Inverter)				
		SLIR200	SLIR400	SLIR600	SLIR800	SLIR1000
Recessed heating*	CODE	01639	01640	01641	01642	01643
Heating panel kit	CODE	B0731	B0732	B0733	B0734	B0735
formwork for recess	CODE	B0568	B0569	B0570	B0571	B0572

* formwork and front heating panel are necessary
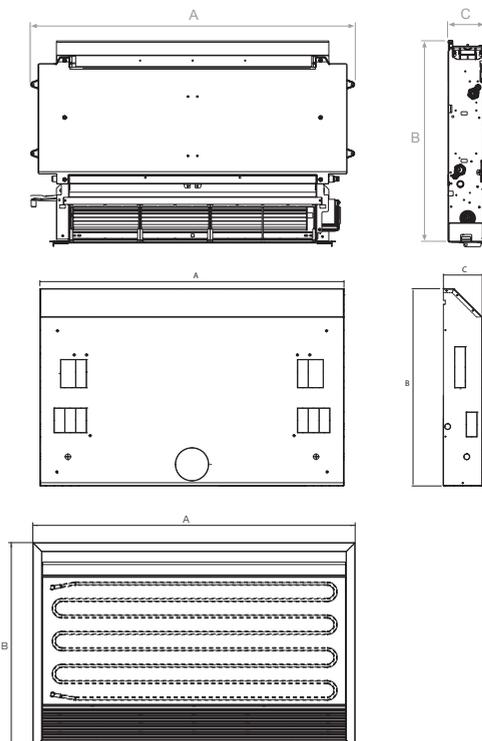
SLIR inverter VERSION		SLIR 200	SLIR 400	SLIR 600	SLIR 800	SLIR 1000
A	mm	525	725	925	1125	1325
B	mm	576	576	576	576	576
C	mm	126	126	126	126	126
Weight	kg	9	12	15	18	21

Recessed Kit		200	400	600	800	1000
A	mm	713	913	1113	1313	1513
B	mm	725	725	725	725	725
C	mm	142	142	142	142	142

Front panel		200	400	600	800	1000
A	mm	772,5	972,5	1172,5	1372,5	1572,5
B	mm	754	754	754	754	754

Back detail of heating front panel partitioned by SLIR version
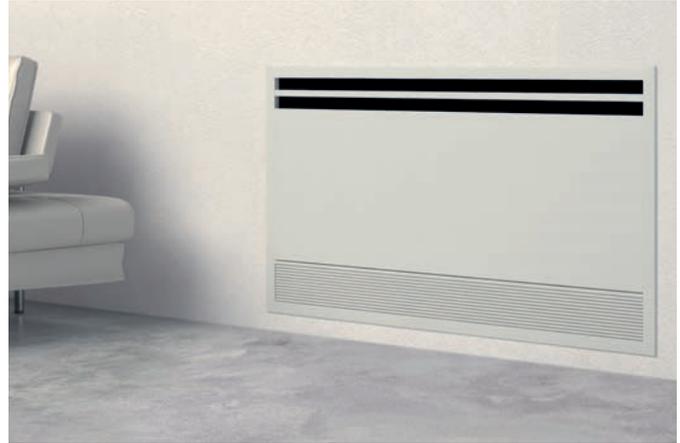
Recessed with aesthetic panel sheet (SLI version and SLIR heating)

MODEL			Bi2 SLIR inverter				
			200	400	600	800	1000
Total cooling capacity (a)	(E)	kW	0,82	1,74	2,54	3,29	3,78
Sensible cooling capacity (a)	(E)	kW	0,64	1,25	1,94	2,54	2,98
Water flow rate (a)		lt/h	142	302	446	573	655
Water pressure loss (a)	(E)	kPa	13,1	8,2	19	18,7	18,2
Heating capacity (50°C) (b)	(E)	kW	1,05	2,31	3,12	4,10	4,67
Water flow rate (50°C) (b)		lt/h	84	185	249	329	374
Water pressure loss (50°C) (b)	(E)	kPa	10,9	6,8	15,8	15,5	15,1
Heating capacity (70°C) (c)		kW	1,77	3,88	5,21	6,88	7,83
Water flow rate (70°C) (c)		lt/h	152	334	448	592	673
Water pressure loss (70°C) (c)		kPa	10,9	7,0	14,3	12,7	12,5
Battery water capacity		l	0,47	0,8	1,13	1,46	1,8
Maximum operating pressure		bar	10	10	10	10	10
Water connections		inches	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4
Air flow min (d)		m³/h	100	170	180	370	420
Air flow max (d)		m³/h	160	320	460	575	650
Absorbed power min	(E)	W	5	6	7	8	9
Absorbed power max	(E)	W	11	19	20	24	27
Sound power min Lw	(E)	dB(A)	38	39	41	42	42
Sound power max Lw	(E)	dB(A)	52	53	53	54	54
Sound pressure (f)		dB(A)	34	36	37	35	38
Electrical supply		V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Max capacity static heating (50°C)		kW	0,37	0,42	0,50	0,62	0,77
Max capacity static heating (70°C)		kW	0,59	0,71	0,84	1,04	1,28
Water content heating panel		l	0,5	0,6	0,7	0,9	1,0

Performance at maximum ventilation speed
(a) Water temperature in battery inlet 7°C, water temperature in battery outlet 12°C, ambient air temperature 27°C b.s. and 19°C b.u.
(b) Water temperature in battery inlet 50°C, water flow in cooling + panel, inlet ambient air temperature 20°C
(c) Water temperature in battery inlet 70°C, water temperature in battery outlet 60°C, ambient air temperature inlet 20°C
(d) Air flow measured with clean filters
(E) Eurovent certificate
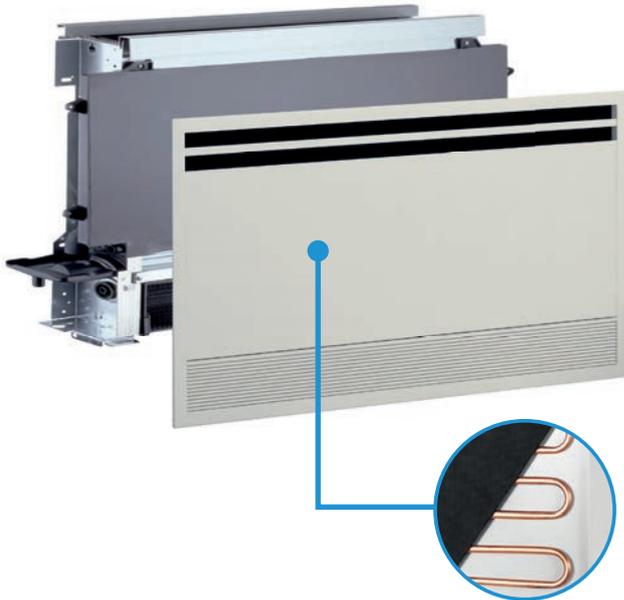**(f)** Sound pressure measured at 1,5 m

ACCESSORIES SLIR inverter

	CODE	DESCRIPTION	COMPATIBILITY
ON BOARD CONTROL	**B0828** **NEW**	**Touch flat design built-in** control kit. Back-lit display with desired temperature visualization, real-touch switches, mode of operation and fan speed selection. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor contact connection, a 230VAC outlet for the solenoid valve control. Remote control provided. For ceiling installation in combination with B0736. Can be remote controlled via a combination of keys for connection with Modbus RS485 protocol. **Command pre-configured on the machine (cannot be ordered separately).**	B0736 AQUADUE CONTROL My Home by **bticino**
REMOTE CONTROL	**B0685** **OUT OF STOCK**	Bi2 inverter control kit **for remotization**. The main operating parameters, set point and ambient temperature are transmitted from the remote control B0736 to all connected fan coils on the network, enabling a seamless operation. It has a 230VAC outlet for the control of a solenoid valve, two clean contacts for the control of a chiller or a boiler, and a presence inlet. Operation in MODBUSprotocol, RS485.	B0736 AQUADUE CONTROL My Home by **bticino**
	B0756	Control kit **for remotization** for the management and control through analogic inlet 0-10V or contacts. It has a 230VAC outlet for the control of one solenoid valve and a water sensor inlet with minimum temperature sensor function (in the contact mode)	
	B0736	LCD **wall clock thermostat remote** control kit Programmable wall LCD thermostat control for MODBUS connection, RS485. Ability to control up to 30 units. Desired temperature selection, operation mode, fan speed, manual/programmable thermostat. Room sensor inserted in control. Backlit LCD. Presence contact input. The control is equipped with a 230/12VAC double insulation power transformer and a buffer battery. Wall installation with center to center distance compatible with standard recessed mounting box 503.	B0828 B0685 AQUADUE CONTROL
Addressing for Bticino management and AQUADUE Control	**INDRZ**	Mandatory factory addressing of the remote control kits in the case of remote management via Modbus connection with AQUADUE Control or Bticino MYHome	

	CODE	DESCRIPTION
HYDRAULIC KITS	B0139 B0832	**2 way group valves with thermoelectric actuator kit.** **2-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a valve with thermoelectric actuator and holder, the first allows for the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses. This kit is mandatory in version SLR except in the case of using a 3-way valve kit or in the presence of a collector with thermoelectric heads.
	B0635 B0834	**3-way group valves kit with thermoelectric actuator.** **3-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a three-way diverter valve with thermoelectric actuator, and a holder. The first allows the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses; the by-pass keeps water circulating in the system. This kit is an alternative to the 2-way solenoid valve kit (required in version SLR).
		The valve unit kits with thermoelectric actuator are recommended for the following command kits to activate chiller and boiler: B0659 - B0673 - B0707 - B0774 - B0772 - B0828 - B0756
	B0205	**Manual 2-way group valves kit.** Consisting of a valve and a holder, the first allows the cabinet to be manually excluded from the system, while the holder allows the balancing of system load losses. Also allowed when solenoid valves on the collector are managed by the control kit of terminal Bi2.
	B0204	**Manual 2-way valve isolation kit.** Avoids condensation during the cooling operation (already included in the other thermoelectric hydraulic kits).
	B0200 B0201	**Adaptors couple kit.** Allows you to transform the Bi2 3/4 " Eurocone connection into a standard 1/2 "(B0200) or 3/4 " (B0201) gas thread connection.
	B0203	**Kit 90° Eurokonus bend.** Facilitates the connection in case of hydraulic connections with walled pipes
RECESSED KIT		**Formwork for recess with closing panel: Structure for recessed installation.** For vertical installation B0568 (200), B0569 (400), B0570 (600), B0571 (800), B0572 (1000)
		Recessed closing heating panel for recessed structure. * For vertical installation B0731 (200), B0732 (400), B0733 (600), B0734 (800), B0735 (1000)

* Necessary accessory kit.

Bi2 naked
SLI inverter

Recessed **inverter** fan coil unit.

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FEATURES

Cools, Dehumidifies, Heats and Filters

Recessed version

Compact: recessed wall thickness of just 142 mm

Range consists of 5 power models

Recess with formwork

DC brushless Motor

Ultra slim aesthetic panel

installation:

floor   wall   cieling
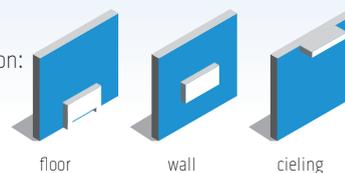
Available in colors: ☐ White

MODEL		BI2 SLI without heating panel. (SLI Inverter)				
		SLI200	SLI400	SLI600	SLI800	SLI1000
Recessed	CODE	01513	01514	01515	01516	01517
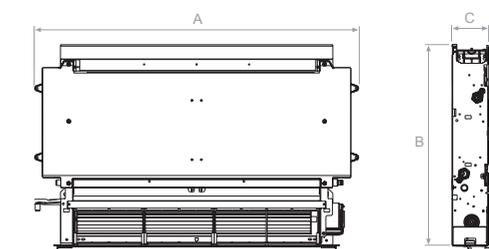
SLI 2 tubes recessed VERSION		SLI 200	SLI 400	SLI 600	SLI 800	SLI 1000
A	mm	525	725	925	1125	1325
B	mm	576	576	576	576	576
C	mm	126	126	126	126	126
Weight	kg	7	9,5	11	14	17
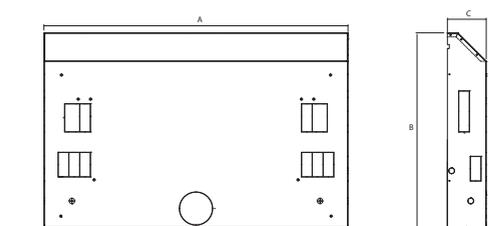
Recessed Kit		200	400	600	800	1000
A	mm	713	913	1113	1313	1513
B	mm	725	725	725	725	725
C	mm	142	142	142	142	142
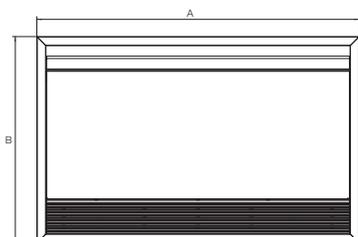
Front panel		200	400	600	800	1000
A	mm	772,5	972,5	1172,5	1372,5	1572,5
B	mm	754	754	754	754	754

WALL-INSTALLATION ONLY WITH CLOSURE PANEL

Accessories:
- Recess kit: structure for recessed installation
- RAL 9010 white closure panel colore Bianco RAL 9010

WALL-INSTALLATION

Accessories:
- Intake kit
- Plenum at 90°
(grids and panel not supplied)

FALSE-CEILING INSTALLATION

Accessories:
- Intake kit
- Telescopic plenum/ Plenum at 90°
- Supply/intake grid

MODEL			Bi2 SLI inverter				
			200	400	600	800	1000
Total cooling capacity (a)	(E)	kW	0,82	1,74	2,54	3,29	3,78
Sensible cooling capacity (a)	(E)	kW	0,64	1,25	1,94	2,54	2,98
Water flow rate (a)		lt/h	142	302	446	573	655
Water pressure loss (a)	(E)	kPa	13,1	8,2	19	18,7	18,2
Heating capacity (50°C) (b)	(E)	kW	1,05	2,31	3,12	4,10	4,67
Water flow rate (50°C) (b)		lt/h	84	185	249	329	374
Water pressure loss (50°C) (b)	(E)	kPa	10,9	6,8	15,8	15,5	15,1
Heating capacity (70°C) (c)		kW	1,77	3,88	5,21	6,88	7,83
Water flow rate (70°C) (c)		lt/h	152	334	448	592	673
Water pressure loss (70°C) (c)		kPa	10,9	7,0	14,3	12,7	12,5
Battery water capacity		l	0,47	0,8	1,13	1,46	1,8
Maximum operating pressure		bar	10	10	10	10	10
Water connections		inches	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4	Eurocone 3/4
Air flow min (d)		m³/h	100	170	180	370	420
Air flow max (d)		m³/h	160	320	460	575	650
Absorbed power min	(E)	W	5	6	7	8	9
Absorbed power max	(E)	W	11	19	20	24	27
Sound power min Lw	(E)	dB(A)	38	39	41	42	42
Sound power max Lw	(E)	dB(A)	52	53	53	54	54
Sound pressure (f)		dB(A)	34	36	37	35	38
Electrical supply		V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50

Performance at maximum ventilation speed
(a) Water temperature in battery inlet 7°C, water temperature in battery outlet 12°C, ambient air temperature 27°C b.s. and 19°C b.u.
(b) Water temperature in battery inlet 50°C, water flow in cooling + panel, inlet ambient air temperature 20°C
(c) Water temperature in battery inlet 70°C, water temperature in battery outlet 60°C, ambient air temperature inlet 20°C
(d) Air flow measured with clean filters
(E) Eurovent certificate
(f) Sound pressure measured at 1,5 m

ACCESSORIES SLI inverter

	CODE	DESCRIPTION	COMPATIBILITY
ON BOARD CONTROL	**B0828** NEW	**Touch flat design built-in** control kit. Back-lit display with desired temperature visualization, real-touch switches, mode of operation and fan speed selection. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor contact connection, a 230VAC outlet for the solenoid valve control. Remote control provided. For ceiling installation in combination with B0736. Can be remote controlled via a combination of keys for connection with Modbus RS485 protocol. **Command pre-configured on the machine (cannot be ordered separately).**	B0736 AQUADUE CONTROL My Home by **bticino**
REMOTE CONTROL	**B0685** OUT OF STOCK	Bi2 inverter control kit **for remotization**. The main operating parameters, set point and ambient temperature are transmitted from the remote control B0736 to all connected fan coils on the network, enabling a seamless operation. It has a 230VAC outlet for the control of a solenoid valve, two clean contacts for the control of a chiller or a boiler, and a presence inlet. Operation in MODBUSprotocol, RS485.	B0736 AQUADUE CONTROL My Home by **bticino**
	B0756	Control kit **for remotization** for the management and control through analogic inlet 0-10V or contacts. It has a 230VAC outlet for the control of one solenoid valve and a water sensor inlet with minimum temperature sensor function (in the contact mode)	B0151 B0152
	B0151 OUT OF STOCK	**Wall control kit** with thermostat, summer/winter selector and speed switch. Wall thermostat with room sensor, On-Off switch, three-speed fan and summer/winter selector. Temperature range setting from 5 ° C to 30 ° C. 230 V supply. It has two 230VAC hot water and cold water solenoid outlets and an inlet water temperature sensor.	B0756
	B0152	**Recessed control kit** LCD with ambient sensor and thermostat, summer/winter selector and speed switch.Electronic recessed thermostat with ambient sensor, On-Off switch, fan speed selector (min, med, max and auto), ambient temperature, minimum water sensor mode and summer/winter selector. Temperature range setting from 5 ° C to 30 ° C. 230 V supply.	B0756
	B0736	LCD **wall clock thermostat remote** control kit Programmable wall LCD thermostat control for MODBUS connection, RS485. Ability to control up to 30 units. Desired temperature selection, operation mode, fan speed, manual/programmable thermostat. Room sensor inserted in control. Backlit LCD. Presence contact input. The control is equipped with a 230/12VAC double insulation power transformer and a buffer battery. Wall installation with center to center distance compatible with standard recessed mounting box 503.	B0828 B0685 AQUADUE CONTROL
Addressing for Bticino management and AQUADUE Control	**INDRZ**	Mandatory factory addressing of the remote control kits in the case of remote management via Modbus connection with AQUADUE Control or Bticino MYHome	

	CODE	DESCRIPTION
HYDRAULIC KITS	B0139 B0832	**2 way group valves with thermoelectric actuator kit.** **2-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a valve with thermoelectric actuator and holder, the first allows for the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses. This kit is mandatory in version SLR except in the case of using a 3-way valve kit or in the presence of a collector with thermoelectric heads.
	B0641 B0833	**2-way valves group kit with thermoelectric actuator and bypass branch with pressure relief valve.** **2-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch and by-pass branch with pressure-relief valve.** The kit consists of a valve with thermoelectric actuator, a holder and a bypass with a pressure relief valve, the first allows the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses while the by-pass maintains the system balanced even with cabinet excluded. This kit is an alternative to the 2-way solenoid valve kit. (Required in SLR version)
	B0635 B0834	**3-way group valves kit with thermoelectric actuator.** **3-way valves unit kit with 4-wire thermoelectric actuator and end run micro switch.** Consists of a three-way diverter valve with thermoelectric actuator, and a holder. The first allows the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses; the by-pass keeps water circulating in the system. This kit is an alternative to the 2-way solenoid valve kit (required in version SLR).
		The valve unit kits with thermoelectric actuator are recommended for the following command kits to activate chiller and boiler: B0659 - B0673 - B0707 - B0774 - B0772 - B0828 - B0756
	B0205	**Manual 2-way group valves kit.** Consisting of a valve and a holder, the first allows the cabinet to be manually excluded from the system, while the holder allows the balancing of system load losses.
	B0204	**Manual 2-way valve isolation kit.** Avoids condensation during the cooling operation (already included in the other thermoelectric hydraulic kits).
	B0501	**Spacer kit (No. 1 unit) 3/4 Eurokonus.** Available for multilayer pipes d. 20 mm. (which do not allow adequate bending radii), no. 1 or 2 kit. for machine according to the type of installation.
	B0200 B0201	**Adaptors couple kit.** Allows you to transform the Bi2 3/4 " Eurocone connection into a standard 1/2 "(B0200) or 3/4 " (B0201) gas thread connection.
	B0203	**Kit 90° Eurokonus bend.** Facilitates the connection in case of hydraulic connections with walled pipes
ELECTRICAL KITS	B0632 (200) (400) (600) B0633 (800) (1000)	**Control connection extension kit.** Power and motor sensor electric connection cable for installations where connection positions are rotated (from Left to Right).
RECESSED KIT		**Ceiling recessed kit: air discharge grid with wing profile.** B0550 (200), B0551 (400), B0552 (600), B0553 (800), B0554 (1000) **Ceiling recessed kit: air suction grid with wing profile.** B0559 (200), B0560 (400), B0561 (600), B0562 (800), B0563 (1000) **OUT OF STOCK**
		Ceiling recessed kit: air discharge grid with wing profile.* B0815 (200), B0816 (400), B0817 (600), B0818 (800), B0819 (1000) **Ceiling recessed kit: air suction grid with wing profile.*** B0820 (200), B0821 (400), B0822 (600), B0823 (800), B0824 (1000)
		Suction kit for false ceiling or plasterboard trapdoor. Channels the air drawn from the suction grille to the cabinet. B0194 (200), B0195 (400), B0196 (600), B0197 (800), B0198 (1000)
		Upper telescopic discharge plenum kit. Channels the air from the cabinet to the discharge grille. B0160 (200), B0161 (400), B0162 (600), B0163 (800), B0164 (1000)
		Recessed kit with closing panel: Structure for recessed installation. For vertical installation (combine with closing panel) B0568 (200), B0569 (400), B0570 (600), B0571 (800), B0572 (1000)
		Closing panel for recessed structure. For vertical installation (combine with recessed structure kit) B0578 (200), B0579 (400), B0580 (600), B0581 (800), B0582 (1000)
		90° insulated discharge plenum kit. Channels the air from the cabinet to the discharge grille. (non compatible with recessed structure). B0165 (200), B0166 (400), B0167 (600), B0168 (800), B0169 (1000)

* ceiling recessed kit while stocks last; hereafter ceiling recessed kits with codes from B0550 to B0554 and from B0559 to B0563 will be valid.

Bi2 4tubes*
SLR 4T

Fan coil radiator for **heating** and **cooling** at the same time.

EUROVENT CERTIFIED PERFORMANCE
www.eurovent-certification.com

FEATURES

Cools, Dehumidifies, Heats and Filters

Simultaneous Cooling + Heating

Double HE Coil

AC Motor

Version with heating panel

Compact: recessed wall thickness of just 12,9 cm

Range consists of 5 power models

Easy maintenance: the easy removability of air filters and access to the front fan simplify cleaning

installation:

floor   wall
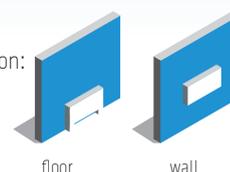
Available in colors: ☐ White RAL 9010

MODEL		BI2 SLR 4 tubes with heating panel.				
		150	250	350	500	650
SLR 4 tubes	codice	01711	01712	01713	01714	01715
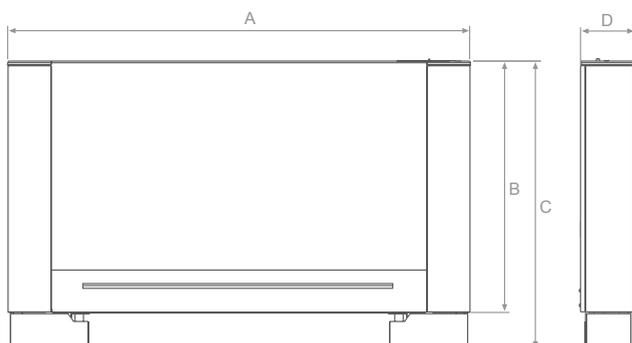
		150	250	350	500	650
A	mm	697	897	1097	1297	1497
B	mm	639	639	639	639	639
C	mm	719	719	719	719	719
D	mm	129	129	129	129	129
net weight	kg	22	27	32	36	41

* product available only on request

OLIMPIA SPLENDID
HOME OF COMFORT

1. Valve with thermoelectric actuator (accessory kit)
2. Tubular heating panel
3. High Efficiency Coil
4. Water temperature sensor
5. High efficiency tangential fan
6. DC brushless inverter motor
7. Electronic controls (accessory kit)
8. Condensation collector basin
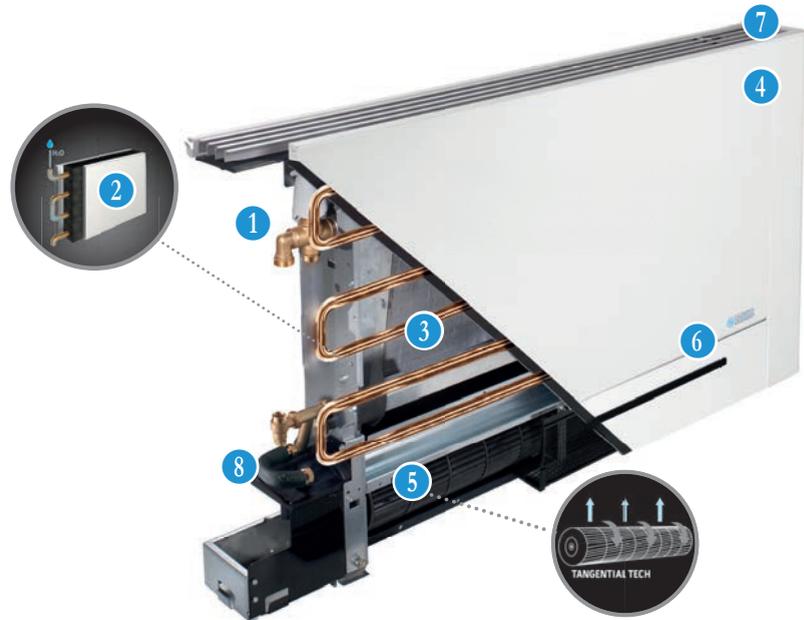
MODEL			B12 SLR 4 TUBES				
			150	250	350	500	650
Total cooling capacity (a)	(E)	kW	0,57	1,19	1,72	2,22	2,56
Sensible cooling capacity (a)	(E)	kW	0,48	0,93	1,43	1,76	2,08
Water flow rate (a)		lt/h	100,3	208,6	300,2	387,6	447,0
Water pressure loss (a)	(E)	kPa	7,3	3,9	9,2	8,8	8,6
Heating capacity (65°C) (b)	(E)	kW	0,60	1,13	1,53	1,94	2,35
Water flow rate (65°C) (b)		lt/h	50,1	95,5	129,4	164,3	199,1
Water pressure loss (65°C) (b)	(E)	kPa	0,3	0,7	0,4	0,6	0,9
Heating capacity (70°C) (c)	(E)	kW	0,71	1,29	1,75	2,26	2,57
Water flow rate (70°C) (c)		lt/h	59,7	109,6	148,1	191,4	217,9
Water pressure loss (70°C) (c)	(E)	kPa	0,3	0,8	0,5	0,9	1,2
Battery water cooling capacity		l	0,47	0,8	1,13	1,46	1,8
Battery water Heating capacity			0,16	0,27	0,38	0,49	0,60
Maximum operating pressure		bar	10	10	10	10	10
Water connections		pollici	3/4" EK	3/4" EK	3/4" EK	3/4" EK	3/4" EK
Air flow min (d)		m3/h	65	115	175	235	250
Air flow max (d)		m3/h	115	190	295	380	420
Absorbed power min	(E)	W	8	10	13	16	17
Absorbed power max	(E)	W	16	19	25	30	35
Sound power min Lw	(E)	dB(A)	40	40	40	43	44
Sound power max Lw	(E)	dB(A)	54	54	54	57	57
Sound pressure (f)		dB(A)	48	48	48	51	51
Electrical supply		V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Max capacity static heating (50°C)		kW	0,37	0,42	0,50	0,62	0,77
Max capacity static heating (70°C)		kW	0,59	0,71	0,84	1,04	1,28
Water content heating panel		l	0,3	0,5	0,6	0,7	0,9

Performance at maximum ventilation speed
(a) Water temperature in battery inlet 7°C, water temperature in battery outlet 12°C, ambient air temperature 27°C b.s. and 19°C b.u.
(b) Water temperature in battery inlet 50°C, water flow in cooling + panel, inlet ambient air temperature 20°C
(c) Water temperature in battery inlet 70°C, water temperature in battery outlet 60°C, ambient air temperature inlet 20°C
(d) Air flow measured with clean filters
(E) Eurovent certificate
(f) Sound pressure measured at 1,5 m

	CODE	DESCRIPTION	COMPATIBILITY
ON BOARD CONTROL	**B0659**	**Built-in** electronic control kit. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor connection, and two 230VAC outlets for the control of 2 valves.	
	B0374 OUT OF STOCK	**Built-in** electronic control For SLR 4 pipes, SL 4 pipes versions. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor connection, and two 230V outlets for the control of 2 valves.	
	B0855 NEW	**Touch flat design built-in** control kit. Back-lit display with desired temperature visualization, real-touch switches, mode of operation and fan speed selection. Control with adjustable thermostat, fan speed selection (summer, winter, automatic) and ventilation program (minimum, maximum, night, modulated) and minimum water sensor function. It has an inlet for the presence sensor contact connection, a 230VAC outlet for the solenoid valve control. Remote control provided. For ceiling installation in combination with B0736. Can be remote controlled via a combination of keys for connection with Modbus RS485 protocol. **Command pre-configured on the machine (cannot be ordered separately).**	B0736 AQUADUE CONTROL
REMOTE CONTROL	**B0375** OUT OF STOCK	Electronic control kit **for remotization** The main operating parameters, set point and ambient temperature are transmitted from remote controls B0736 to all fan coils connected on the network, enabling a seamless operation. It has two 230 V outlets for the control of two solenoid valves and two contacts for the control of a presence sensor. Operation in MODBUS, RS485.	B0736 AQUADUE CONTROL
	B0736	LCD **wall clock thermostat remote** control kit Programmable wall LCD thermostat control for MODBUS connection, RS485. Ability to control up to 30 units. Desired temperature selection, operation mode, fan speed, manual/programmable thermostat. Room sensor inserted in control. Backlit LCD. Presence contact input. The control is equipped with a 230/12VAC double insulation power transformer and a buffer battery. Wall installation with center to center distance compatible with standard recessed mounting box 503.	B0855 B0375 AQUADUE CONTROL
Addressing for Bticino management and AQUADUE Control	**INDRZ**	Mandatory factory addressing of the remote control kits in the case of remote management via Modbus connection with AQUADUE Control or Bticino MYHome	

	CODE	DESCRIPTION
HYDRAULIC KITS	B0825	**2-way group valves with thermoelectric actuator kit (for 4 tubes model).** Consists of a valve with thermoelectric actuator and holder, the first allows for the control of terminal thermal emissions intercepting water passage; the holder allows the balancing of system load losses. This kit is mandatory in version SLR except in the case of using a 3-way valve kit or in the presence of a collector with thermoelectric heads.
	B0826	**3-way group valves kit with thermoelectric actuator (for 4 tubes model).** Consists of two three-way diverter valves with thermoelectric actuators, and two holders. They allow the control of terminal thermal emissions intercepting water passage; the holders allow the balancing of system load losses; the by-pass keeps water circulating in the system. This kit is an alternative to the 2-way solenoid valve kit.
	B0205 x2	**Manual 2-way group valves kit.** Consisting of a valve and a holder, the first allows the cabinet to be manually excluded from the system, while the holder allows the balancing of system load losses.
	B0204 x2	**Manual 2-way valve isolation kit.** Avoids condensation during the cooling operation (already included in the other thermoelectric hydraulic kits).
	B0200 B0201	**Adaptors couple kit.** Allows you to transform the Bi2 3/4 ″ Eurocone connection into a standard 1/2 ″(B0200) or 3/4 ″ (B0201) gas thread connection.
	B0203	**kit 90° Eurokonus bend.** Facilitates the connection in case of hydraulic connections with walled pipes
ELECTRICAL KITS	B0459	**Control connection extension kit.** Power and motor sensor electric connection cable for installations where connection positions are rotated (from Left to Right).
AESTHETICAL KITS	B0157	**Feet kit** Kit of two aesthetic feet for coverage of any floor pipes. Available in white.
	B0193	**Floor fixing bracket kit.** Terminal support and floor fixing bracket kit (front glass applications or on non-bearing walls). To be used in combination with kit B0157.
	B0181 (150) B0183 (250) B0185 (350) B0187 (500) B0189 (650)	**Back panel in painted sheet (for front glass applications).**

Ci2 **Wall**

High-wall fan coil.

FEATURES

Conditions, Dehumidifies, Heats and Filters

Available in two sizes

DC brushless motor

Fitted with large motorised flap

Installation facilitated via flexible connection

Three-way solenoid valve supplied

Remote control supplied

Remote control wall fixing bracket

Plastic body

Easy maintenance through the removable front panel

remote control unit supplied

Installation:

high-wall

Minimum Sound Pressure: 38 dB(A)

MODEL		Ci2 Wall LGW inverter	
		LGW 1200 DC	LGW 1400 DC
Ci2 Wall with 3-way valves	code	99353	99354
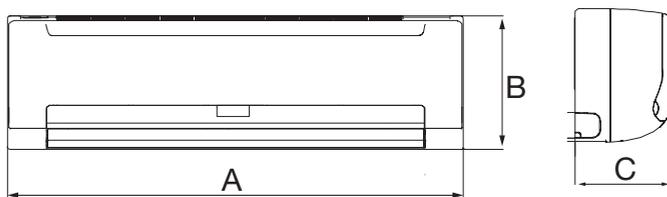
		LGW 1200 DC	LGW 1400 DC
A	mm	915	1072
B	mm	290	315
C	mm	230	230
net weight	kg	12,7	12,7

Easy maintenance through the removable front panel.

Step

Swing
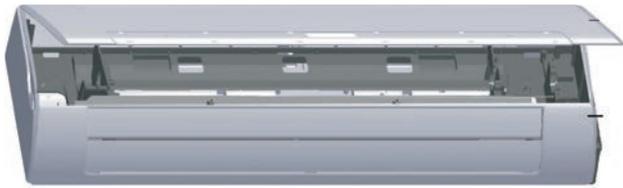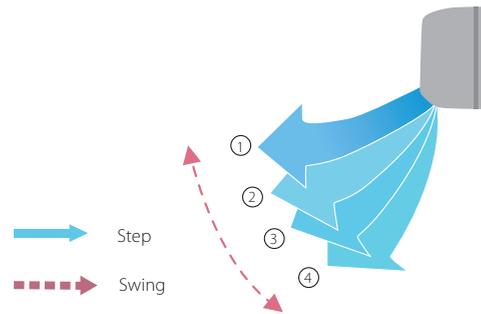
The motorised flap ensures that the direction of the air corresponds with the mode selected.

Ci2 Wall Accessories

	CODE	DESCRIPTION
	B0856	WALL-COMMAND FOR Ci2 WALL - LCD screen - Mode control - Fan speed control - Temp. Setting

MODEL		Ci2 wall LGW inverter	
		1200 DC	1400 DC
Total cooling capacity (a)	kW	2,70	3,81
Sensible cooling capacity (a)	kW	2,15	3,18
Water flow rate (a)	lt/h	467	659
Water pressure loss (a)	kPa	31,6	56,8
Heating capacity (50°C) (b)	kW	2,94	4,30
Water flow rate (50°C)	lt/h	467	659
Water pressure loss (50°C)	kPa	32,7	51,9
Maximum operating pressure	bar	16	16
Water connections	inch	3/4" F	3/4" F
Air flow min (d)	m3/h	400	590
Air flow max (d)	m3/h	492	825
Absorbed power min	W	10	15
Absorbed power max	W	13	34
Sound power min Lw	dB (A)	39	47
Sound power max Lw	dB (A)	44	57
Sound pressure (f)	dB (A)	38	51
Electrical supply	V/ph/Hz	220-240/1/50	220-240/1/50

(a) Cooling mode in standard conditions: air temperature 27°C d.b. 19°C w.b., water inlet temperature 7°C, water outlet temperature 12°C
(b) Heating mode in conditions of use 1: air temperature 20°C d.b., 15 °C w.b. max, water inlet temperature 50°C, water flow rate equal to that of standard condition cooling
(c) Heating mode in standard conditions: air temperature 20°C d.b., 15°C w.b. max, water inlet temperature 45°C, water outlet temperature 40°C
(d) Sound pressure level at 1.5 m distance, valid for closed environments with volume equal to 100 m3 with reverberation time of 0.5 s and floor/ceiling installation, sound emission on 1/4 of sphere
(E) Eurovent certificate data
(f) Air flow rate measured with clean filters
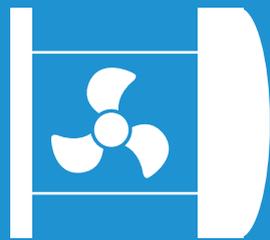
CONTROLLED MECHANICAL VENTILATION

CONTROLLED MECHANICAL VENTILATION

Decentralised residential controlled mechanical ventilation system

RECIRCULATION OF THE AIR

MOULD PREVENTION

HUMIDITY PREVENTION

ENERGY SAVING

CLEAN AIR WITH MAXIMUM ENERGY SAVING SILENTLY

RANGE CMV DECENTRALISED

SITALI DF100 PURE
CMV dual cross-flow, with heat recovery for automatic exchange and purification of the air

SITALI SFE100
CMV extraction only

SITALI SF150
CMV flow alternated with heat recovery

SITALI SF150
CMV flow alternated with heat recovery
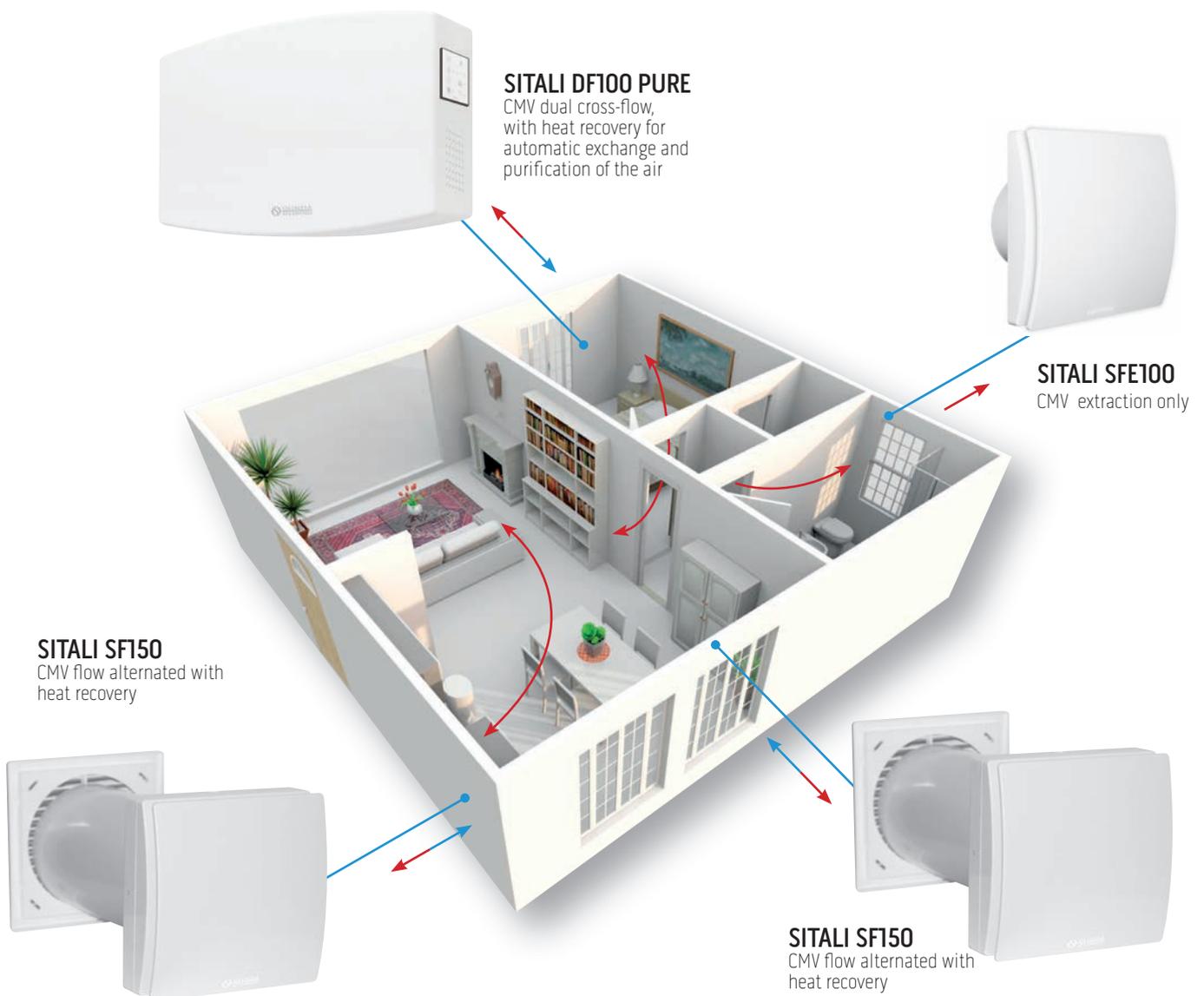
Sitali DF 100 Pure
Dual cross-flow, de-centralised Controlled Mechanical Ventilation with heat recovery, for automatic ventilation and purification of the air. Allows transfer of the heat of the air from the indoor rooms to the cold air introduced from outdoors, purifying the air introduced with the presence of the F7 anti-pollen filter.

Sitali SF 150
Decentralised, alternating single flow Controlled Mechanical Ventilation with heat recovery, which allows transfer of the heat of the air from the indoor rooms to the cold air introduced from outdoors. Several units can be synchronised with maximum acoustic comfort. The complete system requires cable connection.

Sitali SFE 100
Decentralised, continuous single flow Controlled Mechanical Ventilation (extraction only), for replacing stale air in the humid environments.

FEATURES:
- The Decentralised CMV units do not have to be connected to any internal air distribution network.
- Energy saving: the pre-heated external air, which is introduced into the indoor environments via the Sitali DF100 Pure and Sitali SF150 units, limits the necessity to solicit the heating system.
- The CMV units are fitted with EC brushless motorisation, with significantly reduced energy consumption.
- Indoor Air Quality: an appropriately dimensioned mechanical ventilation system guarantees the constant quality of the indoor air for the well-being and health of the occupants and the building.
- Periodic maintenance of the filters mounted on the Sitali DF100 Pure and Sitali SF150 units helps to maintain the indoor air healthier.

CODE	DESCRIPTION
99360	**SITALI DF100 PURE** Cmv dual cross-flow, with heat recovery
B0854	**KIT Sitali DF100** Kit for the replacement of f7 and g4 filters

CODE	DESCRIPTION
99431	**SITALI SF150** Cmv flow alternated with heat recovery

CODE	DESCRIPTION
99422	**SITALI SFE100** Cmv extraction only
B0837	**KIT SITALI SFE100** Pipe
B0838	**KIT SITALI SFE100** Grid

QUALITY OF THE AIR
An appropriately dimensioned mechanical ventilation system guarantees the constant quality of the indoor air for the well-being and heath if the occupants and the building. Periodic maintenance of the anti-dust filter mounted on the Sitali SF150 units helps to maintain the indoor air healthier.

ENERGY SAVING
The Sitali SFE100/SF150 units are fitted with EC brushless motorisation, with significantly reduced energy consumption.
Through the pre-heated outdoor air that is introduced into the indoor environments, the Sitali SF150 unit, limits the need to solicit the heating system.

SILENT SYSTEM
The units can be synchronised with each other in maximum acoustic comfort and are optimised for continuous 24/24h operation.

SITALI **DF**100 Pure

SITALI DF100 PURE Cod. 99360

Dual cross-flow, de-centralised **C**ontrolled **M**echanical **V**entilation with heat recovery for automatic exchange and purification of the air.

FEATURES

Energy class: **A**

EC Brushless Motor

Enthalpic cross-flow heat exchanger, composite material

F7 anti-pollen filter in introduction, for purification

G4 filter in extraction

Control on the machine and remote control unit

Filters replacement LED signal

Night time/hyperventilation function

SILENT FUNCTION
Only ◀ 18,6 dB (A) ▶
Optimised for continuous 24/24h operation

COMPACT TECHNOLOGY
Compact unit with reduced clearance and consequent easy transport, installation and maintenance.
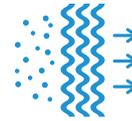
FILTERS F7 AND G4
The machine is fitted with the F7 anti-pollen filter in introduction mode and G4 filter in extraction
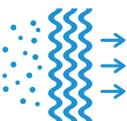
F7 ANTI-POLLEN FILTER FOR PURIFICATION OF INDOOR AIR
The indoor air is filtered by the special F7 filter, which can stop fine dusts such as PM10 and PM2.5, pollens and other pollutants harmful to health. The special F7 anti-pollen filter stops up to 90% of 0.4μ particles with dimensions six times finer than PM2.5.

PROTECTION FROM:

MOULD

POLLEN

HUMIDITY

FINE DUSTS
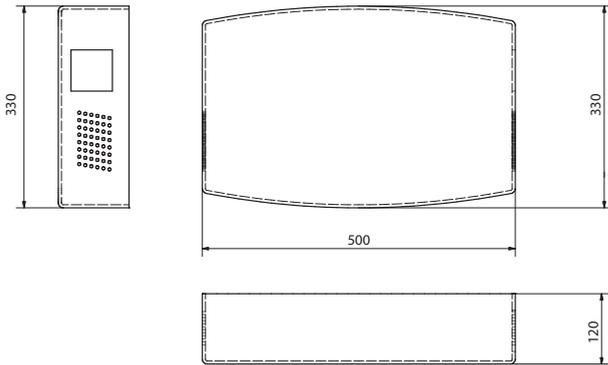
TECHNICAL DATA	SITALI DF100 Pure
Product code	99360
Hole diameter mm	100
Energy class	A
Flow rate adjustment	4 speed
Air flow rate m³/h	31/22/17/10
Sound pressure db(A)	36,6/29,7/23,8/18,6
Sound power (according to UNI 3744:2010)	44,6/37,7/31,8/26,6
Max. thermal	86%
Filters (introduction/extraction)	F7 / G4
Heat exchanger	Enthalpic cross-flow
Power supply voltage	230V - 50Hz - 1pH
Absorbed current max	0,68 A
Input power W	16,5/9/6,5/4,6
Mq treated	25m²
Weight	6,5 Kg

EXTERNAL GRIDS

Sitali DF100 Pure is supplied with a
standard Ø100 mm ducting kit,
for easy and quick installation,
with flexible vents that can be installed
from inside the building.

Control on the machine

Remote control unit
as per standard

Code B0854 - Sitali DF100 Pure, F7 and G4 filters kit
Kit for replacing F7 and G4 filters (present as per standard in the machine)

OPERATING LAYOUT

The stale air coming from closed rooms
is expelled outdoors.

The fresh air enters from outdoors and passes through
the special F7 filter, where it is purified from smog,
dusts, pollens and pollutants present
in the outdoor air.
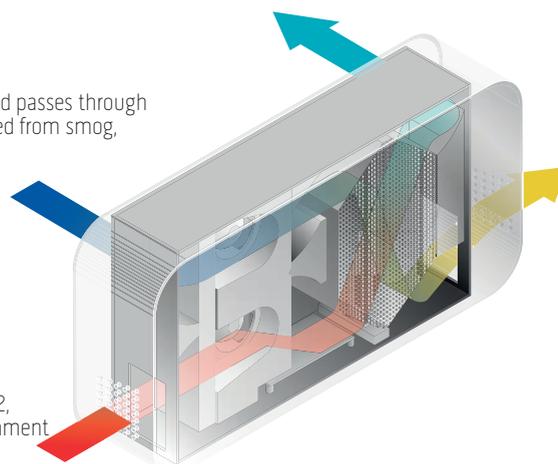
The heat exchanger heats the clean air
entering, recovering up to 86% of the heat
contained in the stale air heated by the plants.

The stale air, full of humidity and CO2,
is withdrawn from the indoor environment
and made to flow through the heat
exchanger, where it transfers its heat to the
fresh air entering.

SITALI **SF** 150

Alternate single flow decentralised **C**ontrolled **M**echanical **V**entilation with heat recovery

FEATURES

Temperature probe that adjusts the air flow inversion times to maintain the indoor comfort level

Energy class: **A**

EC brushless motor

Integrated humidity sensor

Easy maintenance, indoor magnetic release

Infra-red remote control with LCD

Double filter on the inner/outer side of the exchanger

Multicolour LED indicator

5 ventilation speeds available

Magnetic wall support for remote control

SILENT FUNCTION
The most silent: only ◀)) 10 -dB (A)
Optimised for continuous 24/24h operation.

INTELLIGENT FUNCTION
Thanks to the presence of the temperature detection probe, the air flow inversion time is self-adjusted to allow the best comfort indoors.

MAGNETIC FUNCTION
Quick release via magnets for easy maintenance without the need for specialised staff.

Telescopic pipe adaptable to the thickness of the wall

Anti-dust filter, easy to remove and washable

Magnetic release to facilitate maintenance operations

External grid

Regenerative heat exchanger with washable ceramic pack

Ventilating unit

Front cover in top quality ABS

remote control unit as per standard

Flow direction

Method
Filter reset

Ventilation speed

Timer

Ventilation speed key

Comfort/efficiency key

Flow direction key

Filter reset key

Boost key

TWO METHODS
Comfort: best acoustic comfort for use during the night
Efficency: best efficiency at maximum power

218   77,5

300÷570

158
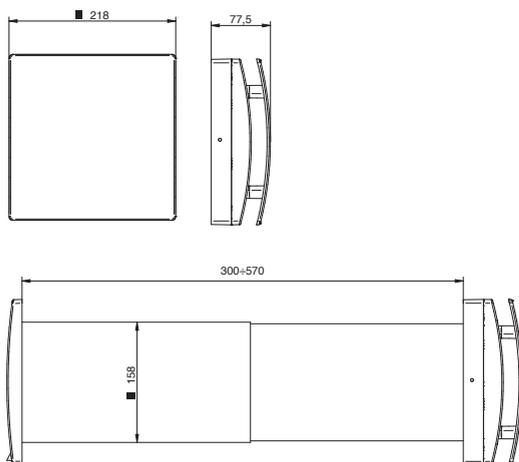
TECHNICAL DATA	SF 150
Product code	99431
Hole diameter mm	160
Energy class	A
Flow rate aria m³/h	60 / 50 / 40 / 30 / 20
Sound pressure db(A)*	29 / 24 / 20 / 14 / 10
absorption W	6 / 4,5 / 3,5 / 2,5 / 2
Termal efficency max	82%
Environment temperature °C max	-20°C +50°C
IP protection rating	IPX4
Weight kg	5,5

220-240 V ~ 50-60Hz aeraulic performance measured according to ISO 5801 at 230V 50Hz, density of the air 1.2 Kg/m3 - data measured in accredited TÜV Rheinland laboratory
* sound pressure level at 3m in free field

SITALI SFE 100

Continuous single flow decentralised **C**ontrolled **M**echanical **V**entilation

SITALI SFE 100 - cod. 99422

OLIMPIA SPLENDID
HOME OF COMFORT

INTEGRATED SYSTEMS

AIR CONDITIONING

AIR TREATMENT

HEATING

FEATURES

Top quality ABS structure

High-efficiency aerodynamic fan

EC brushless motor with thermal protection

Integrated humidity sensor

Elegant deign with minimalist lines

Front cover; easy to remove for cleaning, without the use of tools

Aerodynamic deflectors

Very low energy consumption

4 ventilation speeds available

SILENT FUNCTION
The most silent: only 🔊 11 dB (A)
Optimised for continuous 24/24h operation.

VENTILATION
Decentralised CMV unit with continuous single flow, Ø100 mm, with very low energy consumption, for replacing stale air in the humid environments with maximum acoustic comfort. Ideal for preventing problems of condensate and mould, which inevitably damage the structure and compromise the health of the occupants.

HUMIDITY DETECTION
The unit is fitted with a humidity detection sensor, adjustable from 50% to 95% R.H. and a timer; this can be adjusted from 0 to approx. 30 minutes. The unit operates continuously at the minimum speed selected, which increases automatically to the average speed when the R.H. percentage exceeds the threshold set.
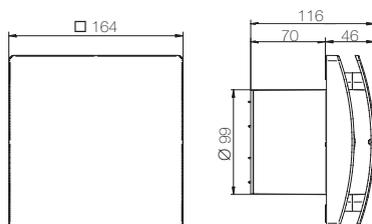
TECHNICAL DATA	SFE 100
Product code	99422
Hole diameter mm	100 (110 with telecopic tube)
Flow rate m³/h	83 / 47 / 29 / 21
Consumption W	2,5 / 1,7 / 1,2 / 1
Sound pressure db(A)*	26 / 23 / 13 / 11
Environment temperature °C max	50
IP protection rating	IPX4
Weight kg	0,6

220-240 V ˜ 50-60Hz aeraulic performance measured according to ISO 5801 at 230V 50Hz, density of the air 1.2 Kg/m3 - data measured in accredited TÜV Rheinland laboratory
* sound pressure level at 3m in free field

□ 164
116
70
46
Ø 99
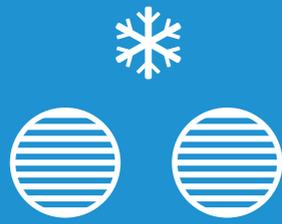
UNICO

THE **U**NICO **R**ANGE

The air conditioner **without outdoor unit**, patented and designed by Olimpia Splendid in 1998.
Unico, born with 15 years of experience.

Unico is the winner of GOOD DESIGN AWARD. Founded in Chicago in 1950, GOOD DESIGN is the oldest internationally recognized competition for design excellence.

A complete range of solutions with **no architectural impact.**

MADE **I**N **I**TALY

UNICO has been made in Italy by Olimpia Splendid since 1998, a warranty or quality and experience.*

* Consolle model excluded

OLIMPIA **S**PLENDID **G**RID **T**ECHNOLOGY

The external grilles, designed by Olimpia Splendid maximize the tradeoff between air flow and coil protection, ensuring the highest heat exchange coefficient and durability. Grids are also free of mechanical and electrical devices thereby reducing the risk of faults and system malfunction to zero.

27 dB **S**ILENT **T**ECHNOLOGY

With the latest generation sound absorbing and anti-vibration materials UNICO is a machine that ensures the lowest noise levels in its category . Noise is reduced down to 27 db.*

* AIR version

16 cm SLIM DESIGN

Olimpia Splendid patented technology allows to build in a single unit what is traditionally divided in two: the compressor placed outside and the fan placed in the room to be cooled.
Today all of UNICO*'s technology can be found a thickness of only 16 cm.

* Thickness refers to the AIR version.

-30% INVERTER SYSTEM

Olimpia Splendid's variable speed compressor and inverter control ensure a constant adaptation of the cooling capacity to the ambient thermal load.
Hence, up to 30%* of energy can be saved.

(*) Only inverter products

100%
80%
70%

NON INVERTER   AC INVERTER   DC INVERTER

SAVINGS 30%
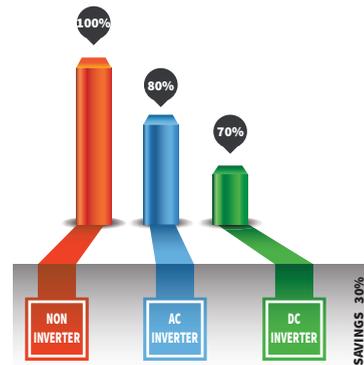
x2 TWIN TECHNOLOGY

Patented technology that makes double room air conditioning possible without outdoor unit. You can use the two units (Master and Wall) together or separate, both in heating and cooling.

(*) only for Unico Twin and Unico Boiler units.

THE **U**NICO **R**ANGE

	AC motor		DC motor		
MONO	UNICO AIR pag. 112 bottom wall	UNICO SMART e UNICO R pag. 120-134 bottom wall	UNICO AIR INVERTER pag. 114 bottom wall	UNICO INVERTER pag. 122 bottom wall	UNICO PRO INVERTER pag. 124 bottom wall
RECESSED	UNICO AIR pag. 116 parete basso / parete alto		UNICO AIR INVERTER pag. 118 bottom wall		
CONSOLLE	UNICO EASY pag. 132 floor				
MULTI	UNICO TWIN pag. 130	UNICO BOILER pag. 136			
TOWER			UNICO TOWER pag. 128 floor		

INSTALLATION NOTE
By maintaining the same center to center distance of inlet and outlet holes, every model in the Unico range can easily substitute previously installed ones.

ACCESSORIES

CODE	DESCRIPTION
B1015	**KIT UNICO Wi-Fi** Additional kit compatible on the entire Unico range (see compatibility table)
B1014	**SERIAL INTERFACE FOR UNICO** Interface for receiving wireless commands (desired temperature, fan speed, air flap operation and air circulation operation) or by contact (cooling or heating mode operation, fan speed). Presence contact input or Sleep mode. Alarm output in case of malfunction. Compatible with all models (excluding Unico Twin, Boiler, Easy SF).
B1012	**WIRELESS WALL CONTROL FOR UNICO** Wall controller with battery power, for sending wireless commands (desired temperature, fan speed, air deflector function.) Compatible with all models (excluding Unico Twin, Boiler, Easy SF).
B0776	**CLOSING PANEL FOR RECESSED STRUCTURE** Designed to completely camouflage the product in the building's architecture, only compatible with UNICO AIR models.
B0775	**RECESSED FORMWORK KIT** Provided for quick installation and already prepared with holes for the product's installation, only compatible with UNICO AIR models.
B0565	**INSTALLATION KIT FOR 200mm HOLES** Installation kit for Unico (installation template 1: 1 scale, support bracket, universal PP sheets, internal torque flanges Ø 200 mm, pair of external folding grid Ø 200 mm, torque caps). (Not compatible with Unico Easy)
B0564	**INSTALLATION KIT** Internal torque flanges Ø 160 mm, pair of external folding grid Ø 160 mm, torque caps.
B0620	**HEATING CABLE UNICO KIT** Heating cable, prevents the formation of ice in the condensation dispersal basin.
B0753	**200 mm RAIN COVER KIT** Rain cover kit to be installed on the outside wall to protect the holes (for installations in extreme weather conditions). Designed for ø 200 mm grid.
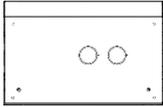
WI-FI UNICO®

KIT WI-FI UNICO

CLOUD

Wi Fi Ready
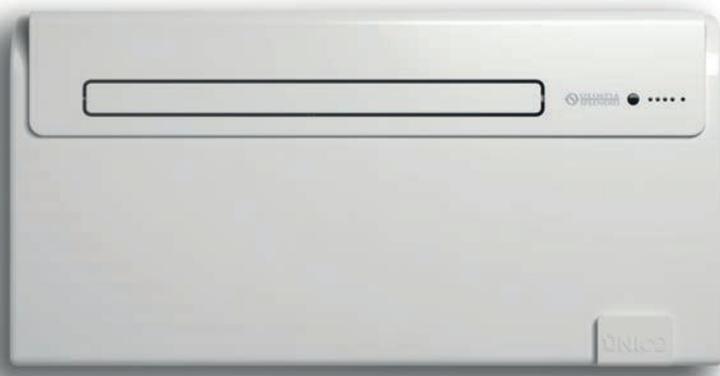
Bluetooth

KIT UNICO WI-FI	
Code	B1015

Additional kit compatible on the entire Unico range (see compatibility table)

EASY INSTALLATION
First installation facilitated via Bluetooth connection; this allows to save time and makes installation independent from the Wi-Fi.

DUAL MANAGEMENT
Possibility of managing the terminal in both bluetooth mode and in Wi-Fi mode. Bluetooth is recommended especially for the homes where there is no Wi-Fi network. (second homes for example).

CLOUD
Remote connection (away from home) via Cloud (3G or 4G smartphone network). The connection with Cloud does not require configuration of the router.

DOWNLOAD OUR APP

OLIMPIA SPLENDID UNICO

The new Olimpia Splendid application to control and set your Unico locally or in remote mode.
Available for Download on Apple Store and Google Play

Available on the iPhone **App Store**

ANDROID APP ON **Google play**

FEATURES

KIT UNICO WIFI (B1015):
- Simple installation, to be performed only by qualified staff

APP UNICO WIFI:
- Available for iPhone, iPad, iPod with IOS 9.0 Operating System or later versions
- Available for Android smartphones with Android 4.4 Operating System or later versions
- Possibility of managing air conditioners via Wi-Fi and bluetooth
- Management of air conditions also when away from home
- Free access to the app without any identification needed
- The password associated to the specific kit is required to add the air conditioner to the app.
- Association of the air conditioner to the app via Bluetooth connection
- All modes can be set: Heating, Cooling, Dehumidification, ventilation only, automatic
- "Special" functions can be set: Vertical swing
- Environment temperature display
- Weekly timer with 2 time periods. Programming with different time, method and set point for each period for every day
- Machine alarms display on the home-page of the individual air conditioner and recording in the log
- Available in Italian, English, French, Spanish and German

Special functions:
- Verification of the strength of the Wi-Fi signal detected by the board
- Service: for display/modification of the machine variables and parameters
- Guide: direct access to Help in language set
- Presence contact management: air conditioner disabled if the contact is opened and re-enabled on closure.
- The air conditioners installed are linked to the individual app on the telephone: if the telephone is changed, all the air conditioners must be re-installed
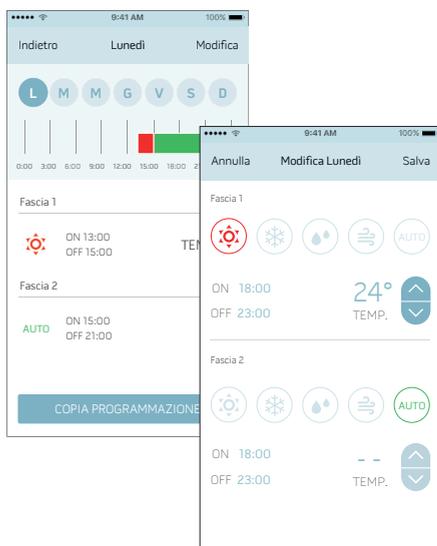
Air conditioning Function	**Heating Function**	**Dehumidification Function**	**Ventilation Only Function**	**Automatic Function**

MODELS COMPATIBILITY TABLE

	KIT UNICO WI-FI
Unico Smart 10 SF/HP	x
Unico Smart 12 SF/HP	x
Unico Inverter 9 SF/HP	x
Unico Inverter 12 SF/HP	x
Unico Pro Inverter 12 HP A+	x
Unico Pro Inverter 14 HP	x
Unico Air 8 SF/HP	x
Unico Air Inverter 8 SF/HP	x
Unico Air Inverter 10 HP	x

	KIT UNICO WI-FI
Unico Air recessed 8 SF/HP	x
Unico Air Inverter recessed 8 SF/HP	x
Unico Air Inverter recessed 10 HP	x
Unico R	x
Unico Tower Inverter 12 HP	x
Unico Easy SF/HP	-
Unico Twin	-
Unico Boiler	-

UNICO® AIR

The thinnest and quietest air-conditioner **without outdoor unit** ever.

UNICO AIR 8 SF   Cod. 01503
UNICO AIR 8 HP   Cod. 01504

Unico Air is the winner of GOOD DESIGN AWARD. Founded in Chicago in 1950, GOOD DESIGN is the oldest internationally recognized competition for design excellence.

Design by Sara Ferrari

FEATURES

Capacity: 1.8 kW
Available in versions: SF (Cooling only) - HP (Heat Pump)
Double Class **A**
Refrigerant gas R410A**
Installation versatility: top or bottom wall
Easy installation: Unico can be installed from the inside in a few minutes
Wireless wall control (Optional)
Large flap for homogeneous air diffusion in the room
Multifunction remote control
24 hour Timer

FUNCTIONS

- **Fan only mode**
- **Dehumidification only mode**
- **Auto mode:** changes parameters depending on ambient temperature.
- **Sleep mode:** gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.
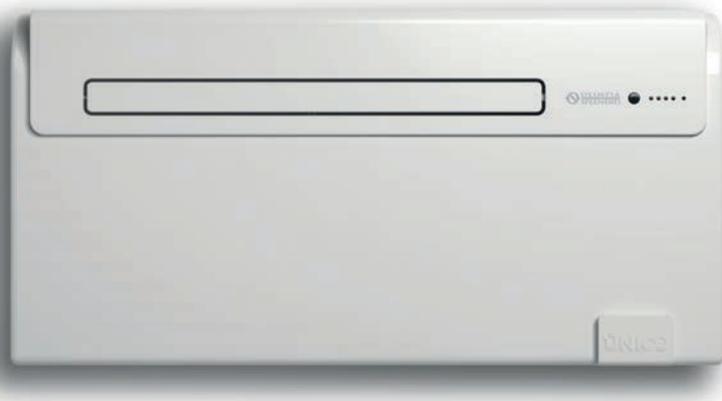
REDUCED **G**RIDS **Ø 16 CM**

SILENT SYSTEM
Up to 10% quieter at minimum speed. Sound pressure only 27 dB (A) *

SLIM DESIGN
All Unico's technology in just 16 cm thickness.
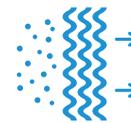
PURE SYSTEM 2
A multi filtering system that combines an electrostatic filter(which eliminates small particles such as smoke, dust, pollen and pet hair, helping to prevent allergic reactions) with an activated carbon filter (which eliminates bad odors and inactivates any harmful gas).

HEAT PUMP
Heat pump air conditioner. Thanks to this feature you can replace traditional heating in intermediate seasons or support it.

UNICO AIR			
	A	B	C	Weight kg
mm	978	164	491	37

* Measurement in semi anechoic chamber at a distance of 2m away fan only
** Hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

			UNICO AIR 8 SF	UNICO AIR 8 HP
Product code			01503	01504
Cooling power (min/max)		kW	-	-
Heating power (min/max)		kW	-	-
Nominal cooling capacity (1)	P rated	kW	❄ 1,8	❄ 1,8
Nominal heating capacity (1)	P rated	kW	-	☀ 1,7
Nominal power consumption for cooling (1)	PEER	kW	0,7	0,7
Nominal absorption for cooling (1)		A	3,1	3,1
Nominal power consumption for heating (1)	PCOP	kW	-	0,5
Nominal absorption for heating (1)		A	-	2,5
Nominal energy efficiency index (1)	EERd		2,6	2,6
Nominal efficiency coefficient (1)	COPd		-	3,1
Energy efficiency class in cooling (1)			A	A
Energy efficiency class in heating (1)			-	A
Energy consumption in "thermostat off" mode	PTO		14,0	14,0
Energy consumption in "standby" mode (EN 62301)	PSB		0,5	0,5
Energy consumption for double pipe appliances (1) cooling	QDD	kWh/h	0,7	0,7
Energy consumption for double pipe appliances (1) heating	QDD	kWh/h	-	0,5
Supply voltage		V-F-Hz	230-1-50	230-1-50
Supply voltage minimum/maximum		V	198 / 264	198 / 264
Maximum power consumption in cooling mode (1)		kW	-	-
Maximum absorption in cooling mode (1)		A	-	-
Maximum power consumption in heating mode (1)		kW	-	-
Maximum absorption in heating mode (1)		A	-	-
Maximum power consumption with electric resistance heating		kW	-	-
Maximum absorption with electric resistance heating		A	-	-
Dehumidification capacity		l/h	0,6	0,6
Air flow rate in cooling environment (max/med/min)		m³/h	215/180/150	215/180/150
Air flow rate in heating environment (max/med/min)		m³/h	-	215/180/150
Air flow rate with electric resistance heating environment		m³/h	-	-
External air flow rate in cooling (max/min)		m³/h	380	380
External air flow rate in heating (max/min)		m³/h	-	380
Internal ventilation speed			3	3
External ventilation speed			1	1
Diameter wall holes		mm	162	162
Electric resistance heating			-	-
Maximum range remote control (distance / angle)		m / °	8 / ±80°	8 / ±80°
Dimensions (Larg. x Alt. x Prof.) (without packaging)		mm	978 x 491 x 164	978 x 491 x 164
Dimensions (Larg. x Alt. x Prof.) (with packaging)		mm	1060 x 595 x 250	1060 x 595 x 250
Weight (without packaging)		Kg	37	37
Weight (with packaging)		Kg	41	41
Internal sound pressure (Min Max) (2)		dB(A)	🔊 27-38	🔊 27-38
Internal sound power level (EN 12102)	LWA	dB(A)	53	53
Degree of protection provided by covers			IP 20	IP 20
Refrigerant gas*		Type	R410A	R410A
Global warming potential	GWP	kgCO2 eq.	2088	2088
Refrigerant gas charge		kg	0,48	0,48
Maximum operating pressure		MPa	3,70	3,70
Power cable (N° pole x section mm²)			3 x 1,5	3 x 1,5

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 24°C
	Minimum temperature in cooling	DB 18°C
	Maximum temperature in heating	DB 27°C
	Minimum temperature in heating	-
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB -10°C
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C

(1) Test condition: data refers to regulation EN14511 - HEATING MODE: outdoor ambient temperature DB 7°C / WB 6°C; indoor ambient DB 20°C / WB 15°C
   COOLING MODE: outdoor ambient temperature DB 35°C / WB 24°C; indoor ambient DB 27°C / WB 19°C
(2): Data test declaration in semianechoic room at a distance of 2m, minimum sound pressure with ventilation only.
- By maintaining the same center to center distance of inlet and outlet holes and the possibility of installation with 162 mm diameter holes, models in the Unico Smart, Unico Inverter and Unico Act range may easily substitute previously installed Unico Star and Unico Sky models.
* hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

UNICO® AIR inverter

The **thinnest** and **quietest** air-conditioner whitout outdoor unit. Today, **inverter**.

UNICO AIR INVERTER 8 SF   Cod. 01601
UNICO AIR INVERTER 8 HP   Cod. 01600
UNICO AIR INVERTER 10 HP   Cod. 01802

GOOD DESIGN Unico AIR Inverter® is the winner of GOOD DESIGN AWARD 2016. Founded in Chicago in 1950, GOOD DESIGN is the oldest internationally recognized competition for design excellence.

Design by Sara Ferrari

REDUCED GRIDS Ø 16 CM

FEATURES

Two capacity versions Max: 2,16 kW and 2,75 kW
Available in versions: SF (Cooling only) - HP (Heat Pump)
Double class **A**
Refrigerant gas R410A**
Installation versatility: top or bottom wall
Easy installation: Unico can be installed from the inside in a few minutes
Wireless wall control (Optional)
Large flap for homogeneous air diffusion in the room
Multifunction remote control
24 hour Timer

FUNCTIONS

€ **Economy mode:** allows energy saving by automatically optimizing the machine's performance

Fan only mode

Dehumidification only mode

Auto mode: changes parameters depending on ambient temperature.

Sleep mode: gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

OLIMPIA SPLENDID'S INVERTER SYSTEM

100%
80%
70%

NON INVERTER
AC INVERTER
DC INVERTER

SAVINGS 30%

SILENT SYSTEM

Up to 10% quieter at minimum speed. Sound pressure only 27 dB (A) *

SLIM DESIGN

All Unico technology in just 16 cm thickness.

HEAT PUMP

Heat pump air conditioner. Thanks to this feature you can replace traditional heating in intermediate seasons or support it.

PURE SYSTEM 2

A multi filtering system that combines an electrostatic filter (which eliminates small particles such as smoke, dust, pollen and pet hair, helping to prevent allergic reactions) with an activated carbon filter (which eliminates bad odors and inactivates any harmful gas).

A

B

C
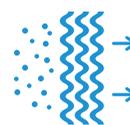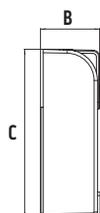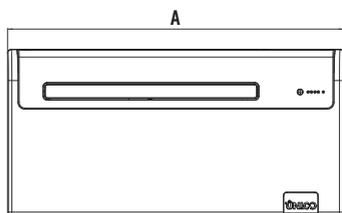
UNICO AIR INVERTER			
	A	B	C	Weight kg
mm	978	160	491	37

* Measurement in semi anechoic chamber at a distance of 2m away fan only
** Hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

OLIMPIA SPLENDID
HOME OF COMFORT

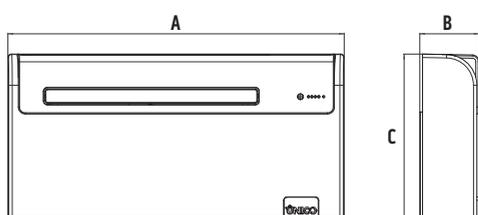|			UNICO AIR INVERTER 8 SF	UNICO AIR INVERTER 8 HP	UNICO AIR INVERTER 10 HP
Product code			01601	01600	01802
Cooling power (min/max)		kW	1,2/**2,16**	1,2/**2,16**	1,2/**2,75**
Heating power (min/max)		kW	-	1,1/**2,04**	1,1/**2,40**
Nominal cooling capacity (1)	P rated	kW	❄ 1,8	❄ 1,8	❄ 2,3
Nominal heating capacity (1)	P rated	kW	-	☀ 1,7	☀ 2,0
Nominal power consumption for cooling (1)	PEER	kW	0,7	0,7	0,9
Nominal absorption for cooling (1)		A	3,1	3,1	3,9
Nominal power consumption for heating (1)	PCOP	kW	-	0,5	0,6
Nominal absorption for heating (1)		A	-	2,5	2,9
Nominal energy efficiency index (1)	EERd		2,6	2,6	2,6
Nominal efficiency coefficient (1)	COPd		-	3,1	3,1
Energy efficiency class in cooling (1)			A	A	A
Energy efficiency class in heating (1)			-	A	A
Energy consumption in "thermostat off" mode	PTO		12,0	12,0	12,0
Energy consumption in "standby" mode (EN 62301)	PSB		0,5	0,5	0,5
Energy consumption for double pipe appliances (1) cooling	QDD	kWh/h	0,7	0,7	0,9
Energy consumption for double pipe appliances (1) heating	QDD	kWh/h	-	0,5	0,6
Supply voltage		V-F-Hz	230-1-50	230-1-50	230-1-50
Supply voltage minimum/maximum		V	198 / 264	198 / 264	198 / 264
Maximum power consumption in cooling mode (1)		kW	0,4-0,76	0,4-0,76	0,4-0,91
Maximum absorption in cooling mode (1)		A	1,8-4,1	1,8-4,1	1,8-4,1
Maximum power consumption in heating mode (1)		kW	-	0,3-0,75	0,3-0,79
Maximum absorption in heating mode (1)		A	-	1,5-3,65	1,5-3,65
Maximum power consumption with electric resistance heating		kW	-	-	-
Maximum absorption with electric resistance heating		A	-	-	-
Dehumidification capacity		l/h	0,6	0,6	0,8
Air flow rate in cooling environment (max/med/min)		m³/h	235/180/150	235/180/150	235/180/150
Air flow rate in heating environment (max/med/min)		m³/h	-	235/180/150	190/170/150
Air flow rate with electric resistance heating environment		m³/h	-	-	-
External air flow rate in cooling (max/min)		m³/h	380 / 190	380 / 190	380 / 190
External air flow rate in heating (max/min)		m³/h	-	380 / 190	380 / 190
Internal ventilation speed			3	3	3
External ventilation speed			2	2	2
Diameter wall holes		mm	162	162	162
Electric resistance heating			-	-	-
Maximum range remote control (distance / angle)		m / °	8 / ±80°	8 / ±80°	8 / ±80°
Dimensions (Larg. x Alt. x Prof.) (without packaging)		mm	978 x 491 x 164	978 x 491 x 164	978 x 500 x 164
Dimensions (Larg. x Alt. x Prof.) (with packaging)		mm	1060 x 595 x 250	1060 x 595 x 250	1060 x 595 x 250
Weight (without packaging)		Kg	37	37	39
Weight (with packaging)		Kg	41	41	43
Internal sound pressure (Min Max) (2)		dB(A)	◀) 27-38	◀) 27-38	◀) 27-38
Internal sound power level (EN 12102)	LWA	dB(A)	53	53	54
Degree of protection provided by covers			IP 20	IP 20	IP20
Refrigerant gas*		Type	R410A	R410A	R410A
Global warming potential	GWP	kgCO2 eq.	2088	2088	2088
Refrigerant gas charge		kg	0,37	0,37	0,36
Maximum operating pressure		MPa	4,20	4,20	4,20
Power cable (N° pole x section mm²)			3 x 1,5	3 x 1,5	3 x 1,5

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 24°C
	Minimum temperature in cooling	DB 18°C
	Maximum temperature in heating	DB 27°C
	Minimum temperature in heating	-
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB -10°C
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C

(1) Test condition: data refers to regulation EN14511 - HEATING MODE: outdoor ambient temperature DB 7°C / WB 6°C; indoor ambient DB 20°C / WB 15°C
   COOLING MODE: outdoor ambient temperature DB 35°C / WB 24°C; indoor ambient DB 27°C / WB 19°C
(2): Data test declaration in semianechoic room at a distance of 2m, minimum sound pressure with ventilation only.
- By maintaining the same center to center distance of inlet and outlet holes and the possibility of installation with 162 mm diameter holes, models in the Unico Smart, Unico Inverter and Unico Act range may easily substitute previously installed Unico Star and Unico Sky models.
* hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

UNICO® AIR recessed

The recessed air-conditioner **without outdoor unit**.

UNICO AIR 8 SF	Cod. 01503
UNICO AIR 8 HP	Cod. 01504
RECESSED PANEL	Cod. B0776
FORMWORK KIT FOR RECESSED	Cod. B0775

FEATURES

Capacity: 1,8 kW
Available in versions: SF (Cooling only) - HP (Heat Pump)
Double class **A**
Refrigerant gas R410A**
Installation versatility: top or bottom wall
Easy installation: Unico can be installed from the inside in a few minutes
Wireless wall control (Optional)
Large flap for homogeneous air diffusion in the room
Multifunction remote control
24 hour Timer

FUNCTIONS

- **Fan only mode**
- **Dehumidification only mode**
- **Auto mode:** changes parameters depending on ambient temperature.
- **Sleep mode:** gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

Design by Sara Ferrari

REDUCED GRIDS Ø 16 CM

SILENT SYSTEM
Up to 10% quieter at minimum speed. Sound pressure only 27 dB (A) *

HEAT PUMP
Heat pump air conditioner. Thanks to this feature you can replace traditional heating in intermediate seasons or support it.

PURE SYSTEM 2
A multi filtering system that combines an electrostatic filter(which eliminates small particles such as smoke, dust, pollen and pet hair, helping to prevent allergic reactions) with an activated carbon filter (which eliminates bad odors and inactivates any harmful gas).

SLIM DESIGN
All Unico's technology in just 16 cm inside thickness and just 9mm thickness of the outside frame.

RECESSED PANEL		
	A	B	C
mm	1173	9	754

FORMWORK RECESSED		
	A	B	C
mm	1114	171	725

* Measurement in semi anechoic chamber at a distance of 2m away fan only
** Hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

			UNICO AIR 8 SF	UNICO AIR 8 HP
Product code			01503	01504
Cooling power (min/max)		kW	-	-
Heating power (min/max)		kW	-	-
Nominal cooling capacity (1)	P rated	kW	❄ 1,8	❄ 1,8
Nominal heating capacity (1)	P rated	kW	-	☀ 1,7
Nominal power consumption for cooling (1)	PEER	kW	0,7	0,7
Nominal absorption for cooling (1)		A	3,1	3,1
Nominal power consumption for heating (1)	PCOP	kW	-	0,5
Nominal absorption for heating (1)		A	-	2,5
Nominal energy efficiency index (1)	EERd		2,6	2,6
Nominal efficiency coefficient (1)	COPd		-	3,1
Energy efficiency class in cooling (1)			A	A
Energy efficiency class in heating (1)			-	A
Energy consumption in "thermostat off" mode	PTO		14,0	14,0-
Energy consumption in "standby" mode (EN 62301)	PSB		0,5	0,5
Energy consumption for double pipe appliances (1) cooling	QDD	kWh/h	0,7	0,7
Energy consumption for double pipe appliances (1) heating	QDD	kWh/h	-	0,5
Supply voltage		V-F-Hz	230-1-50	230-1-50
Supply voltage minimum/maximum		V	198 / 264	198 / 264
Maximum power consumption in cooling mode (1)		kW	-	-
Maximum absorption in cooling mode (1)		A	-	-
Maximum power consumption in heating mode (1)		kW	-	-
Maximum absorption in heating mode (1)		A	-	-
Maximum power consumption with electric resistance heating		kW	-	-
Maximum absorption with electric resistance heating		A	-	-
Dehumidification capacity		l/h	0,6	0,6
Air flow rate in cooling environment (max/med/min)		m³/h	215/180/150	215/180/150
Air flow rate in heating environment (max/med/min)		m³/h	-	215/180/150
Air flow rate with electric resistance heating environment		m³/h	-	-
External air flow rate in cooling		m³/h	380	380
External air flow rate in heating		m³/h	-	380
Internal ventilation speed			3	3
External ventilation speed			1	1
Diameter wall holes		mm	162	162
Electric resistance heating			-	-
Maximum range remote control (distance / angle)		m / °	8 / ±80°	8 / ±80°
Dimensions (Larg. x Alt. x Prof.) (without packaging)		mm	978 x 491 x 164	978 x 491 x 164
Dimensions (Larg. x Alt. x Prof.) (with packaging)		mm	1060 x 595 x 250	1060 x 595 x 250
Weight (without packaging)		Kg	37	37
Weight (with packaging)		Kg	41	41
Internal sound pressure (Min Max) (2)		dB(A)	🔊 27-38	🔊 27-38
Internal sound power level (EN 12102)	LWA	dB(A)	53	53
Degree of protection provided by covers			IP 20	IP 20
Refrigerant gas*		Type	R410A	R410A
Global warming potential	GWP	kgCO2 eq.	2088	2088
Refrigerant gas charge		kg	0,48	0,48
Maximum operating pressure		MPa	3,70	3,70
Power cable (N° pole x section mm²)			3 x 1,5	3 x 1,5

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 24°C
	Minimum temperature in cooling	DB 18°C
	Maximum temperature in heating	DB 27°C
	Minimum temperature in heating	-
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB -10°C
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C

(1) Test condition: data refers to regulation EN14511 - HEATING MODE: outdoor ambient temperature DB 7°C / WB 6°C; indoor ambient DB 20°C / WB 15°C
    COOLING MODE: outdoor ambient temperature DB 35°C / WB 24°C; indoor ambient DB 27°C / WB 19°C
(2): Data test declaration in semianechoic room at a distance of 2m, minimum sound pressure with ventilation only.
- By maintaining the same center to center distance of inlet and outlet holes and the possibility of installation with 162 mm diameter holes, models in the Unico Smart,
   Unico Inverter and Unico Act range may easily substitute previously installed Unico Star and Unico Sky models.
* hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

UNICO® AIR inverter recessed

The recessed air-conditioner **without outdoor unit**.
Today, inverter.

UNICO AIR INVERTER 8 SF	Cod. 01601
UNICO AIR INVERTER 8 HP	Cod. 01600
UNICO AIR INVERTER 10 HP	Cod. 01802
RECESSED PANEL	Cod. B0776
FORMWORK KIT FOR RECESSED	Cod. B0775

Design by Sara Ferrari

REDUCED GRIDS Ø 16 CM

FEATURES

Two capacity versions Max: 2,16 kW and 2,75 kW
Available in versions: SF (Cooling only) - HP (Heat Pump)
Double class A
Refrigerant gas R410A**
Installation versatility: top or bottom wall
Easy installation: Unico can be installed from the inside in a few minutes
Wireless wall control (Optional)
Large flap for homogeneous air diffusion in the room
Multifunction remote control
24 hour Timer

FUNCTIONS

- **Economy mode:** allows energy saving by automatically optimizing the machine's performance
- **Fan only mode**
- **Dehumidification only mode**
- **Auto mode:** changes parameters depending on ambient temperature.
- **Sleep mode:** gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

OLIMPIA SPLENDID'S INVERTER SYSTEM

100%
80%
70%

NON INVERTER
AC INVERTER
DC INVERTER

SAVINGS 30%

HEAT PUMP

Heat pump air conditioner. Thanks to this feature you can replace traditional heating in intermediate seasons or support it.

SILENT SYSTEM

Up to 10% quieter at minimum speed. Sound pressure only 27 dB (A) *

PURE SYSTEM 2

A multi filtering system that combines an electrostatic filter(which eliminates small particles such as smoke, dust, pollen and pet hair, helping to prevent allergic reactions) with an activated carbon filter (which eliminates bad odors and inactivates any harmful gas).

SLIM DESIGN

All Unico's technology in just 16 cm inside thickness and just 9mm thickness of the outside frame.

RECESSED PANEL

	A	B	C
mm	1173	9	754

FORMWORK RECESSED

	A	B	C
mm	1114	171	725

* Measurement in semi anechoic chamber at a distance of 2m away fan only
** Hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

OLIMPIA SPLENDID
HOME OF COMFORT

			UNICO AIR INVERTER 8 SF	UNICO AIR INVERTER 8 HP	UNICO AIR INVERTER 10 HP
Product code			01601	01600	01802
Cooling power (min/max)		kW	1,2/**2,16**	1,2/**2,16**	1,2/**2,75**
Heating power (min/max)		kW	-	1,1/**2,04**	1,1/**2,40**
Nominal cooling capacity (1)	P rated	kW	❄ 1,8	❄ 1,8	❄ 2,3
Nominal heating capacity (1)	P rated	kW	-	☀ 1,7	☀ 2,0
Nominal power consumption for cooling (1)	PEER	kW	0,7	0,7	0,9
Nominal absorption for cooling (1)	A		3,1	3,1	3,9
Nominal power consumption for heating (1)	PCOP	kW	-	0,5	0,6
Nominal absorption for heating (1)	A		-	2,5	2,9
Nominal energy efficiency index (1)	EERd		2,6	2,6	2,6
Nominal efficiency coefficient (1)	COPd		-	3,1	3,1
Energy efficiency class in cooling (1)			A	A	A
Energy efficiency class in heating (1)			-	A	A
Energy consumption in "thermostat off" mode	PTO		12,0	12,0	12,0
Energy consumption in "standby" mode (EN 62301)	PSB		0,5	0,5	0,5
Energy consumption for double pipe appliances (1) cooling	QDD	kWh/h	0,7	0,7	0,9
Energy consumption for double pipe appliances (1) heating	QDD	kWh/h	-	0,5	0,6
Supply voltage		V-F-Hz	230-1-50	230-1-50	230-1-50
Supply voltage minimum/maximum		V	198 / 264	198 / 264	198 / 264
Maximum power consumption in cooling mode (1)		kW	0,4-0,76	0,4-0,76	0,4-0,91
Maximum absorption in cooling mode (1)		A	1,8-4,1	1,8-4,1	1,8-4,1
Maximum power consumption in heating mode (1)		kW	-	0,3-0,75	0,3-0,79
Maximum absorption in heating mode (1)		A	-	1,5-3,65	1,5-3,65
Maximum power consumption with electric resistance heating		kW	-	-	-
Maximum absorption with electric resistance heating		A	-	-	-
Dehumidification capacity		l/h	0,6	0,6	0,8
Air flow rate in cooling environment (max/med/min)		m³/h	235/180/150	235/180/150	235/180/150
Air flow rate in heating environment (max/med/min)		m³/h	-	235/180/150	190/170/150
Air flow rate with electric resistance heating environment		m³/h	-	-	-
External air flow rate in cooling (max/min)		m³/h	380	380	380 / 190
External air flow rate in heating (max/min)		m³/h	-	380	380 / 190
Internal ventilation speed			3	3	3
External ventilation speed			1	1	2
Diameter wall holes		mm	162	162	162
Electric resistance heating			-	-	-
Maximum range remote control (distance / angle)		m / °	8 / ±80°	8 / ±80°	8 / ±80°
Dimensions (Larg. x Alt. x Prof.) (without packaging)		mm	978 x 491 x 164	978 x 491 x 164	978 x 500 x 164
Dimensions (Larg. x Alt. x Prof.) (with packaging)		mm	1060 x 595 x 250	1060 x 595 x 250	1060 x 595 x 250
Weight (without packaging)		Kg	37	37	39
Weight (with packaging)		Kg	41	41	43
Internal sound pressure (Min Max) (2)		dB(A)	🔊 27-38	🔊 27-38	🔊 27-38
Internal sound power level (EN 12102)	LWA	dB(A)	53	53	54
Degree of protection provided by covers			IP 20	IP 20	IP20
Refrigerant gas*		Type	R410A	R410A	R410A
Global warming potential	GWP	kgCO2 eq.	2088	2088	2088
Refrigerant gas charge		kg	0,48	0,48	0,36
Maximum operating pressure		MPa	3,70	3,70	4,20
Power cable (N° pole x section mm²)			3 x 1,5	3 x 1,5	3 x 1,5

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 24°C
	Minimum temperature in cooling	DB 18°C
	Maximum temperature in heating	DB 27°C
	Minimum temperature in heating	-
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB -10°C
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C

(1) Test condition: data refers to regulation EN14511 - HEATING MODE: outdoor ambient temperature DB 7°C / WB 6°C; indoor ambient DB 20°C / WB 15°C
    COOLING MODE: outdoor ambient temperature DB 35°C / WB 24°C; indoor ambient DB 27°C / WB 19°C
(2): Data test declaration in semianechoic room at a distance of 2m, minimum sound pressure with ventilation only.
- By maintaining the same center to center distance of inlet and outlet holes and the possibility of installation with 162 mm diameter holes, models in the Unico Smart,
  Unico Inverter and Unico Act range may easily substitute previously installed Unico Star and Unico Sky models.
* hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

UNICO® SMART

Up to **2,7 kW capacity**. Designed for the air-conditioning of **large spaces**.

UNICO SMART 10 SF	Cod. 01491
UNICO SMART 10 HP	Cod. 01492
UNICO SMART 12 SF	Cod. 01493
UNICO SMART 12 HP	Cod. 01494

Design by King e Miranda

FEATURES

Two capacity versions: 2,3 kW - 2,7 kW
Available in versions: SF (Cooling only) - HP (Heat Pump)
Double class **A**
Refrigerant gas R410A*
Installation versatility: top or bottom wall
Easy installation: Unico can be installed from the inside in a few minutes
Wireless wall control (Optional)
Multifunction remote control
24 hour Timer

FUNCTIONS

Fan only mode
Dehumidification only mode
Auto mode: changes parameters depending on ambient temperature.
Sleep mode: gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

HEAT PUMP

Heat pump air conditioner. Thanks to this feature you can replace traditional heating in intermediate seasons or support it. (only in HP version)
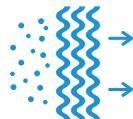
PURE SYSTEM 2

A multi filtering system that combines an electrostatic filter(which eliminates small particles such as smoke, dust, pollen and pet hair, helping to prevent allergic reactions) with an activated carbon filter (which eliminates bad odors and inactivates any harmful gas).

SUPER COLD

In version number 12 Unico Smart's cooling capacity can reach up to 2.7 kW.
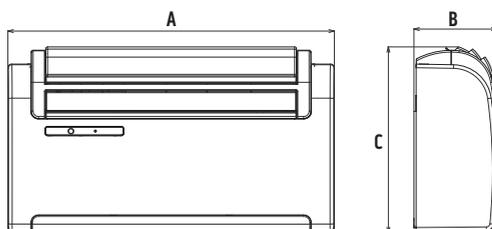
	UNICO SMART			
	A	B	C	Weight kg
mm	902	230	516	40
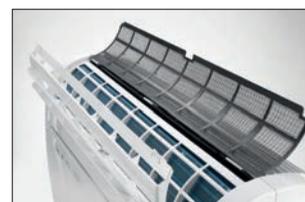
* Hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

			UNICO SMART 10 SF	UNICO SMART 10 HP	UNICO SMART 12 SF	UNICO SMART 12 HP
Product code			01491	01492	01493	01494
Cooling power (min/max)		kW	-	-	-	-
Heating power (min/max)		kW	-	-	-	-
Nominal cooling capacity (1)	P rated	kW	❄ 2,3	❄ 2,3	❄ 2,7	❄ 2,7
Nominal heating capacity (1)	P rated	kW	-	☀ 2,3	-	☀ 2,5
Nominal power consumption for cooling (1)	PEER	kW	0,9	0,9	1,0	1,0
Nominal absorption for cooling (1)		A	3,7	3,7	4,3	4,3
Nominal power consumption for heating (1)	PCOP	kW	-	0,7	-	0,8
Nominal absorption for heating (1)		A	-	3,0	-	3,3
Nominal energy efficiency index (1)	EERd		2,6	2,6	2,6	2,6
Nominal efficiency coefficient (1)	COPd		-	3,1	-	3,1
Energy efficiency class in cooling (1)			A	A	A	A
Energy efficiency class in heating (1)			-	A	-	A
Energy consumption in "thermostat off" mode	PTO		14,0	14,0	14,0	14,0
Energy consumption in "standby" mode (EN 62301)	PSB		0,5	0,5	0,5	0,5
Energy consumption for double pipe appliances (1) cooling	QDD	kWh/h	0,9	0,9	1,0	1,0
Energy consumption for double pipe appliances (1) heating	QDD	kWh/h	-	0,7	-	0,80
Supply voltage		V-F-Hz	230-1-50	230-1-50	230-1-50	230-1-50
Supply voltage minimum/maximum		V	198 / 264	198 / 264	198 / 264	198 / 264
Maximum power consumption in cooling mode (1)		kW	-	-	-	-
Maximum absorption in cooling mode (1)		A	-	-	-	-
Maximum power consumption in heating mode (1)		kW	-	-	-	-
Maximum absorption in heating mode (1)		A	-	-	-	-
Maximum power consumption with electric resistance heating		kW	-	-	-	-
Maximum absorption with electric resistance heating		A	-	-	-	-
Dehumidification capacity		l/h	0,9	1,1	0,9	1,1
Air flow rate in cooling environment (max/med/min)		m³/h	490 / 430 / 360	490 / 430 / 360	490 / 430 / 360	490 / 430 / 360
Air flow rate in heating environment (max/med/min)		m³/h	-	410 / 350 / 270	-	450 / 400 / 330
Air flow rate with electric resistance heating environment		m³/h	-	-	-	-
External air flow rate in cooling (max/min)		m³/h	520 / 350	520 / 350	520 / 350	500 / 340
External air flow rate in heating (max/min)		m³/h	-	520 / 350	-	500 / 340
Internal ventilation speed			3	3	3	3
External ventilation speed			3	3	3	3
Diameter wall holes		mm	162 / 202	162 / 202	162 / 202	162 / 202
Electric resistance heating			-	-	-	-
Maximum range remote control (distance / angle)		m / °	8 / ±80°	8 / ±80°	8 / ±80°	8 / ±80°
Dimensions (Larg. x Alt. x Prof.) (without packaging)		mm	902 x 516 x 229	902 x 516 x 229	902 x 516 x 229	902 x 516 x 229
Dimensions (Larg. x Alt. x Prof.) (with packaging)		mm	980 x 610 x 350	980 x 610 x 350	980 x 610 x 350	980 x 610 x 350
Weight (without packaging)		Kg	40	40	40	40
Weight (with packaging)		Kg	44	44	44	44
Internal sound pressure (Min Max) (2)		dB(A)	🔊 33-41	🔊 33-41	🔊 33-42	🔊 33-42
Internal sound power level (EN 12102)	LWA	dB(A)	56	56	57	57
Degree of protection provided by covers			IP 20	IP 20	IP 20	IP 20
Refrigerant gas*		Type	R410A	R410A	R410A	R410A
Global warming potential	GWP	kgCO2 eq.	2088	2088	2088	2088
Refrigerant gas charge		kg	0,48	0,54	0,65	0,55
Maximum operating pressure		MPa	3,6	3,6	3,6	3,6
Power cable (N° pole x section mm²)			3 x 1,5	3 x 1,5	3 x 1,5	3 x 1,5

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 24°C
	Minimum temperature in cooling	DB 18°C
	Maximum temperature in heating	DB 27°C
	Minimum temperature in heating	-
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB -10°C
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C

(1) Test condition: data refers to regulation EN14511 - HEATING MODE: outdoor ambient temperature DB 7°C / WB 6°C; indoor ambient DB 20°C / WB 15°C
    COOLING MODE: outdoor ambient temperature DB 35°C / WB 24°C; indoor ambient DB 27°C / WB 19°C
(2): Data test declaration in semianechoic room at a distance of 2m, minimum sound pressure with ventilation only.
- By maintaining the same center to center distance of inlet and outlet holes and the possibility of installation with 162 mm diameter holes, models in the Unico Smart,
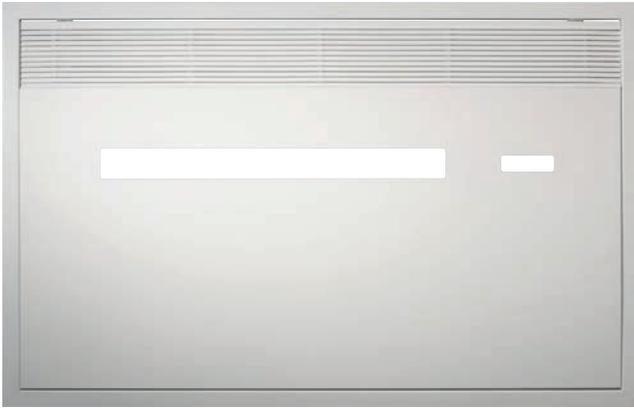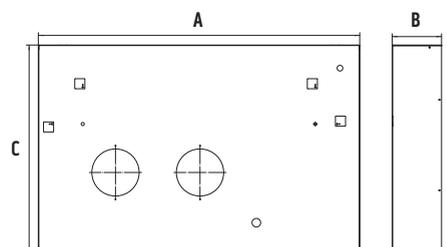 Unico Inverter and Unico Act range may easily substitute previously installed Unico Star and Unico Sky models.
* hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

UNICO® inverter

The first air-conditioner without outdoor unit
with **inverter technology**.

UNICO INVERTER 9 SF	Cod. 01068
UNICO INVERTER 9 HP	Cod. 01060
UNICO INVERTER 12 SF	Cod. 01067
UNICO INVERTER 12 HP	Cod. 01052
UNICO INVERTER 13 A+ HP	Cod. 01716

Design by King e Miranda

FEATURES

Two capacity versions Max: 2,16 kW and 2,75 kW
Available in versions: SF (Cooling only) - HP (Heat Pump)
Double class **A**
Refrigerant gas R410A*
Installation versatility: top or bottom wall
Easy installation: Unico can be installed from the inside in a few minutes
Wireless wall control (Optional)
Large flap for homogeneous air diffusion in the room
Multifunction remote control
24 hour Timer

FUNCTIONS

€ **Economy mode:** allows energy saving by automatically optimizing the machine's performance
Fan only mode
Dehumidification only mode
Auto mode: changes parameters depending on ambient temperature.
Sleep mode: gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

INVERTER SYSTEM

Thanks to inverter technology, Unico saves up to 30% of energy as compared with motors with traditional technology.
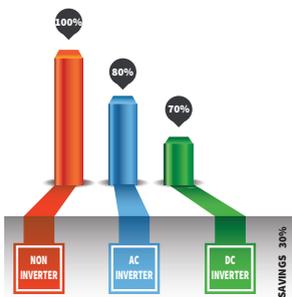
100%
80%
70%

NON INVERTER	AC INVERTER	DC INVERTER	SAVINGS 30%

HEAT PUMP

Heat pump air conditioner. Thanks to this feature you can replace traditional heating in intermediate seasons or support it.
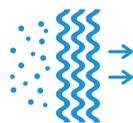
PURE SYSTEM 2

A multi filtering system that combines an electrostatic filter(which eliminates small particles such as smoke, dust, pollen and pet hair, helping to prevent allergic reactions) with an activated carbon filter (which eliminates bad odors and inactivates any harmful gas).

DUAL INVERTER MODE (D.I.M.)

The DIM technological heart is located in an innovative control algorithm to optimize the efficiency when the unit works at 70% of its ambient thermal demand The algorithm allows to satisfy the real thermal demand on the 70% of the total working hours with a reduced consumption of 25% of our traditional UNICO INVERTER.**

Cooling Nominal capacity
hours 14.00
THERMAL LOAD (kW)
A⁺ A⁺
hours 10.00 DAY TIME hours 18.00

A **B** **C**
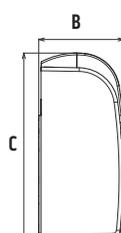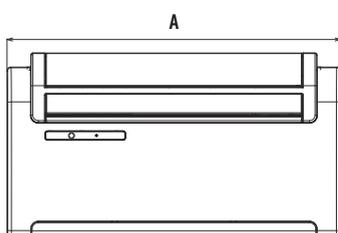
	UNICO INVERTER			
	A	B	C	Weight kg
mm	902	230	506	39
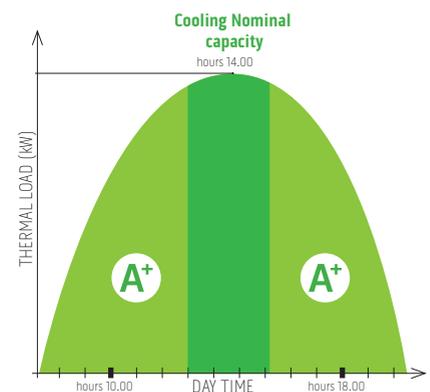
* Hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088
** Internal laboratory tests on traditional Olimpia Splendid range

OLIMPIA SPLENDID
HOME OF COMFORT

			UNICO INVERTER 9 SF	UNICO INVERTER 9 HP	UNICO INVERTER 12 SF	UNICO INVERTER 12 HP	UNICO INVERTER 13 A+ HP
			OUT OF STOCK	OUT OF STOCK			OUT OF STOCK
Product code			01068	01060	01067	01052	01716
Cooling power (min/max)		kW	1,4 / **2,75**	1,4 / **2,75**	1,8 / **3,25**	1,8 / **3,25**	1,8 / **3,15**
Heating power (min/max)		kW	-	1,4 / **2,9**	-	1,8 / **3,25**	1,8 / **3,05**
Nominal cooling capacity (1)	P rated	kW	❄ 2,3	❄ 2,3	❄ 2,7	❄ 2,7	❄ 2,0
Nominal heating capacity (1)	P rated	kW	-	☀ 2,4	-	☀ 2,7	☀ 2,7
Nominal power consumption for cooling (1)	PEER	kW	0,9	0,9	1,0	1,0	0,6
Nominal absorption for cooling (1)		A	3,9	3,9	4,6	4,6	2,8
Nominal power consumption for heating (1)	PCOP	kW	-	0,8	-	0,8	0,8
Nominal absorption for heating (1)		A	-	3,4	-	3,8	3,8
Nominal energy efficiency index (1)	EERd		2,7	2,7	2,7	2,7	3,1
Nominal efficiency coefficient (1)	COPd		-	3,2	-	3,2	3,2
Energy efficiency class in cooling (1)			A	A	A	A	A+
Energy efficiency class in heating (1)			-	A	-	A	A
Energy consumption in "thermostat off" mode	PTO		12,0	12,0	12,0	12,0	12
Energy consumption in "standby" mode (EN 62301)	PSB		0,5	0,5	0,5	0,5	0,5
Energy consumption for double pipe appliances (1) cooling	QDD	kWh/h	0,9	0,9	1,0	1,0	0,9
Energy consumption for double pipe appliances (1) heating	QDD	kWh/h	-	0,8	-	0,8	0,8
Supply voltage		V-F-Hz	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50
Supply voltage minimum/maximum		V	198 / 264	198 / 264	198 / 264	198 / 264	198 / 264
Maximum power consumption in cooling mode (1)		kW	0,46-1,30	0,46-1,30	0,58-1,40	0,58-1,40	
Maximum absorption in cooling mode (1)		A	2,1-5,8	2,1-5,8	2,7-6,4	2,7-6,4	2,4-6,1
Maximum power consumption in heating mode (1)		kW	-	0,42-1,2	-	0,53-1,30	0,53-1,30
Maximum absorption in heating mode (1)		A	-	1,9-5,3	-	2,4-5,9	2,4-5,9
Maximum power consumption with electric resistance heating		kW	-	-	-	-	-
Maximum absorption with electric resistance heating		A	-	-	-	-	-
Dehumidification capacity		l/h	1,0	1,0	1,1	1,1	1,1
Air flow rate in cooling environment (max/med/min)		m³/h	490 / 430 / 360	490 / 430 / 360	490 / 430 / 360	490 / 430 / 360	490 / 430 / 360
Air flow rate in heating environment (max/med/min)		m³/h	-	490 / 430 / 360	-	490 / 430 / 360	490 / 430 / 360
Air flow rate with electric resistance heating environment		m³/h	-	-	-	-	-
External air flow rate in cooling (max/min)		m³/h	520/350	520/350	520/350	500/340	500/340
External air flow rate in heating (max/min)		m³/h	-	520 / 350	-	500 / 340	500/340
Internal ventilation speed			3	3	3	3	3
External ventilation speed			6	6	6	6	1
Diameter wall holes		mm	202*	202*	202*	202*	202
Electric resistance heating			-	-	-	-	-
Maximum range remote control (distance / angle)		m / °	8 / ±80°	8 / ±80°	8 / ±80°	8 / ±80°	8 / ±80°
Dimensions (Larg. x Alt. x Prof.) (without packaging)		mm	902 x 506 x 229	902 x 506 x 229	902 x 506 x 229	902 x 506 x 229	902 x 506 x 229
Dimensions (Larg. x Alt. x Prof.) (with packaging)		mm	980 x 610 x 350	980 x 610 x 350	980 x 610 x 350	980 x 610 x 350	980 x 610 x 350
Weight (without packaging)		Kg	39	39	39	40	39
Weight (with packaging)		Kg	43	43	43	43	42
Internal sound pressure (Min Max) (2)		dB(A)	🔊 33-42	🔊 33-42	🔊 33-43	🔊 33-43	🔊 33-43
Internal sound power level (EN 12102)	LWA	dB(A)	57	57	58	58	58
Degree of protection provided by covers			IP 20	IP 20	IP 20	IP 20	IP 20
Refrigerant gas*		Type	R410A	R410A	R410A	R410A	R410A
Global warming potential	GWP	kgCO2 eq.	2088	2088	2088	2088	2088
Refrigerant gas charge		kg	0,57	0,57	0,57	0,58	0,50
Maximum operating pressure		MPa	3,6	3,6	3,6	3,6	3,6
Power cable (N° pole x section mm²)			3 x 1,5	3 x 1,5	3 x 1,5	3 x 1,5	3 x 1,5

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 24°C
	Minimum temperature in cooling	DB 18°C
	Maximum temperature in heating	DB 27°C
	Minimum temperature in heating	-
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB -10°C
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C

(1) Test condition: data refers to regulation EN14511 - HEATING MODE: outdoor ambient temperature DB 7°C / WB 6°C; indoor ambient DB 20°C / WB 15°C
COOLING MODE: outdoor ambient temperature DB 35°C / WB 24°C; indoor ambient DB 27°C / WB 19°C
(2): Data test declaration in semianechoic room at a distance of 2m, minimum sound pressure with ventilation only.
- By maintaining the same center to center distance of inlet and outlet holes and the possibility of installation with 162 mm diameter holes, models in the Unico Smart, Unico Inverter and Unico Act range may easily substitute previously installed Unico Star and Unico Sky models.
* hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

UNICO® PRO inverter 12 HP A+

The most efficient ever air conditioner without **external unit.**

UNICO PRO INVERTER 12 HP A+   Cod. 01866

Design by Matteo Thun & Antonio Rodriguez

CLOUD

Wi Fi Ready

Bluetooth

Two methods of connection and all the security of the cloud by Olimpia Splendid

FEATURES

Max capacity: 3,4 kW
Available in versions: HP (Heat Pump)
Class **A+**
Refrigerant gas R410A*
Installation versatility: top or bottom wall
Easy installation: Unico can be installed from the inside in a few minutes
Wireless wall control (Optional)
Large flap for homogeneous air diffusion in the room
Backlight display with on-board touch controls
Multifunctional remote control with LCD STANDARD display
24 hour Timer

FUNCTIONS

€ **Economy mode:** allows energy saving by automatically optimizing the machine's performance
Fan only mode
Dehumidification only mode
Auto mode: changes parameters depending on ambient temperature.
Sleep mode: gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.
Silent Mode: New function to set the machine at minimum noise level.

NEW INVERTER PRO
Olimpia Splendid

Powerful, versatile and efficient thanks to a wide range of frequencies available and electronic management of the expansion valve

SILENT MODE

All the silence you want using the "silent mode" function. A true "orchestra conductor" who skilfully conducts or co-ordinates the inverter compressor (INVERTER PRO) and the ventilated sections (V PRO) for maximum acoustic comfort up to - 10dB(A)**. All of this enclosed in a beautiful body and lined with state-of-the-art sound-absorbing material.

FULL INVERTER DC FAN

All of the fans are inverter DC and use a new surface design (V PRO). They are designed to guarantee reduced consumption and silence in all conditions of use.

HEAT PUMP

Heat pump air conditioner. Thanks to this feature you can replace traditional heating in intermediate seasons or support it.

A+

HIGH EFFICIENCY TECHNOLOGY

Class A+ in cooling.

DESIGNED AND MADE IN ITALY

Designed by Matteo Thun & Antonio Rodriguez to perfectly fit every domestic environment.

REMOTE CONTROL

"Full digital" remote control, thanks to which functions such as "dehumidification", "silent mode", "sleep" and "ventilation only" can be activated.

A

B

C
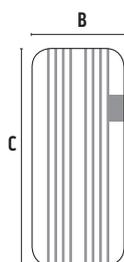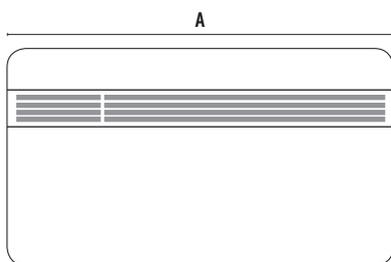
UNICO PRO INVERTER 12 HP A+			
	A	B	C	Weight kg
mm	903	215	520	39

* Hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088
**Sound power

OLIMPIA SPLENDID
HOME OF COMFORT

			UNICO PRO INVERTER 12HP A+
Product code			01866
Cooling power (min/max)		kW	1,7 / **3,4**
Heating power (min/max)		kW	1,5 / **3,0**
Nominal cooling capacity (1)	P rated	kW	❄ 2,2
Nominal heating capacity (1)	P rated	kW	☀ 2,4
Nominal power consumption for cooling (1)	PEER	kW	0,7
Nominal absorption for cooling (1)		A	3,1
Nominal power consumption for heating (1)	PCOP	kW	0,8
Nominal absorption for heating (1)		A	3,4
Nominal energy efficiency index (1)	EERd		3,1
Nominal efficiency coefficient (1)	COPd		3,1
Energy efficiency class in cooling (1)			A+
Energy efficiency class in heating (1)			A
Energy consumption in "thermostat off" mode	PTO		22
Energy consumption in "standby" mode (EN 62301)	PSB		0,5
Energy consumption for double pipe appliances (1) cooling	QDD	kWh/h	0,7
Energy consumption for double pipe appliances (1) heating	QDD	kWh/h	0,8
Silent mode cooling capacity		kW	1,7
Silent mode heating capacity		kW	1,5
Supply voltage		V-F-Hz	230-1-50
Supply voltage minimum/maximum		V	198 / 264
Maximum power consumption in cooling mode (1)		kW	0,8-1,7
Maximum absorption in cooling mode (1)		A	3,5-7,5
Maximum power consumption in heating mode (1)		kW	0,8-1,7
Maximum absorption in heating mode (1)		A	3,1-6,2
Maximum power consumption with electric resistance heating		kW	-
Maximum absorption with electric resistance heating		A	-
Dehumidification capacity		l/h	1,3
Air flow rate in cooling environment (max/med/min)		m³/h	490 / 390 / 350
Air flow rate in heating environment (max/med/min)		m³/h	490 / 390 / 350
Air flow rate with electric resistance heating environment		m³/h	-
External air flow rate in cooling (max/min)		m³/h	600 / 120
External air flow rate in heating (max/min)		m³/h	600 / 120
Internal ventilation speed			3
External ventilation speed			6
Diameter wall holes		mm	162 / 202
Electric resistance heating			-
Maximum range remote control (distance / angle)		m / °	8 / ±80°
Dimensions (Larg. x Alt. x Prof.) (without packaging)		mm	903 x 520 x 215
Dimensions (Larg. x Alt. x Prof.) (with packaging)		mm	980 x 610 x 330
Weight (without packaging)		Kg	39
Weight (with packaging)		Kg	42
Internal sound pressure (Min Max) (2)		dB(A)	32-43
Internal sound power level (EN 12102)	LWA	dB(A)	57
Silent Mode sound pressure level		dB(A)	34
Silent Mode sound power level	LWA	dB(A)	49
Degree of protection provided by covers			IP20
Refrigerant gas*		Type	R410A
Global warming potential	GWP	kgCO2 eq.	2088
Refrigerant gas charge		kg	0,58
Maximum operating pressure		MPa	4,20
Power cable (N° pole x section mm²)			3 x 1,5

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 24°C
	Minimum temperature in cooling	DB 18°C
	Maximum temperature in heating	DB 27°C
	Minimum temperature in heating	-
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB -10°C
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C

(1) Test condition: data refers to regulation EN14511 - HEATING MODE: outdoor ambient temperature DB 7°C / WB 6°C; indoor ambient DB 20°C / WB 15°C
COOLING MODE: outdoor ambient temperature DB 35°C / WB 24°C; indoor ambient DB 27°C / WB 19°C
(2): Data test declaration in semianechoic room at a distance of 2m, minimum sound pressure with ventilation only.
- By maintaining the same center to center distance of inlet and outlet holes and the possibility of installation with 162 mm diameter holes, models in the Unico Smart, Unico Inverter and Unico Act range may easily substitute previously installed Unico Star and Unico Sky models.
* hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

UNICO® PRO inverter 14 HP

The most powerful ever air conditioner without **external unit.**

UNICO PRO INVERTER 14 HP   Cod. 01868

Design by Matteo Thun & Antonio Rodriguez

CLOUD

Wi Fi Ready

Bluetooth

Two methods of connection and all the security of the cloud by Olimpia Splendid

FEATURES

Capacity: up to 3,5 kW
Available in versions: HP (Heat Pump)
Class **A**
Refrigerant gas R410A*
Installation versatility: top or bottom wall
Easy installation: Unico can be installed from the inside in a few minutes
Wireless wall control (Optional)
Large flap for homogeneous air diffusion in the room
Backlight display with on-board touch controls
Multifunctional remote control with LCD STANDARD display
24 hour Timer

FUNCTIONS

€ **Economy mode:** allows energy saving by automatically optimizing the machine's performance

Fan only mode

Dehumidification only mode

Auto mode: changes parameters depending on ambient temperature.

Sleep mode: gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

Silent Mode: New function to set the machine at minimum noise level.

NEW INVERTER PRO
Olimpia Splendid
Powerful, versatile and efficient thanks to a wide range of frequencies available and electronic management of the expansion valve

HEAT PUMP
Heat pump air conditioner. Thanks to this feature you can replace traditional heating in intermediate seasons or support it.

SILENT MODE
All the silence you want using the "silent mode" function. A true "orchestra conductor" who skilfully conducts or co-ordinates the inverter compressor (INVERTER PRO) and the ventilated sections (V PRO) for maximum acoustic comfort up to - 10dB(A)**. All of this enclosed in a beautiful body and lined with state-of-the-art sound-absorbing material.

PRO POWER
Super cooling power up to 3,5 kW.

FULL INVERTER DC FAN
All of the fans are inverter DC and use a new surface design (V PRO). They are designed to guarantee reduced consumption and silence in all conditions of use.

DESIGNED AND MADE IN ITALY
Designed by Matteo Thun & Antonio Rodriguez to perfectly fit every domestic environment.

REMOTE CONTROL
"Full digital" remote control, thanks to which functions such as "dehumidification", "silent mode", "sleep" and "ventilation only" can be activated.

A			

B			

UNICO PRO INVERTER 14 HP			
	A	B	C	Weight kg
mm	903	215	520	39

* Hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088
**Sound power

OLIMPIA SPLENDID
HOME OF COMFORT

			UNICO PRO INVERTER 14HP
Product code			01868
Cooling power (min/max)		kW	1,7 / **3,5**
Heating power (min/max)		kW	1,5 / **3,15**
Nominal cooling capacity (1)	P rated	kW	❄ 2,9
Nominal heating capacity (1)	P rated	kW	☀ 2,6
Nominal power consumption for cooling (1)	PEER	kW	1,1
Nominal absorption for cooling (1)		A	4,9
Nominal power consumption for heating (1)	PCOP	kW	0,8
Nominal absorption for heating (1)		A	3,7
Nominal energy efficiency index (1)	EERd		2,6
Nominal efficiency coefficient (1)	COPd		3,1
Energy efficiency class in cooling (1)			A
Energy efficiency class in heating (1)			A
Energy consumption in "thermostat off" mode	PTO		22
Energy consumption in "standby" mode (EN 62301)	PSB		0,5
Energy consumption for double pipe appliances (1) cooling	QDD	kWh/h	1,1
Energy consumption for double pipe appliances (1) heating	QDD	kWh/h	0,8
Silent mode cooling capacity		kW	1,7
Silent mode heating capacity		kW	1,5
Supply voltage		V-F-Hz	230-1-50
Supply voltage minimum/maximum		V	198 / 264
Maximum power consumption in cooling mode (1)		kW	0,8-1,7
Maximum absorption in cooling mode (1)		A	3,5-7,5
Maximum power consumption in heating mode (1)		kW	0,7-1,4
Maximum absorption in heating mode (1)		A	3,1-6,2
Maximum power consumption with electric resistance heating		kW	-
Maximum absorption with electric resistance heating		A	-
Dehumidification capacity		l/h	1,4
Air flow rate in cooling environment (max/med/min)		m³/h	490 / 390 / 350
Air flow rate in heating environment (max/med/min)		m³/h	490 / 390 / 350
Air flow rate with electric resistance heating environment		m³/h	-
External air flow rate in cooling (max/min)		m³/h	600 / 120
External air flow rate in heating (max/min)		m³/h	600 / 120
Internal ventilation speed			3
External ventilation speed			6
Diameter wall holes		mm	162 / 202
Electric resistance heating			-
Maximum range remote control (distance / angle)		m / °	8 / ±80°
Dimensions (Larg. x Alt. x Prof.) (without packaging)		mm	903 x 520 x 215
Dimensions (Larg. x Alt. x Prof.) (with packaging)		mm	980 x 610 x 330
Weight (without packaging)		Kg	39
Weight (with packaging)		Kg	42
Internal sound pressure (Min Max) (2)		dB(A)	🔊 32-43
Internal sound power level (EN 12102)	LWA	dB(A)	59
Silent Mode sound pressure level		dB(A)	34
Silent Mode sound power level	LWA	dB(A)	49
Degree of protection provided by covers			IP20
Refrigerant gas*		Tipo-Type	R410A
Global warming potential	GWP	kgCO2 eq.	2088
Refrigerant gas charge		kg	0,58
Maximum operating pressure		MPa	4,20
Power cable (N° pole x section mm²)			3 x 1,5

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 24°C
	Minimum temperature in cooling	DB 18°C
	Maximum temperature in heating	DB 27°C
	Minimum temperature in heating	-
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB -10°C
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C

(1) Test condition: data refers to regulation EN14511 - HEATING MODE: outdoor ambient temperature DB 7°C / WB 6°C; indoor ambient DB 20°C / WB 15°C
   COOLING MODE: outdoor ambient temperature DB 35°C / WB 24°C; indoor ambient DB 27°C / WB 19°C
(2): Data test declaration in semianechoic room at a distance of 2m, minimum sound pressure with ventilation only.
- By maintaining the same center to center distance of inlet and outlet holes and the possibility of installation with 162 mm diameter holes, models in the Unico Smart, Unico Inverter and Unico Act range may easily substitute previously installed Unico Star and Unico Sky models.
* hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

UNICO® TOWER inverter 12 HP

The air conditioning **without outdoor unit** in only 470 mm of width and 185 mm deep

UNICO TOWER INVERTER 12 HP   Cod. 01924

Available from May

FEATURES

Capacity: up to 2,95 kW
Available in versions: HP (Heat Pump)
Class **A**
Refrigerant gas R410A*
Bottom installation
Easy installation: Unico can be installed from the inside in a few minutes
Wireless wall control (Optional)
Large flap for homogeneous air diffusion in the room
Backlight display with on-board touch controls
Multifunctional remote control with LCD STANDARD display
24 hour Timer

FUNCTIONS

€ **Economy mode:** allows energy saving by automatically optimizing the machine's performance

Fan only mode

Dehumidification only mode

Auto mode: changes parameters depending on ambient temperature.

Sleep mode: gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

Silent Mode: New function to set the machine at minimum noise level.

HEAT PUMP

Heat pump air conditioner. Thanks to this feature you can replace traditional heating in intermediate seasons or support it.

LARGE FLAP

Motorized superior Flap for homogeneus air diffusion.

DESIGNED AND MADE IN ITALY

Designed by Matteo Thun & Antonio Rodriguez to perfectly fit every domestic environment.

INVERTER SYSTEM by OLIMPIA SPLENDID

SILENT MODE

All the silence you want using the "silent mode" function.

REMOTE CONTROL

"Full digital" remote control, thanks to which functions such as "dehumidification", "silent mode", "sleep" and "ventilation only" can be activated.

A	B

C
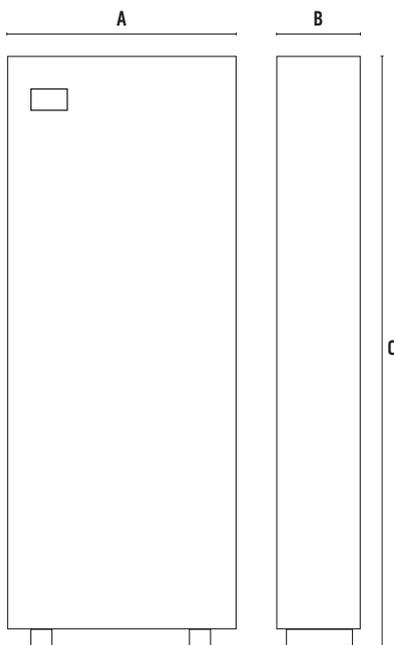
UNICO TOWER INVERTER 12 HP			
	A	B	C	Weight kg
mm	470	185	1390	-

			UNICO TOWER INVERTER 12 HP
Product code			01924
Cooling power (min/max)		kW	1,45 / **2,95**
Heating power (min/max)		kW	1,45 / **3,10**
Nominal cooling capacity (1)	P rated	kW	❄ 2,45
Nominal heating capacity (1)	P rated	kW	🔆 2,55
Nominal power consumption for cooling (1)	PEER	kW	0,9
Nominal absorption for cooling (1)		A	-
Nominal power consumption for heating (1)	PCOP	kW	0,8
Nominal absorption for heating (1)		A	-
Nominal energy efficiency index (1)	EERd		2,6
Nominal efficiency coefficient (1)	COPd		3,1
Energy efficiency class in cooling (1)			A
Energy efficiency class in heating (1)			A
Energy consumption in "thermostat off" mode	PTO		-
Energy consumption in "standby" mode (EN 62301)	PSB		-
Energy consumption for double pipe appliances (1) cooling	QDD	kWh/h	0,9
Energy consumption for double pipe appliances (1) heating	QDD	kWh/h	0,8
Silent mode cooling capacity		kW	1,35
Silent mode heating capacity		kW	1,40
Supply voltage		V-F-Hz	230-1-50
Supply voltage minimum/maximum		V	198 / 264
Maximum power consumption in cooling mode (1)		kW	-
Maximum absorption in cooling mode (1)		A	-
Maximum power consumption in heating mode (1)		kW	-
Maximum absorption in heating mode (1)		A	-
Maximum power consumption with electric resistance heating		kW	-
Maximum absorption with electric resistance heating		A	-
Dehumidification capacity		l/h	-
Air flow rate in cooling environment (max/med/min)		m³/h	260 / - / -
Air flow rate in heating environment (max/med/min)		m³/h	260 / - / -
Air flow rate with electric resistance heating environment		m³/h	-
External air flow rate in cooling (max/min)		m³/h	486 / -
External air flow rate in heating (max/min)		m³/h	486 / -
Internal ventilation speed			3
External ventilation speed			6
Diameter wall holes		mm	162
Electric resistance heating			-
Maximum range remote control (distance / angle)		m / °	8 / ±80°
Dimensions (Larg. x Alt. x Prof.) (without packaging)		mm	470 x 1390 x 185
Dimensions (Larg. x Alt. x Prof.) (with packaging)		mm	-
Weight (without packaging)		Kg	54
Weight (with packaging)		Kg	-
Internal sound pressure (Min Max) (2)		dB(A)	🔊 27-40
Internal sound power level (EN 12102)	LWA	dB(A)	57
Silent Mode sound pressure level			31
Silent Mode sound power level	LWA	dB(A)	44
Degree of protection provided by covers			IP20
Refrigerant gas*		Tipo	R410A
Global warming potential	GWP	kgCO2 eq.	2088
Refrigerant gas charge		kg	0,55
Maximum operating pressure		MPa	4,20
Power cable (N° pole x section mm²)			3 x 1,5

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 24°C
	Minimum temperature in cooling	DB 18°C
	Maximum temperature in heating	DB 27°C
	Minimum temperature in heating	-
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB -10°C
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C

(1) Test condition: data refers to regulation EN14511 - HEATING MODE: outdoor ambient temperature DB 7°C / WB 6°C; indoor ambient DB 20°C / WB 15°C
   COOLING MODE: outdoor ambient temperature DB 35°C / WB 24°C; indoor ambient DB 27°C / WB 19°C
(2): Data test declaration in semianechoic room at a distance of 2m, minimum sound pressure with ventilation only.
- By maintaining the same center to center distance of inlet and outlet holes and the possibility of installation with 162 mm diameter holes, models in the Unico Smart,
  Unico Inverter and Unico Act range may easily substitute previously installed Unico Star and Unico Sky models.
* hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

UNICO® twin

The system without outdoor unit to air condition two rooms at the same time. Two inside units, the traditional UNICO unit and the UNICO WALL unit, are connected by a refrigerating circuit.

Design by King e Miranda

PATENTED

FEATURES of the system

Independent or combined mode: if you choose simultaneous mode
the two units share the power available *
Available in versions: HP (Heat pump)
Duble class **A**
Refrigerant gas R410A**
Multifunction double remote control
24h Timer

MASTER features

Cooling capacity: 2.6 kW
HP mode capacity (heat pump): 2.5 kW
Installation versatility: top or bottom wall installation
Possible glass installation*
Easy installation: Unico Twin can be installed from the inside in a few minutes
Large flap for a homogeneous diffusion of the air in the environment

wall FEATURES

Cooling capacity: 2.5 kW
HP mode capacity (heat pump): 2.2 kW
Maximum silence: up to 25% quieter than the master unit

GOOD DESIGN

Unico Twin® is the winner of GOOD DESIGN AWARD 2013. Founded in Chicago in 1950, GOOD DESIGN is the oldest internationally recognized competition for design excellence.

FUNCTIONS

- **Fan only mode**
- **Dehumidification only mode**
- **Auto mode:** changes parameters depending on ambient temperature.
- **Sleep mode:** gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

TWIN TECHNOLOGY

Thanks to TWIN® technology double room conditioning is performed in total aesthetic integration with the building, with a considerable simplification of design. Twin® technology allows the use of the two units (Master unit and Wall unit) simultaneously or separately depending on requirements, both in heating and cooling mode.

HEAT PUMP

Heat pump air conditioner. Thanks to this feature you can replace traditional heating in intermediate seasons or support it.
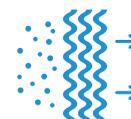
PURE SYSTEM 2

A multi filtering system that combines an electrostatic filter(which eliminates small particles such as smoke, dust, pollen and pet hair, helping to prevent allergic reactions) with an activated carbon filter (which eliminates bad odors and inactivates any harmful gas).

Installation note

By maintaining the same center to center distance of inlet and outlet holes, Unique Twin Master can easily substitute previously installed Unico models.

* During simultaneous operation the inside units are forced at minimum speed.
** Not ermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

			UNICO TWIN MASTER
Product code			01273
Nominal cooling capacity (1)	Pnom.	kW	❄ 2,6
Nominal heating capacity (1)	Pnom.	kW	☀ 2,5
Nominal power consumption for cooling (1)	PEER	kW	0,9
Nominal absorption for cooling (1)		A	4,3
Nominal power consumption for heating (1)	PCOP	kW	0,8
Nominal absorption for heating (1)		A	3,5
Nominal energy efficiency index (1)	EERd		2,7
Nominal efficiency coefficient (1)	COPd		3,1
Energy efficiency class in cooling (1)			A
Energy efficiency class in heating (1)			A
Energy consumption in "thermostat off" mode	PTO	W	14,0
Energy consumption in "standby" mode (EN 62301)	PSB	W	0,5
Energy consumption for double pipe appliances (1) cooling function	QDD	kWh/h	0,9
Energy consumption for double pipe appliances (1) heating function	QDD	kWh/h	0,8
Supply voltage		V-F-Hz	230-1-50
Supply voltage minimum/maximum		V	198 / 264
Maximum power consumption in cooling mode (1)		W	1200
Maximum absorption in cooling mode (1)		A	5,4
Maximum power consumption in heating mode (1)		W	1080
Maximum absorption in heating mode (1)		A	4,8
Dehumidification capacity		l/h	1,1
Air flow rate in cooling environment (max/med/min)		m³/h	490 / 430 / 360
Air flow rate in heating environment (max/med/min)		m³/h	450 / 400 / 330
External air flow rate in cooling (max/min)		m³/h	500 / 370 / 340
External air flow rate in heating (max/min)		m³/h	500 / 370 / 340
Internal ventilation speed			3
External ventilation speed			3
Diameter wall holes		mm	202*
Dimensions (Larg. x Alt. x Prof.) (without packaging)		mm	902 x 516 x 229
Weight (without packaging)		Kg	40,5
Internal sound power level (EN 12102)	LWA	dB(A)	57
Internal sound pressure (Min Max) (2)		dB(A)	🔊 33-42
Degree of protection provided by covers			IP 20
Refrigerant gas*		Type	R410A
Global warming potential	GWP	kgCO2 eq.	2088
Refrigerant gas charge		kg	0,85
Power cable (N° pole x section mm²)			3 x 1,5

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 24°C
	Minimum temperature in cooling	DB 18°C
	Maximum temperature in heating	DB 27°C
	Minimum temperature in heating	-
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB -10°C
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C

Performance and optimal operation are guaranteed with units operating alternately.
In simultaneous operation ambient air fan speed works at minimum speed. Performance is measured by gas piping at a length of 5 m.

(1) Test condition: data refers to regulation EN14511 - HEATING MODE: outdoor ambient temperature DB 7°C / WB 6°C; indoor ambient DB 20°C / WB 15°C
    COOLING MODE: outdoor ambient temperature DB 35°C / WB 24°C; indoor ambient DB 27°C / WB 19°C.
(2): Data test declaration in semianechoic room at a distance of 2m, minimum sound pressure with ventilation only.
- By maintaining the same center to center distance of inlet and outlet holes and the possibility of installation with 162 mm diameter holes, models in the Unico Smart, Unico Inverter and Unico Act range may easily substitute previously installed Unico Star and Unico Sky models.
* Not ermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

		UNICO TWIN WALL
Product code		01274
Nominal cooling capacity (1)	kW	❄ 2,5
Nominal heating capacity (1)	kW	☀ 2,2
Nominal power consumption for heating (1)	kW	0,9
Nominal absorption for cooling (1)	A	4,2
Nominal power consumption for heating (1)	kW	0,7
Nominal absorption for heating (1)	A	3,2
Maximum power consumption in cooling mode (1)	W	1200
Maximum absorption in cooling mode (1)	A	5,4
Maximum power consumption in heating mode (1)	W	1080
Maximum absorption in heating mode (1)	A	4,8
Dehumidification capacity	l/h	1,0
Air flow rate in cooling environment (max/med/min)	m³/h	450 / 400 / 340
Air flow rate in heating environment (max/med/min)	m³/h	450 / 400 / 340
Internal ventilation speed		3
Dimensions (Larg. x Alt. x Prof.) (without packaging)	mm	760 x 253 x 190
Weight (without packaging)	Kg	8
Internal sound power level (EN 12102)	dB(A)	53
Internal sound pressure (Min Max) (2)	dB(A)	🔊 25-38
Degree of protection provided by overs		IP X1
Power cable (N° pole x section mm²)		3 x 1
Connecting liquid pipeline diameter	inch - mm	1/4 - 6,35
Connecting gas pipeline diameter	inch - mm	3/8 - 9,52
Maximum piping length	m	10
Maximum height difference	m	5

Easy installation

1

MASTER UNIT
Thanks to the template included in the package, the MASTER unit is installed, completely from the inside and in a few minutes, with the two holes of 202 mm diameter in the first room to be air conditioned.

2
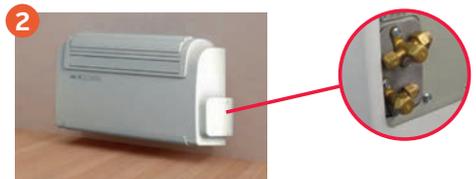
The MASTER unit is connected to the WALL unit, thanks to the gas connection on the right side of the unit. Maximum length refrigerant lines: 10 meters.

3

WALL UNIT
The WALL unit is installed on the wall of the second room to be air conditioned.

UNICO® **easy**

The **consolle** air-conditioner without outdoor unit.

UNICO EASY SF   Cod. 01056
UNICO EASY HP   Cod. 00981

Design by Dario Tanfoglio

FEATURES

Cooling capacity: 2.1 kW
Available in versions: SF (Cooling only) - HP (Heat Pump)
Double class **A**
Refrigerant gas R410A*
Easy installation: Unico can be installed from the inside in a few minutes
Removable remote control on machine
24 hour Timer

FUNCTIONS

- **Fan only mode**
- **Dehumidification only mode**
- **Auto mode:** changes parameters depending on ambient temperature.
- **Sleep mode:** gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

REDUCED **G**RIDS **Ø 16 CM**

SUPPORTING LEGS
Equipped with two supporting legs for a more stable positioning.

REMOTE CONTROL
Removable remote control for more practicality

HEAT PUMP
Heat pump air conditioner. Thanks to this feature you can replace traditional heating in intermediate seasons or support it.
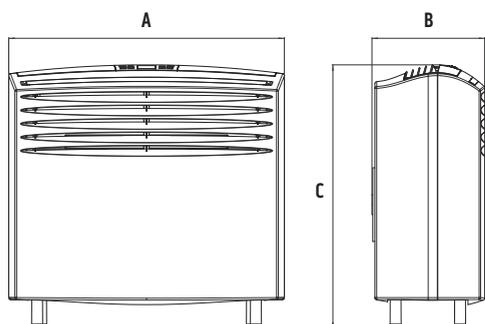
UNICO EASY			
	A	B	C	Weight kg
mm	693	284	665	43

* Hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

			UNICO EASY SF	UNICO EASY HP
Product code			01056	00981
Cooling power (min/max)		kW	-	-
Heating power (min/max)		kW	-	-
Nominal cooling capacity (1)	P rated	kW	❄ 2,1	❄ 2,0
Nominal heating capacity (1)	P rated	kW	-	☀ 2,0
Nominal power consumption for cooling (1)	PEER	kW	0,8	0,8
Nominal absorption for cooling (1)		A	3,50	3,40
Nominal power consumption for heating (1)	PCOP	kW	-	0,7
Nominal absorption for heating (1)		A	-	3,2
Nominal energy efficiency index (1)	EERd		2,6	2,6
Nominal efficiency coefficient (1)	COPd		-	2,8
Energy efficiency class in cooling (1)			A	A
Energy efficiency class in heating (1)			-	B
Energy consumption in "thermostat off" mode	PTO		26,0	26,0
Energy consumption in "standby" mode (EN 62301)	PSB		1,0	1,0
Energy consumption for double pipe appliances (1) cooling	QDD	kWh/h	0,8	0,8
Energy consumption for double pipe appliances (1) heating	QDD	kWh/h	-	0,7
Supply voltage		V-F-Hz	230-1-50	230-1-50
Supply voltage minimum/maximum		V	196 / 253	216 / 244
Maximum power consumption in cooling mode (1)		kW	0,88	1,0
Maximum absorption in cooling mode (1)		A	3,9	3,9
Maximum power consumption in heating mode (1)		kW	-	900
Maximum absorption in heating mode (1)		A	-	3,8
Maximum power consumption with electric resistance heating		kW	-	-
Maximum absorption with electric resistance heating		A	-	-
Dehumidification capacity		l/h	1,0	0,9
Air flow rate in cooling environment (max/med/min)		m³/h	328 / 300 / 274	310 / 280 / 250
Air flow rate in heating environment (max/med/min)		m³/h	-	310 / 280 / 250
Air flow rate with electric resistance heating environment		m³/h	-	-
External air flow rate in cooling (max/min)		m³/h	429 / 258	430 / 350 / 260
External air flow rate in heating (max/min)		m³/h	-	400 / 350 / 260
Internal ventilation speed			3	3
External ventilation speed			2	3
Diameter wall holes		mm	162	162
Electric resistance heating			-	-
Maximum range remote control (distance / angle)		m / °	8 / ±80°	8 / ±80°-
Dimensions (Larg. x Alt. x Prof.) (without packaging)		mm	693 x 666 x 276	693 x 666 x 276
Dimensions (Larg. x Alt. x Prof.) (with packaging)		mm	768 x 806 x 374	768 x 806 x 374
Weight (without packaging)		Kg	39	39
Weight (with packaging)		Kg	43	43
Internal sound pressure (Min Max) (2)		dB(A)	🔊 33-42	🔊 33-44
Internal sound power level (EN 12102)	LWA	dB(A)	57	59
Degree of protection provided by covers			IP 20	IP21
Refrigerant gas*		Type	R410A	R410A
Global warming potential	GWP	kgCO2 eq.	2088	2088
Refrigerant gas charge		kg	0,55	0,51
Maximum operating pressure		MPa	3,6	3,6
Power cable (N° pole x section mm²)			3 x 1,5	3 x 1,5

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 32°C
	Minimum temperature in cooling	DB 16°C
	Maximum temperature in heating	-
	Minimum temperature in heating	-
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB 18°C - WB 16°C
	Maximum temperature in heating	-
	Minimum temperature in heating	-

(1) Test condition: data refers to regulation EN14511 - HEATING MODE: outdoor ambient temperature DB 7°C / WB 6°C; indoor ambient DB 20°C / WB 15°C
   COOLING MODE: outdoor ambient temperature DB 35°C / WB 24°C; indoor ambient DB 27°C / WB 19°C
(2): Data test declaration in semianechoic room at a distance of 2m, minimum sound pressure with ventilation only.
- By maintaining the same center to center distance of inlet and outlet holes and the possibility of installation with 162 mm diameter holes, models in the Unico Smart, Unico Inverter and Unico Act range may easily substitute previously installed Unico Star and Unico Sky models.
* hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

UNICO® R

Designed for the **coldest climates**.

FEATURES

Two capacity versions: 2,3 kW - 2,7 kW
Available in versions: HP (Heat Pump)
Double class **A**
Refrigerant gas R410A *
Installation versatility: top or bottom wall
Easy installation: Unico can be installed from the inside in a few minutes
Wireless wall control (Optional)
Multifunction remote control
24 hour Timer

FUNCTIONS

- **Fan only mode**
- **Dehumidification only mode**
- **Auto mode:** changes parameters depending on ambient temperature.
- **Sleep mode:** gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

+2 KW BACKUP AUXILIARY
Suitable even for the coldest temperatures.

HEAT PUMP
When external ambient temperatures are below 2 ° C, only the fan and the electric heaters are activated for the heating mode. For temperatures over 2 ° C, heating is obtained by means of the heat pump. The management of either mode is completely automatic.
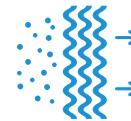
PURE SYSTEM 2
A multi filtering system that combines an electrostatic filter (which eliminates small particles such as smoke, dust, pollen and pet hair, helping to prevent allergic reactions) with an activated carbon filter (which eliminates bad odors and inactivates any harmful gas).

	UNICO R			
	A	B	C	Weight kg
mm	902	230	516	40

* Hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

OLIMPIA SPLENDID
HOME OF COMFORT
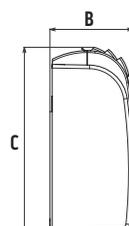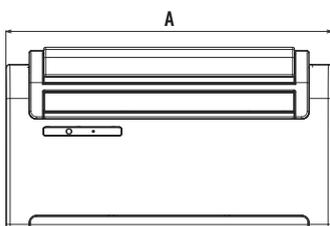
			UNICO R 10 HP	UNICO R 12 HP
Product code			01495	01496
Cooling power (min/max)		kW	-	-
Heating power (min/max)		kW	-	-
Nominal cooling capacity (1)	P rated	kW	❄ 2,3	❄ 2,7
Nominal heating capacity (1)	P rated	kW	☀ 2,3	☀ 2,5
Nominal power consumption for cooling (1)	PEER	kW	0,9	1,0
Nominal absorption for cooling (1)		A	3,70	4,30
Nominal power consumption for heating (1)	PCOP	kW	0,7	0,8
Nominal absorption for heating (1)		A	3,0	3,3
Nominal energy efficiency index (1)	EERd		2,6	2,6
Nominal efficiency coefficient (1)	COPd		3,1	3,1
Energy efficiency class in cooling (1)			A	A
Energy efficiency class in heating (1)			A	A
Energy consumption in "thermostat off" mode	PTO		14,0	14,0
Energy consumption in "standby" mode (EN 62301)	PSB		0,5	0,5
Energy consumption for double pipe appliances (1) cooling	QDD	kWh/h	0,9	1,0
Energy consumption for double pipe appliances (1) heating	QDD	kWh/h	0,7	0,8
Supply voltage		V-F-Hz	230-1-50	230-1-50
Supply voltage minimum/maximum		V	198 / 264	198 / 264
Maximum power consumption in cooling mode (1)		kW	0,9	1,1
Maximum absorption in cooling mode (1)		A	3,9	4,8
Maximum power consumption in heating mode (1)		kW	0,9	1,1
Maximum absorption in heating mode (1)		A	3,8	4,7
Maximum power consumption with electric resistance heating		kW	2,0	2,0
Maximum absorption with electric resistance heating		A	8,7	8,7
Dehumidification capacity		l/h	0,9	1,1
Air flow rate in cooling environment (max/med/min)		m³/h	490 / 430 / 360	490 / 430 / 360
Air flow rate in heating environment (max/med/min)		m³/h	410 / 350 / 270	490 / 400 / 330
Air flow rate with electric resistance heating environment		m³/h	-490	-490
External air flow rate in cooling (max/min)		m³/h	520 / 350	500 / 340
External air flow rate in heating (max/min)		m³/h	520 / 350	500 / 340
Internal ventilation speed			3	3
External ventilation speed			3	3
Diameter wall holes		mm	162/202	162/202
Electric resistance heating			2000	2000
Maximum range remote control (distance / angle)		m / °	8 / ±80°	8 / ±80°
Dimensions (Larg. x Alt. x Prof.) (without packaging)		mm	902 x 516 x 229	902 x 516 x 229
Dimensions (Larg. x Alt. x Prof.) (with packaging)		mm	980 x 610 x 350	980 x 610 x 350
Weight (without packaging)		Kg	40	40
Weight (with packaging)		Kg	44	44
Internal sound pressure (Min Max) (2)		dB(A)	🔊 33-41	🔊 33-42
Internal sound power level (EN 12102)	LWA	dB(A)	56	57
Degree of protection provided by covers			IP 20	IP 20
Refrigerant gas*		Type	R410A	R410A
Global warming potential	GWP	kgCO2 eq.	2088	2088
Refrigerant gas charge		kg	0,65	0,55
Maximum operating pressure		MPa	3,6	3,6
Power cable (N° pole x section mm²)			3 x 1,5	3 x 1,5

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 24°C
	Minimum temperature in cooling	DB 18°C
	Maximum temperature in heating	DB 27°C
	Minimum temperature in heating	-
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB -10°C
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C

(1) Test condition: data refers to regulation EN14511 - HEATING MODE: outdoor ambient temperature DB 7°C / WB 6°C; indoor ambient DB 20°C / WB 15°C
COOLING MODE: outdoor ambient temperature DB 35°C / WB 24°C; indoor ambient DB 27°C / WB 19°C
(2): Data test declaration in semianechoic room at a distance of 2m, minimum sound pressure with ventilation only.
- By maintaining the same center to center distance of inlet and outlet holes and the possibility of installation with 162 mm diameter holes, models in the Unico Smart, Unico Inverter and Unico Act range may easily substitute previously installed Unico Star and Unico Sky models.
** hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

# UNICO® **boiler**

MASTER   Cod. 01422
WALL   Cod. 599509A

The system without external unit which simultaneously air conditions and produces **domestic hot water**. Inside, two units are connected by a refrigerating circuit: the UNICO unit for air conditioning and the **high efficiency boiler** for DHW production.

Design by Olimpia Splendid

PATENTED
ALL RIGHTS RESERVED

FEATURES of the system

Duble class **A**
Refrigerant gas R410A*
Installation versatility: top or bottom wall installation;
Easy installation: Unico can be installed from the inside within a few minutes
Multifunction remote control
24 hour Timer

BOILER MASTER features

Cooling capacity: 2.6 kW
HP mode capacity (heat pump): 2.5 kW
Installation versatility: top or bottom wall installation
Easy installation: Unico Twin can be installed from the inside in a few minutes
Large flap for a homogeneous diffusion of the air in the environment

BOILER WALL features

Heating times: 1h49min (43 min in TURBO** mode)
Accumulation capacity: 50 l
Electrical power supply: 1,2 kW

FUNCTIONS

Fan only mode
Dehumidification only mode
Auto mode: changes parameters depending on ambient temperature.
Sleep mode: gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.
Cooling
Heating
Domestic Hot Water
Cooling + DHW
Heating + DHW

THE BOILER SYSTEM

HEATING + DHW

50°C   50°C

BOLLITORE ACS
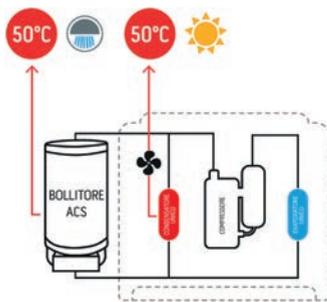
Heating + Domestic hot water with shared heating output

COOLING + TOTAL RECOVERY

BOLLITORE ACS
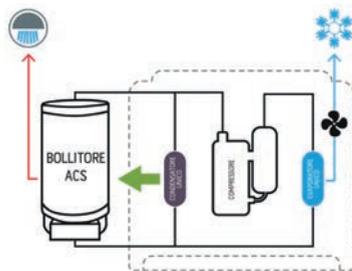
Cooling + Domestic hot water with energy recovery

In summer operation the heat extracted from indoor air is transferred to the boiler for free DHW production instead of being disposed externally.

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* Not ermetically sealed equipment containing fluorinated gas with GWP equivalent 2088
** With electrical resistance inserted

OLIMPIA SPLENDID

OLIMPIA SPLENDID
HOME OF COMFORT

			UNICO BOILER MASTER
Product code			01422
Nominal cooling capacity (1)	Pnom.	kW	❄ 2,6
Nominal heating capacity (1)	Pnom.	kW	☀ 2,5
Nominal power consumption for cooling (1)	PEER	kW	0,9
Nominal absorption for cooling (1)		A	4,3
Nominal power consumption for heating (1)	PCOP	kW	0,8
Nominal absorption for heating (1)		A	3,5
Nominal energy efficiency index (1)	EERd		2,7
Nominal efficiency coefficient (1)	COPd		3,1
Energy efficiency class in cooling (1)			A
Energy efficiency class in heating (1)			A
Energy consumption in "thermostat off" mode	PTO	W	14,0
Energy consumption in "standby" mode (EN 62301)	PSB	W	0,5
Energy consumption for double pipe appliances (1) cooling function	QDD	kWh/h	0,9
Energy consumption for double pipe appliances (1) heating function	QDD	kWh/h	0,8
Supply voltage		V-F-Hz	230-1-50
Supply voltage minimum/maximum		V	198 / 264
Maximum power consumption in cooling mode (1)		W	1200
Maximum absorption in cooling mode (1)		A	5,4
Maximum power consumption in heating mode (1)		W	1080
Maximum absorption in heating mode (1)		A	4,8
Dehumidification capacity		l/h	1,1
Air flow rate in cooling environment (max/med/min)		m³/h	490 / 430 / 360
Air flow rate in heating environment (max/med/min)		m³/h	450 / 400 / 330
External air flow rate in cooling (max/min)		m³/h	500 / 370 / 340
External air flow rate in heating (max/min)		m³/h	500 / 370 / 340
Internal ventilation speed			3
External ventilation speed			3
Diameter wall holes		mm	202*
Dimensions (Larg. x Alt. x Prof.) (without packaging)		mm	902 x 516 x 229
Weight (without packaging)		Kg	40,5
Internal sound power level (EN 12102)	LWA	dB(A)	57
Internal sound pressure (Min Max) (2)		dB(A)	🔊 33-42
Degree of protection provided by covers			IP 20
Refrigerant gas*		Type	R410A
Global warming potential	GWP	kgCO2 eq.	2088
Refrigerant gas charge		kg	0,85
Power cable (N° pole x section mm²)			3 x 1,5

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 24°C
	Minimum temperature in cooling	DB 18°C
	Maximum temperature in heating	DB 27°C
	Minimum temperature in heating	-
	Maximun temperature in SHW mode	Water 60°C HP/ 75°C E.H.
	Minimum temperature in SHW mode	10°C
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB -10°C
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C
	Maximun temperature in SHW mode	DB 43°C - WB 32°C
	Minimum temperature in SHW mode	DB -10°C

			UNICO BOILER WALL
Product code			599509A
Overall heating efficiency + DHW			◀ 2,3
Overall cooling efficiency + DHW			4,0
Heating time *		hh:mm	⏱ 01:49
Heating time BOOST mode **		hh:mm	⏱ 00:43
Electrical power supply		W	1200
Accumulation capacity		l	50
Dimensions		mm	400 x 416 x 760
Weight without water		kg	25
Insulation thickness		mm	30
Power cable (N° pole x section mm²)			3x1
Maximum distance master and boiler		m	10
Maximum height difference master and boiler		m	5
Electrical protection			IPX2
Diameter water connectors		"	1/2 GM
Diameter refrigerant connectors		"	3/8

*values obtained in accordance with regulation EN 16147 indoor air temperature 20°C, external air 7°C RH 85%,inlet water at 10°C and temperature set at 55°C

** with active electrical resistance

Performance and optimal operation are guaranteed with units operating alternately.
In simultaneous operation ambient air fan speed works at minimum speed. Performance is measured by gas piping at a length of 5 m.

(1) Test condition: data refers to regulation EN14511 - HEATING MODE: outdoor ambient temperature DB 7°C / WB 6°C; indoor ambient DB 20°C / WB 15°C
COOLING MODE: outdoor ambient temperature DB 35°C / WB 24°C; indoor ambient DB 27°C / WB 19°C
(2): Data test declaration in semianechoic room at a distance of 2m, minimum sound pressure with ventilation only.
- By maintaining the same center to center distance of inlet and outlet holes and the possibility of installation with 162 mm diameter holes, models in the Unico Smart, Unico Inverter and Unico Act range may easily substitute previously installed Unico Star and Unico Sky models.
* Not hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088

FIXED AIR CONDITIONERS

WI-FI SPLIT

KIT SPLIT WI-FI

Wi Fi Ready

KIT SPLIT WI-FI	
Code	B1016

Additional kit on USB dongle, compatible on the entire Nexya range (see compatibility table)

EASY INSTALLATION
First installation facilitated; just insert the USB dongle in the relative port under the front panel.

WI-FI EASY
Possibility of managing the terminals in Wi-Fi mode. The connection does not require configuration of the router.

REMOTE CONNECTION
Remote connection (away from home) via 3G or 4G smartphone network.

DOWNLOAD OUR APP

OLIMPIA SPLENDID SPLIT

The new Olimpia Splendid application to control and set your Nexya locally or in remote mode.
Available for Download on Apple Store and Google Play

Available on the iPhone
App Store

ANDROID APP ON
Google play

FEATURES

KIT SPLIT WIFI (B1016):
- Simple installation, no need for qualified staff

APP SPLIT WIFI:
- Available for iPhone, iPad, iPod with IOS 7.0 Operating System or later versions
- Available for Android smartphones with Android 4.0 Operating System or later versions
- Possibility of managing air conditioners via Wi-Fi
- Management of air conditions also when away from home
- All modes can be set: Heating, Cooling, Dehumidification, ventilation only, automatic
- "Special" functions can be set: Turbo, Vertical swing, Horizontal swing, Eco
- Environment temperature display
- Weekly timer with on time period, fixed mode and set points
- Available in Italian, English, French, Spanish, Portuguese and Greek

Special functions:
- Anti-freeze protection: if the environment temperature reaches 8°C, the air conditioner will activate
- Sleep setting: graphics for modification of the temperature set point for every time period over 24 hours
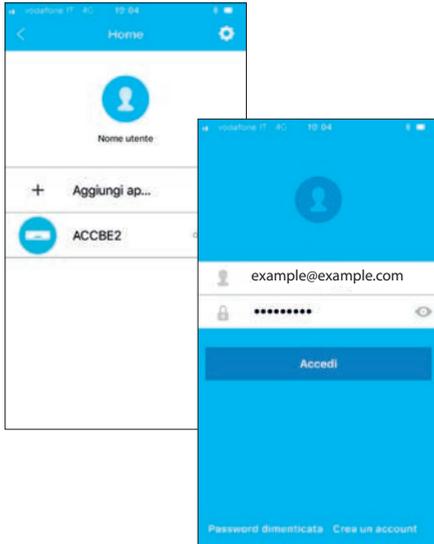
Air Conditioning
Function

Heating
Function

Timer
Function

MODELS COMPATIBILITY TABLE

	KIT SPLIT WI-FI
I.U. Nexya S4 E inverter 9	x
I.U. Nexya S4 E inverter 12	x
I.U. Nexya S4 E inverter 18	x
I.U. Nexya S4 E inverter 24	x
I.U. Alyas E inverter 9	x
I.U. Alyas E inverter 12	x
I.U. Nexya S4 E Duct 9	-
I.U. Nexya S4 E Duct 12	-
I.U. Nexya S4 Duct 18	-
I.U. Nexya S4 E Duct 18	-
I.U. Nexya S4 Duct 24	-
I.U. Nexya S4 E Duct 24	-

	KIT SPLIT WI-FI
I.U. Nexya S4 E Duct 36	-
I.U. Nexya S4 E Duct 48	-
Nexya S4 E Cassette Compact 12	-
Nexya S4 E Cassette Compact 18	-
Nexya S4 E Cassette 24	-
Nexya S4 E Cassette 36	-
Nexya S4 E Cassette 48	-
Nexya S4 E Ceiling 18	-
Nexya S4 E Ceiling 24	-
Nexya S4 E Ceiling 36	-
Nexya S4 E Ceiling 48	-

NEXYA® S4 E inverter

FUNCTIONS

- **Fan only mode**
- **Dehumidification only mode**
- **Auto mode:** changes parameters depending on ambient temperature.
- **Sleep mode:** gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

Wi Fi Ready

A⁺⁺

HIGH EFFICIENCY TECHNOLOGY
Class A++ in cooling
Class A+ in heating

HEAT PUMP
Heat pump air conditioner. Thanks to this feature you can replace traditional heating in intermediate seasons or support it.

OLIMPIA SPLENDID'S INVERTER SYSTEM

REMOTE CONTROL
With the remote control you can set the desired comfort at the desired time.

R32 GAS
New low environmental impact refrigerant GAS.

100%
80%
70%

NON INVERTER
AC INVERTER
DC INVERTER

SAVINGS 30%
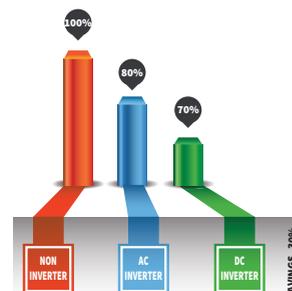
			NEXYA S4E INVERTER 9	NEXYA S4E INVERTER 12	NEXYA S4E INVERTER 18	NEXYA S4E INVERTER 24
			OS-C/SENEH09EI	OS-C/SENEH12EI	OS-C/SENEH18EI	OS-C/SENEH24EI
	Output power in cooling mode (1) (min / rated / max)	kW	0.91/2.64/3.11	1.11/3.52/4.16	1.82/5.28/6.13	2.08/7.03/7.95
	Output power in heating mode (2) (min / rated / max)	kW	0.82/2.93/3.37	1.08/3.37/4.22	1.38/5.57/6.74	1.61/7.33/8.79
	Absorbed power in cooling mode (1) (min / rated / max)	kW	0.1/0.710/1.240	0.13/1.237/1.580	0.14/1.921/2.360	0.16/2.345/2.96
	Absorbed power in heating mode (2) (min / rated / max)	kW	0.12/0.739/1.2	0.100/0.908/1.580	0.2/1.546/2.410	0.26/2.035/3.14
	Current consumption in cooling mode (1) (min / rated / max)	A	0.4/3.1/5.4	0.5/5.37/6.9	0.6/8.4/10.3	0.7/10.2/13.3
	Current consumption in heating mode (2) (min / rated / max)	A	0.5/3.2/5.2	0.4/4.10/6.9	0.9/6.7/10.5	1.1/10.2/13.3
	EER (1) (rated)		3,64	3,1	3,5	2,83
	COP (2) (rated)		3,77	3,8	3,8	3,72
	Energy efficiency class in cooling mode		A++	A++	A++	A++
	Energy efficiency class in heating mode INTERMEDIATE SEASON		A+	A+	A+	A+
	Energy efficiency class in heating mode WARMER SEASON		A++	A++	A+++	A+++
	Annual energy consumption in cooling mode	kWh/year	153	204	261	412
	Annual energy consumption in heating mode INTERMEDIATE SEASON	kWh/year	762	841	1444	1697
	Annual energy consumption in heating mode WARMER SEASON	kWh/year	758	837	1207	1784
	Absorbed power in cooling mode	W	2150	2150	2950	3850
	Absorbed power in heating mode	W	2150	2150	2950	3850
Design load (EN 14825)	Cooling	Pdesignc kW	2,9	3,7	5,3	7,2
	Heating / Average	Pdesignh kW	2,2	2,4	4,2	4,9
	Heating / Warmer	Pdesignh kW	2,7	2,7	4,5	6,4
	Heating / Colder	Pdesignh kW	-	-	-	-
Seasonal efficiency (En 14825)	Cooling	SEER	6,5	6,4	7,1	6,1
	Heating / Average	SCOP (A)	4,0	4,0	4,1	4,0
	Heating / Warmer	SCOP (W)	4,9	4,6	5,3	5,1
	Heating / Colder	SCOP (C)	3,2	-	-	-
INDOOR UNIT	Sound power (EN 12102)	LWA dB(A)	53	53	55	59
	Sound Pressure (min / rated / max speed)	dB(A)	40/30/26/21	40/34/26/22	44/37/30/25	44,5/42/34,5/28
	Air flow rate in cooling mode (max/med/min)	m³/h	520/460/340	600/500/360	840/680/540	980/817/662
	Air flow rate in heating mode (max/med/min)	m³/h	520/460/340	600/500/360	840/680/540	980/817/662
	Ventilation speed	giri/min	1030 / 850 / 700	1130 / 950 / 750	1130 / 900 / 800	1150 / 1000 / 850
	Degree of protection		IPX0	IPX0	IPX0	IPX0
	Dimensions (Width x H x Depth)	mm	805x285x194	805x285x194	957x302x213	1040x327x220
	Weight (without packaging)	Kg	7,5	7,5	10	12,3
OUTDOOR UNIT	Sound power (EN 12102)	LWA dB(A)	61	65	61	67
	Sound Pressure	dB(A)	55,5	58	55,5	59,5
	Air flow rate (max)	m³/h	1700	1700	2000	3000
	Ventilation speed		3	3	3	3
	Degree of protection		IP24	IP24	IP24	IP24
	Dimensions (Width x H x Depth)	mm	700x550x270	700x550x270	800x554x333	845x702x363
	Weight (without packaging)	Kg	22,7	22,8	34	51,5
	Dehumidification rate	l/h	1,0	1,0	1	1
	Diameter of tube in liquid connection line	inch - mm	1/4" - 6,35	1/4" - 6,35	1/4" - 6,35	3/8" - 9,52
	Diameter of tube in gas connection line	inch - mm	3/8" - 9,52	3/8" - 9,52	1/2" - 12,7	5/8" - 15,9
	Maximum pipe length	m	25	25	30	50
	Maximum difference in level	m	10	10	20	25
	Maximum operating pressure	MPa	4,3/1,7	4,3/1,7	4,6/1,7	4,3/1,7
	Refrigerant gas*	Tipo-Type	R-32	R-32	R-32	R-32
	Global warming potential	GWP kgCO2 eq.	675	675	675	675
	Refrigerant gas charge	Kg	0,50	0,50	1,0	1,6

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling		DB 32°C - WB 26°C	
	Minimum temperature in cooling		DB 17°C	
	Maximum temperature in heating		DB 27°C	
	Minimum temperature in heating		DB 17°C	
Outdoor Ambient Temperature	Maximum temperature in cooling		DB 43°C - WB 32°C	
	Minimum temperature in cooling		DB -15°C	
	Maximum temperature in heating		DB 24°C - WB 18°C	
	Minimum temperature in heating		DB -15°C	

(1) Test condition: data refers to regulation EN14511
Data declarated according to the UE Delegate Regulation 626/2011
(2) EER/COP in agreement with the regulation (EN-14511), declared only for the purpose of the tax deductions in effect at the time of this publication.
* hermetically sealed equipment containing fluorinated gas

NEXYA® Commercial

Climatizzatori inverter ad alta efficienza energetica.

Duct

Cassette

Ceiling

FEATURES

Combinations
Combination and installation flexibility:
Duct, Cassette and Ceiling

Remote ON-OFF
All commercial line units have terminals for remote unit switch-on and switch-off via an external device.

Alarm Contact
The units of the commercial line have a contact that allows synchronisation of the product alarm condition with an external device.

Hydrophilic Aluminium Coating
-Suitable for installations in coastal or particularly humid areas.
-Excellent Anti-Corrosion Performance: with the same environmental conditions, the new coating of the condensers guarantees their longevity to over 7 times longer compared to traditional models.

A⁺⁺

HIGH EFFICIENCY TECHNOLOGY
Classe A++ in cooling
Classe A+ in heating intermediate season
Classe A++ / A+++ in heating warmer season

OLIMPIA SPLENDID'S INVERTER SYSTEM
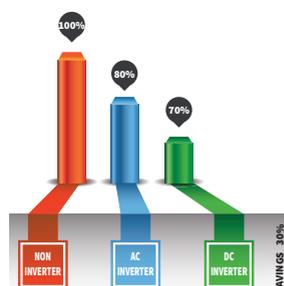
100%
80%
70%

NON INVERTER
AC INVERTER
DC INVERTER

SAVINGS 30%

HEAT PUMP
Heat pump air conditioner. Thanks to this feature you can replace traditional heating in intermediate seasons or support it.

Outdoor unit

OLIMPIA SPLENDID
HOME OF COMFORT

COMMERCIAL NEXYA S3

R410A GAS

|		OUT OF STOCK OUTDOOR UNIT NEXYA S3 COMMERCIAL 18	OUT OF STOCK OUTDOOR UNIT NEXYA S3 COMMERCIAL 24
Product code OUTDOOR UNIT		OS-CECEH18EI	OS-CECEH24EI
Supply voltage	V / F / Hz	220-240 / 1 / 50	220-240 / 1 / 50
Outdoor unit — Dimensions (L x D x H)	mm	800 x 333 x 554	845 x 363 x 702
Weight (without packaging)	kg	35,5	49
Dimensions (with packaging) (L x D x H)	mm	-	-
Weight	kg	-	-
Air flow rate	m³/h	2100	2700
Sound Pressure (max)	dB(A)	57	61
Sound power level	dB(A)	🔊 64	🔊 65
Compressor Type		rotating	rotating
Dimensions and Limitations of the Cooling Circuit — Diameter of tube in liquid connection line	mm	6,35	9,52
Diameter of tube in gas connection line	mm	12,7	15,9
Covered piping length from pre-load	m	5	5
Piping recommended minimum length	m	3	3
Piping Equivalent length (max)	m	30	50
Increase of Refrigerant	g/m	15	30
Maximum difference in level	m	20	25
Refrigerant fluid — Refrigerant gas		R410A	R410A
Global warming potential		2088	2088
Refrigerant gas charge	kg	1,48	1,95
Maximum applied pressure high pressure side/low pressure side	MPa	4,2-1,5	4,2-1,5
Electrical connections — Power supply connection	n° conductor	2+1	2+1
Indoor - Outdoor unit connection	n° conductor	6	6
Max Power absorption	W	2200	2950
Max Current consumption	A	10	14
operational limits — Outdoor temperature in cooling (Min-Max)	°C B.S.	-15 / +43	-15 / +43
Outdoor temperature in heating (Min-Max)	°C B.U.	-15 / +24	-15 / +24

COMMERCIAL NEXYA S4 E

R32 GAS

		NEW OUTDOOR UNIT NEXYA S4E COMMERCIAL 18	NEW OUTDOOR UNIT NEXYA S4E COMMERCIAL 24	NEW OUTDOOR UNIT NEXYA S4E COMMERCIAL 36	NEW OUTDOOR UNIT NEXYA S4E COMMERCIAL 36T	NEW OUTDOOR UNIT NEXYA S4E COMMERCIAL 48T
Product code OUTDOOR UNIT		OS-CECIH18EI	OS-CECIH24EI	OS-CECIH36EI	OS-CECITH36EI	OS-CECITH48EI
Supply voltage	V / F / Hz	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	380-415 / 3 / 50	380-415 / 3 / 50
Outdoor unit — Dimensions (L x D x H)	mm	800x333x554	965x395x765	1090x500x875	1090x500x875	1095x495x1480
Weight (without packaging)	kg	33,7	66,8	66,8	81,5	106,7
Dimensions (with packaging) (L x D x H)	mm	920x390x615	965x395x755	1090x500x865	1090x500x865	1095x500x1333
Weight	kg	33,6	72,6	73.4	87	119,9
Air flow rate	m³/h	2000	2700	4000	4000	7500
Sound Pressure (max)	dB(A)	55	62	65	64	66
Sound power level	dB(A)	🔊 63	🔊 65	🔊 67	🔊 68	🔊 72
Compressor Type		rotating	rotating	rotating	rotating	rotating
Dimensions and Limitations of the Cooling Circuit — Diameter of tube in liquid connection line	mm	6,35	9,52	9,52	9,52	9,52
Diameter of tube in gas connection line	mm	12,7	15,9	15,9	15,9	15,9
Covered piping length from pre-load	m	5	5	5	5	5
Piping recommended minimum length	m	3	3	3	3	3
Piping Equivalent length (max)	m	30	50	65	65	65
Increase of Refrigerant	g/m	12	24	24	24	24
Maximum difference in level	m	20	25	30	30	30
Refrigerant fluid — Refrigerant gas		R32	R32	R32	R32	R32
Global warming potential		675	675	675	675	675
Refrigerant gas charge	kg	1,15	1,50	2,40	2,40	2,80
Maximum applied pressure high pressure side/low pressure side	MPa	4,3/1,7	4,3/1,7	4,3/1,7	4,3/1,7	4,3/1,7
Electrical connections — Power supply connection	n° conductor	2+1	2+1	2+1	4+1	4+1
Indoor - Outdoor unit connection	n° conductor	6	6	6	6	6
Max Power absorption	W	2950	2950	4700	5600	6200
Max Current consumption	A	13,5	13,5	21,5	10,0	11,2
operational limits — Outdoor temperature in cooling (Min-Max)	°C B.S.	-15 / +50	-15 / +50	-15 / +50	-15 / +50	-15 / +50
Outdoor temperature in heating (Min-Max)	°C B.U.	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24

NEXYA® Commercial
Indoor unit DUCT

FEATURES

Excellent performance and high-efficiency at low air flow rate with consequent noise reduction.

Automatic setting of the air flow rate
automatic air flow rate setting function, in order to automatically adapt the system depending on the ducts connected to the unit.

Wall-installed remote control (standard supply)
The wired, wall-installed remote control has a weekly programmer, which allows setting at daily intervals with different selections of the product operating parameters.

Reversible Air Intake
The air intake duct can be moved from the rear of the product (standard configuration) to the lower part. It is replaced by a sheet steel panel. In this way, the product can be made suitable for any installation condition.

Vent for introduction of fresh air
The indoor units of the commercial line are equipped with specific air vents for the introduction of outdoor or fresh air into the product.

Condensate Lift Pump
The indoor units have a condensate liquid lift pump

Wall remote control

FUNCTIONS

Fan only mode
Dehumidification only mode
Auto mode: changes parameters depending on ambient temperature.
Sleep mode: gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

A++
HIGH EFFICIENCY TECHNOLOGY
Classe A++ in cooling
Classe A+ in heating intermediate season
Classe A++ / A+++ in heating warmer season

HIGH HEAD
Ducted indoor unit with static pressure available up to 160 Pa.

OLIMPIA SPLENDID'S INVERTER SYSTEM

HEAT PUMP
Heat pump air conditioner. Thanks to this feature you can replace traditional heating in intermediate seasons or support it.

SLIM DESIGN
The range is characterised by its small dimensions (Height from 210 mm)

AUTO
AUTOMATIC SETTING OF THE AIR FLOW RATE

Indoor unit

OLIMPIA SPLENDID
HOME OF COMFORT

DUCT NEXYA

		INDOOR UNIT NEXYA S4 DUCT 18 (OUT OF STOCK)	INDOOR UNIT NEXYA S4 DUCT 24 (OUT OF STOCK)	INDOOR UNIT NEXYA S4 E DUCT 18 (NEW)	INDOOR UNIT NEXYA S4 E DUCT 24 (NEW)	INDOOR UNIT NEXYA S4 E DUCT 36 (UE One Phase) (NEW)	INDOOR UNIT NEXYA S4 E DUCT 36 (UE Three Phase) (NEW)	INDOOR UNIT NEXYA S4 E DUCT 48 (NEW)
Product code INDOOR UNIT		OS-SEMPH18EI	OS-SEMPH24EI	OS-SEDIH18EI	OS-SEDIH24EI	OS-SEDIH36EI	OS-SEDIH36EI	OS-SEDIH48EI
Product code OUTDOOR UNIT		OS-CECEH18EI	OS-CECEH24EI	OS-CECIH18EI	OS-CECIH24EI	OS-CECIH36EI	OS-CECITH36EI	OS-CECITH48EI
Supply voltage INDOOR UNIT	V / F / Hz	One Phase 220-240 / 1 / 50						
Supply voltage OUTDOOR UNIT	V / F / Hz	One Phase 220-240 / 1 / 50				Three Phase 380-415 / 3 / 50		

Cooling

Capacity (min / rated / max)	kW	0,8-5,3-6,2	1,2-7,0-8,2	2,55-5,28-5,69	3,28-7,03-8,16	4,04-10,55-12,02	4,04-10,55-12,02	4,26-14,07-15,19
Absorbed power (min / rated / max)	kW	0,3-1,7-2,2	0,4-2,3-2,9	710-1633-1900	480-2190-2850	902-4000-4900	890-4100-4980	1170-5150-5699
Current	A	1,2-7,7-10	1,8-10,4-14	3,2-7,2-8,3	2,1-9,5-12,4	4,2-17,5-19,6	1,4-6,5-8,2	1,8-8,3-9,4
Theoretical Load (PdesignC)	kW	5,4	7,0	5,3	7,0	10,5	10,5	14
SEER		6,3	6,3	6,1	6,1	6,1	6,1	
Energy efficiency class		A++	A++	A++	A++	A++	A++	A++
Annual energy consumption	kWh/A	299	394					

Heating

Capacity (Min-Nom-Max)	kW	0,9-5,6-7,0	1,2-7,0-8,6	2,2-5,9-6,15	2,72-7,62-8,72	2,81-11,14-13,19	2,81-11,14-13,19	3,7-16,12-18,02
Absorbed power (min / rated / max)	W	300-1500-2200	400-1900-2900	740-1580-1760	500-2050-2880	800-3100-4640	780-3000-4665	948-4280-5824
Current	A	1,3-6,7-10	1,8-10,4-14	3,3-7,0-7,7	2,2-8,9-12,5	3,6-12,9-18,4	1,3-4,7-7,4	1,5-6,8-9,2
Theoretical Load (PdesignH) (intermediate season - warmer season)	kW	4,6-5,0	5,9-6,1	4,3-5,0	5,4-6,1	8,4-10,5	8,4-10,5	11,9-12,5
Scop (intermediate season - warmer season)		4,0-5,1	4,0-5,1	4,0-5,0	4,0-5,0	4,0-5,1	4,0-5,1	4,0-5,0
Energy efficiency class (intermediate season - warmer season)	interm. season / warmer season	A+ / A+++	A+ / A+++	A+ / A++	A+ / A+++	A+ / A+++	A+ / A+++	A+ / A+++
Annual energy consumption (intermediate season - warmer season)	kWh/A	-	-	-	-	-	-	-
Operating limit temperature	°C	-15	-15	-15	-15	-15	-15	-15
Energy efficiency E.E.R./C.O.P.	W/W	2,87 / 4,88	3,10 / 4,94	3,24 / 3,73	3,21 / 3,72	2,64 / 3,59	2,57 / 3,71	2,73 / 3,77

Indoor unit

Dimensions (L x D x H)	mm	880x674x210	1100x774x249	880x764x210	1100x774x249	1360x774x249	1360x774x249	1200x874x300
Weight (without packaging)	kg	25,6	31,5	24,3	31,5	40,5	40,5	47,6
Dimensions (with packaging) (L x D x H)	mm	-	-	1070x725x280	1305x805x305	1570x805x305	1570x805x305	1405x915x355
Weight (with packaging) (L x D x H)	kg	-	-	29,6	38,9	48,5	48,5	55,8
Air flow rate (min / rated / max)	m³/h	680-830-1000	840-1050-1250	350-650-850	839-1054-1248	750-1150-1400	750-1150-1400	1680-2040-2400
Rated Fan Pressure	Pa	70	70	25	25	37	37	50
Fan pressure adjustment field	Pa	25-110	30-110	0-100	0-160	0-160	0-160	0-160
Sound Pressure (min / rated / max)	dB(A)	-	-	33-38-41,5	38-40-42	40-43-47	40-43-47	48-50-51
Sound power level (max)	dB(A)	59	65	59	62	63	63	68

Outdoor unit

Dimensions (L x D x H)	mm	800x333x554	845x363x702	800x333x554	845x363x702	946x410x810	946x410x810	952x415x1333
Weight (without packaging)	kg	35,5	49	33,7	66,8	66,8	81,5	106,7
Dimensions (with packaging) (L x D x H)	mm	-	-	920x390x615	965x395x765	1090x500x875	1090x500x875	1095x495x1480
Weight (with packaging) (L x D x H)	kg	-	-	36,6	72,6	73,4	87,0	119,9
Air flow rate (min / rated / max)	m³/h	2100	2700	2100	2700	4000	4000	7500
Compressor Type		rotating	rotating	rotating	rotating	rotating	rotating	rotating

Dimensions and Limitations of the Cooling Circuit

Diameter of tube in liquid connection line	mm	6,35	9,52	6,35	9,52	9,52	9,52	9,52
Diameter of tube in gas connection line	mm	12,7	15,88	12,7	15,88	15,88	15,88	15,88
Covered piping length from pre-load	m	5	5	5	5	5	5	5
Piping recommended minimum length	m	3	3	3	3	3	3	3
Piping Equivalent length (max)	m	30	50	30	50	65	65	65
Increase of Refrigerant	g/m	15	37	12	24	24	24	24
Maximum difference in level	m	20	25	20	25	30	30	30

Refrigerant fluid

Refrigerant gas		R410A	R410A	R32	R32	R32	R32	R32
Global warming potential		2088	2088	675	675	675	675	675
Refrigerant gas charge	kg	1,78	1,95	1,15	1,50	2,40	2,40	2,80

Electrical connections

Maximum applied pressure high pressure side/low pressure side	MPa	4,2/1,5	4,2/1,5	4,3/1,7	4,3/1,7	4,3/1,7	4,3/1,7	4,3/1,7
Indoor unit connection	n° conductor	2+1	2+1	2+1	2+1	2+1	2+1	2+1
Outdoor unit connection	n° conductor	2+1	2+1	2+1	2+1	2+1	4+1	4+1
Indoor - Outdoor unit connection	n° conductor	6	6	6	6	6	6	6
Max Power absorption	W	2200	2950	2950	2950	4700	5600	6200
Max Current consumption	A	10,0	14,0	13,5	13,5	21,5	10,0	11,2

operational limits

Indoor temperature in cooling (Min-Max)	°C B.S.	+17 / +32	+17 / +32	+17 / +32	+17 / +32	+17 / +32	+17 / +32	+17 / +32
Indoor temperature in heating (Min-Max)	°C B.U.	+17 / +27	+17 / +27	0 / +30	0 / +30	0 / +30	0 / +30	0 / +30
Outdoor temperature in cooling (Min-Max)	°C B.S.	-15 / +43	-15 / +43	-15 / +50	-15 / +50	-15 / +50	-15 / +50	-15 / +50
Outdoor temperature in heating (Min-Max)	°C B.U.	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24

The data declared is relative to the conditions envisioned in EN 14825 and EN 14511 (2014). During actual use, the effective electric consumption of the product may differ from that indicated. The data is subject to variation and modification without prior notice. The sound pressure values are at the following conditions: environment sound pressure level equal to 0 dB (Pressure equal to 20 µPa), unit positioned in free field condition, measuring device positioned at 1 metre from the front of the unit.

NEXYA® Commercial **I**ndoor unit **CASSETTE**

Cassette Compact

Remote control (standard)

Cassette

Remote control (standard)

FEATURES

Two Models
- Compact Cassette with width and length reduced to only 600x600 mm
- Cassette with width and length exceeding 600x600 mm and slim height of 205 mm

Vent for introduction of fresh air
The indoor units of the commercial line are equipped with specific air vents for the introduction of outdoor or fresh air into the product.

Condensate Lift Pump
The indoor units have a lift pump for the condensate liquid.

Decorative Panel
The decorative panel has a digital display and has slots for expelling air also at the corners.

FUNCTIONS

- **Fan only mode**
- **Dehumidification only mode**
- **Auto mode:** changes parameters depending on ambient temperature.
- **Sleep mode:** gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

A++

HIGH EFFICIENCY TECHNOLOGY
Classe A++ in cooling
Classe A+ in heating intermediate season
Classe A++ / A+++ in heating warmer season

HEAT PUMP
Heat pump air conditioner. Thanks to this feature you can replace traditional heating in intermediate seasons or support it.

OLIMPIA SPLENDID'S INVERTER SYSTEM

100%

80%

70%

NON INVERTER

AC INVERTER

DC INVERTER

SAVINGS 30%

Indoor unit

OLIMPIA SPLENDID
HOME OF COMFORT

CASSETTE NEXYA		OUT OF STOCK — INDOOR UNIT NEXYA S4 CASSETTE 18	OUT OF STOCK — INDOOR UNIT NEXYA S4 CASSETTE 24	NEW — INDOOR UNIT NEXYA S4 E CASSETTE COMPACT 18	NEW — INDOOR UNIT NEXYA S4 E CASSETTE 24	NEW — INDOOR UNIT NEXYA S4 E CASSETTE 36 (UE One Phase)	NEW — INDOOR UNIT NEXYA S4 E CASSETTE 36 (UE Three Phase)	NEW — INDOOR UNIT NEXYA S4 E CASSETTE 48
Product code INDOOR UNIT		OS-SECPH18EI	OS-SECPH24EI	OS-SECIH18EI	OS-SECIH24EI	OS-SECIH36EI	OS-SECIH36EI	OS-SECIH48EI
Product code OUTDOOR UNIT		OS-CECEH18EI	OS-CECEH24EI	OS-CECIH18EI	OS-CECIH24EI	OS-CECIH36EI	OS-CECITH36EI	OS-CECITH48EI
Supply voltage INDOOR UNIT	V / F / Hz	One Phase 220-240 / 1 / 50						
Supply voltage OUTDOOR UNIT	V / F / Hz	One Phase 220-240 / 1 / 50					Three Phase 380-415 / 3 / 50	
Cooling — Capacity (min / rated / max)	kW	0,8-5,3-6,2	0,8-5,3-6,2	2,90-5,28-5,74	3,22-7,03-8,21	4,04-10,55-12,02	4,04-10,55-12,02	4,75-14,07-14,58
Absorbed power (min / rated / max)	W	0,3-1,7-2,7	0,3-1,7-2,7	720-1633-1860	480-2190-2850	890-3750-4500	890-3950-4500	1174-5130-5602
Current	A	1,2-7,7-10	1,2-7,7-10	3,2-7,2-8,2	2,1-9,5-12,4	3,9-16,3-19,6	3,9-6,6-8,2	1,8-8,3-9,3
Theoretical Load (PdesignC)	kW	5,3	5,3	5,3	7,0	10,5	10,5	14
SEER		6,3	6,1	6,1	6,1	6,1	6,1	6,1
Energy efficiency class		A++	A++	A++	A++	A++	A++	A++
Annual energy consumption	kWh/A	294	402	304	402			
Heating — Capacity (Min-Nom-Max)	kW	0,9-5,6-7,0	0,9-5,6-7,0	2,37-5,42-6,10	2,43-7,62-8,65	2,94-11,14-13,48	2,95-11,14-14,14	3,93-16,12-16,77
Absorbed power (min / rated / max)	W	300-1500-2200	300-1500-2200	700-1460-1930	500-2050-2880	720-2993-4450	720-3000-4750	987-5050-5378
Current	A	1,3-6,7-10	1,3-6,7-10	3,1-6,4-8,5	2,2-8,9-12,5	3,2-13,0-19,4	3,2-5,0-8,3	1,56-8,2--8,9
Theoretical Load (PdesignH) (intermediate season - warmer season)	kW	4,9-5,0	5,8-5,9	4,2-5,3	5,4-5,9	8,8-10,5	8,1-10,5	11,2-12,2
Scop (intermediate season - warmer season)		4,0-5,1	4,0-5,1	4,0-4,9	4,0-5,1	4,0-5,1	4,0-5,1	4,0-5,1
Energy efficiency class (intermediate season - warmer season)	interm. season / warmer season	A+ / A+++	A+ / A+++	A+ / A++	A+ / A+++	A+ / A+++	A+ / A+++	A+ / A+++
Annual energy consumption (intermediate season - warmer season)	kWh/A	-	-	-	-	-	-	-
Operating limit temperature	°C	-15	-15	-15	-15	-15	-15	-15
Energy efficiency E.E.R./C.O.P.	W/W	3,06-5,87	3,10-5,70	3,23-3,71	3,21-3,72	2,81-3,72	2,67-3,71	2,74-3,19
Indoor unit — Dimensions (L x D x H)	mm	840x840x205	840x840x245	570x570x260	840x840x205	840x840x245	840x840x245	840x840x287
Weight (without packaging)	kg	21,4	23,0	16,2	23,0	27,5	27,5	29
Dimensions (with packaging) (L x D x H)	mm	-	-	662x662x317	900x900x225	900x900x265	900x900x265	900x900x292
Weight (with packaging) (L x D x H)	kg	-	-	21,4	27,0	31,0	31,0	32,7
Air flow rate (min / rated / max)	m³/h	763-867-1036	1032-1200-1378	540-625-720	1032-1200-1378	1438-1620-1775	1438-1620-1775	1381-1568-1715
Sound Pressure (min / rated / max)	dB(A)	37-41-46	40-43-47	35,5-39-42,5	40-43-47	46-49-51	41-47-51	49-50-52
Sound power level (max)	dB(A)	56	61	56	59	61	62	65
Decorative panel — Dimensions (L x D x H)	mm	950x950x55	950x950x55	647x647x50	950x950x55	950x950x55	950x950x55	950x950x55
Weight (without packaging)	kg	5	5	2,5	5	5	5	5
Dimensions (with packaging) (L x D x H)	mm	-	-	647x647x50	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90
Weight (with packaging) (L x D x H)	kg	-	-	4,5	8	8	8	8
Outdoor unit — Dimensions (L x D x H)	mm	800x333x554	845x363x702	800x333x554	845x363x702	946x410x810	946x410x810	952x410x1333
Weight (without packaging)	kg	35,5	39	33,7	66,8	66,8	81,5	106,7
Dimensions (with packaging) (L x D x H)	mm	-	-	920x390x615	965x395x765	1090x500x875	1090x500x875	1095x495x1480
Weight (with packaging) (L x D x H)	kg	-	-	36,6	72,6	73,4	87,0	119,9
Air flow rate (min / rated / max)	m³/h	2100	2700	2000	2700	4000	4000	7500
Compressor Type		rotating	rotating	rotating	rotating	rotating	rotating	rotating
Dimensions and Limitations of the Cooling Circuit — Diameter of tube in liquid connection line	mm	6,35	9,52	6,35	9,52	9,52	9,52	9,52
Diameter of tube in gas connection line	mm	17,7	15,88	12,7	15,88	15,88	15,88	15,88
Covered piping length from pre-load	m	5	5	5	5	5	5	5
Piping recommended minimum length	m	-	-	3	3	3	3	3
Piping Equivalent length (max)	m	30	50	30	50	65	65	65
Increase of Refrigerant	g/m	15	37	12	24	24	24	24
Maximum difference in level	m	20	25	20	25	30	30	30
Refrigerant fluid — Refrigerant gas		R410A	R410A	R32	R32	R32	R32	R32
Global warming potential		2088	2088	675	675	675	675	675
Refrigerant gas charge	kg	1,48	1,95	1,15	1,50	2,40	2,40	2,80
Maximum applied pressure high pressure side/low pressure side	MPa	4,2/1,5	4,2/1,5	4,3/1,7	4,3/1,7	4,3/1,7	4,3/1,7	4,3/1,7
Electrical connections — Indoor unit connection	n° conductor	2+1	2+1	2+1	2+1	2+1	2+1	2+1
Outdoor unit connection	n° conductor	2+1	2+1	2+1	2+1	2+1	4+1	4+1
Indoor - Outdoor unit connection	n° conductor	6	6	6	6	6	6	6
Max Power absorption	W	2200	2950	2950	2950	4700	5600	6200
Max Current consumption	A	10,0	14,0	13,5	13,5	21,5	10,0	11,2
operational limits — Indoor temperature in cooling (Min-Max)	°C B.S.	+17 - +32	+17 - +32	+17 - +32	+17 - +32	+17 - +32	+17 - +32	+17 - +32
Indoor temperature in heating (Min-Max)	°C B.U.	+17 - +27	+17 - +27	0 - +30	0 - +30	0 - +30	0 - +30	0 - +30
Outdoor temperature in cooling (Min-Max)	°C B.S.	-15 - +43	-15 - +43	-15 - +50	-15 - +50	-15 - +50	-15 - +50	-15 - +50
Outdoor temperature in heating (Min-Max)	°C B.U.	-15 - +24	-15 - +24	-15 - +24	-15 - +24	-15 - +24	-15 - +24	-15 - +24

The data declared is relative to the conditions envisioned in EN 14825 and EN 14511 (2014). During actual use, the effective electric consumption of the product may differ from that indicated. The data is subject to variation and modification without prior notice. The sound pressure values are at the following conditions: environment sound pressure level equal to 0 dB (Pressure equal to 20 μPa), unit positioned in free field condition, measuring device positioned at 1 metre from the front of the unit.

NEW

NEXYA® Commercial
Indoor unit CEILING

A⁺⁺ **HIGH EFFICIENCY TECHNOLOGY** — **HEAT PUMP** — **OLIMPIA SPLENDID'S INVERTER SYSTEM** — Remote control (standard)
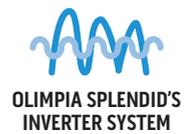
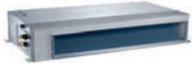| CEILING NEXYA		OUT OF STOCK INDOOR UNIT NEXYA S4 CEILING 18	OUT OF STOCK INDOOR UNIT NEXYA S4 CEILING 24	NEW INDOOR UNIT NEXYA S4 E CEILING 18	NEW INDOOR UNIT NEXYA S4 E CEILING 24	NEW INDOOR UNIT NEXYA S4 E CEILING 36 (UE One Phase)	NEW INDOOR UNIT NEXYA S4 E CEILING 36 (UE Three Phase)	NEW INDOOR UNIT NEXYA S4 E CEILING 48
Product code indoor unit		OS-SEFPH18EI	OS-SEFPH24EI	OS-SEFIH18EI	OS-SEFIH24EI	OS-SEFIH36EI	OS-SEFIH36EI	OS-SEFIH48EI
Product code outdoor unit		OS-CECEH18EI	OS-CECEH24EI	OS-CECIH18EI	OS-CECIH24EI	OS-CECIH36EI	OS-CECITH36EI	OS-CECITH48EI
Supply voltage indoor unit	v / F / Hz				One Phase 220-240 / 1 / 50			
Supply voltage outdoor unit	v / F / Hz			One Phase 220-240 / 1 / 50			Three Phase 380-415 / 3 / 50	

Cooling

Capacity (min / rated / max)	kW	0,8-5,3-6,2	1,2-7,0-8,2	1,23-5,3-6,15	3,22-7,03-8,29	3,93-10,55-12,02	3,93-10,55-12,02	4,96-14,07-15,11
Absorbed power (min / rated / max)	W	0,3-1,7-2,7	0,4-2,2-2,9	330-1500-2180	489-2190-2930	875-3800-4500	870-3750-4500	1158-5500-6003
Current	A	1,2-7,7-10	1,8-9,9-14	1,2-7,1-9,3	2,1-10,0-13,1	4,1-16,7-19,6	1,2-5,8-8,2	1,8-9,1-9,8
Theoretical Load (PdesignC)	kW	5,3	7,0	5,3	7,0	10,5	10,5	14
SEER		6,3	6,1	6,1	6,1	6,1	6,1	6,1
Energy efficiency class		A++	A++	A++	A++	A++	A++	A++
Annual energy consumption	kWh/A	285	402	-	-	-	-	-

Heating

Capacity (Min-Nom-Max)	kW	0,9-5,6-7,0	1,2-7,0-8,2	1,4-5,6-9,5	2,72-7,62-8,65	2,81-11,14-13,48	2,81-11,14-13,95	3,81-16,12-18,07
Absorbed power (min / rated / max)	W	300-1500-2200	400-1900-2900	330-1500-2180	500-2050-2850	730-3040-4550	730-3000-4885	1026-5050-6200
Current	A	1,3-6,7-10	1,8-8,7-14	1,4-6,5-9,5	2,2-9,5-12,7	2,8-14,0-19,8	1,2-4,8--8,3	1,6-8,14-10,3
Theoretical Load (PdesignH) (intermediate season - warmer season)	kW	4,9-5,2	5,8-5,6	4,2-5,0	5,4-4,9	8,7-10,5	9,0-9,0	11,1-12,5
Scop (intermediate season - warmer season)		4,0-5,1	4,0-5,1	4,0-5,1	4,0-5,1	4,0-5,1	4,0-5,1	4,0-5,1
Energy efficiency class (intermediate season - warmer season)	interm. season / warmer season	A+ / A+++	A+ / A+++	A+ / A+++	A+ / A+++	A+ / A+++	A+ / A+++	A+ / A+++
Operating limit temperature	°C	-15	-15	-15	-15	-15	-15	-15
Energy efficiency E.E.R./C.O.P.	W/W	3,13/5,23	2,65/5,04	3,53-3,71	3,21-3,72	2,78-3,66	2,81-3,71	2,67-3,19

Indoor unit

Dimensions (L x D x H)	mm	1068x235x675	1068x235x675	1068x235x675	1068x235x675	1650x675x235	1650x675x235	1650x675x235
Weight (without packaging)	kg	26,6	26,8	26,6	26,8	39,0	39,0	41,2
Dimensions (with packaging) (L x D x H)	mm	-	-	1145x755x313	1145x755x313	1725x755x313	1725x755x313	1725x755x313
Weight (with packaging) (L x D x H)	kg	-	-	31,8	31,9	45,0	45,0	47,6
Air flow rate (min / rated / max)	m³/h	677-760-902	853-1066-1208	677-786-902	853-1066-1208	1431-1844-2160	1431-1844-2160	1417-1930-2329
Sound Pressure (min / rated / max)	dB(A)	37-40-45	41-46-50	37-40-45	41-46-50	42-47-51	42-47-51	46-50-54
Sound power level (max)	dB(A)	56	61	63	61	61	59	66

Outdoor unit

Dimensions (L x D x H)	mm	800x333x554	845x363x702	800x333x554	845x363x702	946x410x810	946x410x810	952x410x1333
Weight (without packaging)	kg	35,5	39	33,7	66,8	66,8	81,5	106,7
Dimensions (with packaging) (L x D x H)	mm	-	-	920x390x615	965x395x765	1090x500x875	1090x500x875	1095x495x1480
Weight (with packaging) (L x D x H)	kg	-	-	36,6	72,6	73,4	87,0	119,9
Air flow rate (min / rated / max)	m³/h	2100	2700	2000	2700	4000	4000	7500
Compressor Type		rotating	rotating	rotating	rotating	rotating	rotating	rotating

Dimensions and Limitations of the Cooling Circuit

Diameter of tube in liquid connection line	mm	6,35	9,52	6,35	9,52	9,52	9,52	9,52
Diameter of tube in gas connection line	mm	17,7	15,88	12,7	15,88	15,88	15,88	15,88
Covered piping length from pre-load	m	5	5	5	5	5	5	5
Piping recommended minimum length	m	-	-	3	3	3	3	3
Piping Equivalent length (max)	m	30	50	30	50	65	65	65
Increase of Refrigerant	g/m	15	37	12	24	24	24	24
Maximum difference in level	m	20	25	20	25	30	30	30

Refrigerant fluid

Refrigerant gas		R410A	R410A	R32	R32	R32	R32	R32
Global warming potential		2088	2088	675	675	675	675	675
Refrigerant gas charge	kg	1,48	1,95	1,15	1,50	2,40	2,40	2,80
Maximum applied pressure high pressure side/low pressure side	MPa	4,2/1,5	4,2/1,5	4,3/1,7	4,3/1,7	4,3/1,7	4,3/1,7	4,3/1,7

Electrical connections

Indoor unit connection	n° conductor	2+1	2+1	2+1	2+1	2+1	2+1	2+1
Outdoor unit connection	n° conductor	2+1	2+1	2+1	2+1	2+1	4+1	4+1
Indoor - Outdoor unit connection	n° conductor	6	6	6	6	6	6	6
Max Power absorption	W	2200	2950	2950	2950	4700	5600	6200
Max Current consumption	A	10,0	14,0	13,5	13,5	21,5	10,0	11,2

operational limits

Indoor temperature in cooling (Min-Max)	°C B.S.	+17 - +32	+17 - +32	+17 - +32	+17 - +32	+17 - +32	+17 - +32	+17 - +32
Indoor temperature in heating (Min-Max)	°C B.U.	+17 - +27	+17 - +27	0 - +30	0 - +30	0 - +30	0 - +30	0 - +30
Outdoor temperature in cooling (Min-Max)	°C B.S.	-15 - +43	-15 - +43	-15 - +50	-15 - +50	-15 - +50	-15 - +50	-15 - +50
Outdoor temperature in heating (Min-Max)	°C B.U.	-15 - +24	-15 - +24	-15 - +24	-15 - +24	-15 - +24	-15 - +24	-15 - +24

The data declared is relative to the conditions envisioned in EN 14825 and EN 14511 (2014). During actual use, the effective electric consumption of the product may differ from that indicated. The data is subject to variation and modification without prior notice. The sound pressure values are at the following conditions: environment sound pressure level equal to 0 dB (Pressure equal to 20 μPa), unit positioned in free field condition, measuring device positioned at 1 metre from the front of the unit.

NEXYA® COMMERCIAL **C**ompatibility **R**ange

OLIMPIA SPLENDID — HOME OF COMFORT

		OUTDOOR UNIT NEXYA S3 COMM. 18 (R410A)	OUTDOOR UNIT NEXYA S3 COMM. 24 (R410A)	OUTDOOR UNIT NEXYA S4E COMM. 18 (R32)	OUTDOOR UNIT NEXYA S4E COMM. 24 (R32)	OUTDOOR UNIT NEXYA S4E COMM. 36 (R32)	OUTDOOR UNIT NEXYA S4E COMM. 36T (R32)	OUTDOOR UNIT NEXYA S4E COMM. 48T (R32)
I.U. NEXYA S4 DUCT 18 (OUT OF STOCK)	18	●						
	24		●		●			
I.U. NEXYA S4 CASSETTE (OUT OF STOCK)	18	●						
	24		●		●			
I.U. NEXYA S4 CEILING (OUT OF STOCK)	18	●						
	24		●		●			
I.U. NEXYA S4 E DUCT (NEW)	18	●		●				
	24		●		●			
	36					●	●	
	48							●
I.U. NEXYA S4 E CASSETTE COMPACT (NEW)	18	●		●				
I.U. NEXYA S4 E CASSETTE (NEW)	24		●		●			
	36					●	●	
	48							●
I.U. NEXYA S4 E CEILING (NEW)	18	●		●				
	24		●		●			
	36					●	●	
	48							●

NEXYA® Multisplit

Energy efficient multisplit inverter air conditioners.
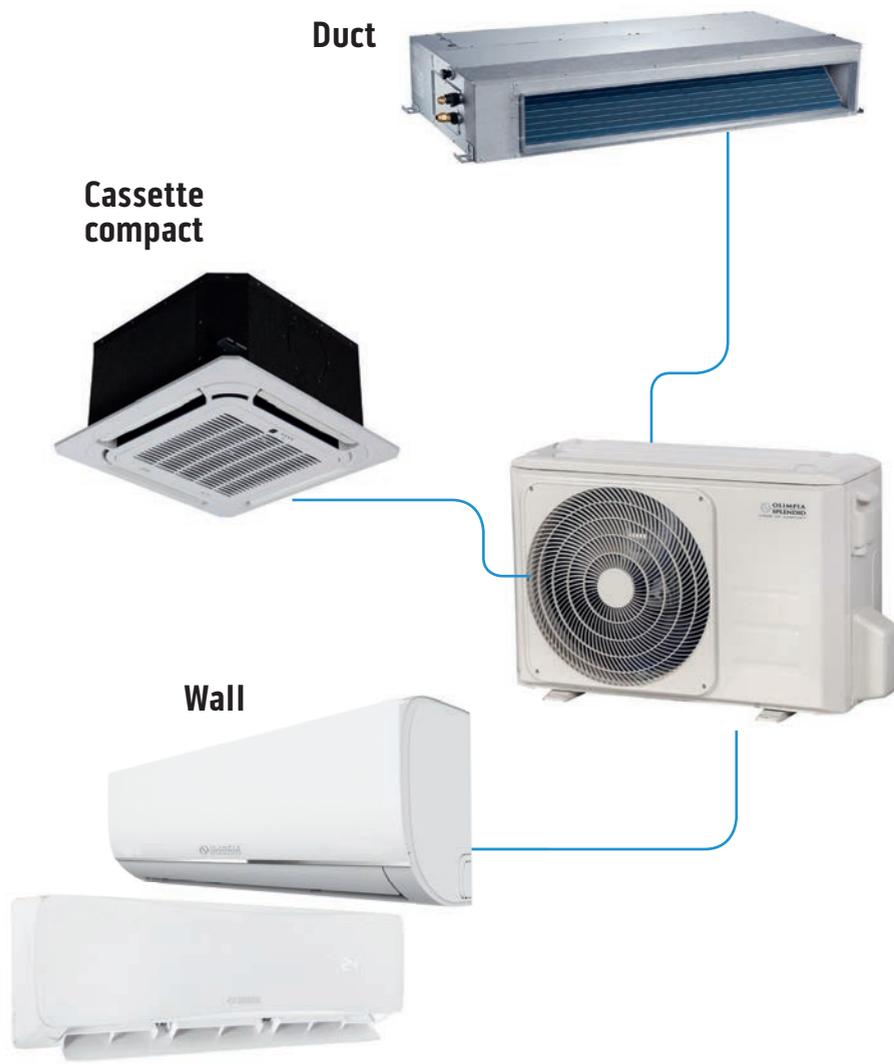
Duct

Cassette compact

Wall

FUNCTIONS

Fan only mode
Dehumidification only mode
Auto mode: changes parameters depending on ambient temperature.
Sleep mode: gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

MULTISPLIT SELECTION:

The Nexya Multi is a stackable system: mixed systems can be designed by using wall units, ducted units or cassette units, and by choosing the right size depending on the thermal load of the system.

Wi-Fi ready only for wall models: Nexya S4 E 9/12 and Alyas 9/12

A++

HIGH EFFICIENCY TECHNOLOGY

Classe A++ in cooling
Classe A+ in heating intermediate season
Classe A++ / A+++ in heating warmer season

HEAT PUMP

Heat pump air conditioner. Thanks to this feature you can replace traditional heating in intermediate seasons or support it.
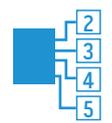
MULTISPLIT

Nexya S4E is available in the versions: dual, trial, quadri and penta, to air-condition up to four rooms by using only one outside motor.
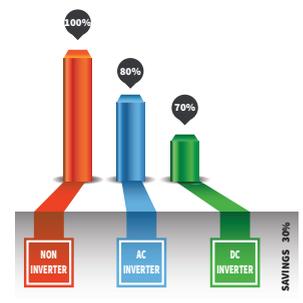
R32 GAS

ECOLOGICAL R32 GAS

New low environmental impact refrigerant GAS.

OLIMPIA SPLENDID'S INVERTER SYSTEM

100%
80%
70%

NON INVERTER
AC INVERTER
DC INVERTER

SAVINGS 30%

Outdoor unit

OLIMPIA SPLENDID
HOME OF COMFORT

MULTISPLIT NEXYA S4 E

		OUTDOOR UNIT NEXYA S4 E DUAL 14 (NEW)	OUTDOOR UNIT NEXYA S4 E DUAL 18 (NEW)	OUTDOOR UNIT NEXYA S4 E DU AL 21 (OUT OF STOCK)	OUTDOOR UNIT NEXYA S4 E TRIAL 21 (NEW)	OUTDOOR UNIT NEXYA S4 E TRIAL 26 (OUT OF STOCK)	OUTDOOR UNIT NEXYA S4 E QUADRI 28 (NEW)	OUTDOOR UNIT NEXYA S4 E QUADRI 36 (OUT OF STOCK)	OUTDOOR UNIT NEXYA S4 E PENTA 42
	Product code outdoor unit	OS-CEMYH14EI	OS-CEMYH18EI	OS-CEMEH21EI	OS-CEMYH21EI	OS-CEMEH26EI	OS-CEMYH28EI	OS-CEMEH36EI	OS-CEMEH42EI
	Supply voltage V / F / Hz	One Phase 220-240 / 1 / 50							
Cooling	Capacity (min / rated / max) kW	1,44-4,10-4,79	2,05-5,27-6,86	1,34-5,28-5,81	1,94-6,15-6,86	2,96-7,91-8,50	2,05-8,20-9,84	2,05-10,55-12,66	2,05-12,31-14,15
	Absorbed power (min / rated / max) W	1270(120-1680)	1630(690-2000)	1630(123-2234)	1950(180-2240)	2450(235-3220)	2540(890-3180)	3270(1140-4090)	4260(1490-4580)
	Current A	5.9(0.78-9.1)	7.1(3.1-9.2)	7,1 (2,6-9,7)	9.0(1.09-9.9)	13.7(2.2-14.3)	11.3(3.9-14.1)	14.3(5.1-18.2)	18.5(6.6~20.3)
	Theoretical Load (PdesignC) kW	4,1	5.3	5,4	6,1	7,9	8.2	10.6	12.4
	SEER	6,8	6.1	5,9	6,1	6,1	6.1	6.2	6.1
	Energy efficiency class	A++	A++	A+	A++	A++	A++	A++	A++
	Annual energy consumption kWh/A	-	-	319	-	-	-	-	-
Heating	Capacity (Min-Nom-Max) kW	1,45-6,59-6,86	2,34-5,57-7,24	1,88-5,57-6,57	1,73-6,59-7,25	2,04-8,20-9,38	2,34-8,79-10,55	2,34-10,84-13,00	2,34-12,31-14,77
	Absorbed power (min / rated / max) W	1770 (250-1980)	1500 (600-1670)	1390 (301-2347)	1780 (325-1920)	2100 (310-2890)	2200 (770-2750)	2760 (970-3450)	3100 (1090-4000)
	Current A	8.1 (1.76-8.8)	6.6 (2.6-7.9)	6,1 (3,24-10,2)	8.5 (1.94-8.5)	12.5 (2.5-12.9)	9.8 (3.4-12.2)	12.1 (4.3-15.3)	13.5 (4.8-17.8)
	Theoretical Load (PdesignH) (intermediate season - warmer season) kW	3,7 - 3,7	4.3 - 5,1	5,0 - /	5,6 - 5,6	5,6 - 6,1	6,5 - 6,9	9,0 - 10,4	9,2 - 10,6
	Scop (intermediate season - warmer season)	4,0 - 5,1	4,0 - 5,1	3,9 - /	4,0 - 4,8	4,0 - 5,1	3,8 - 4,6	3,8 - 5,0	3,5 - 4,9
	Energy efficiency class (intermediate season - warmer season) [interm. season / warmer season]	A+ / A+++	A+ / A+++	A	A+ / A++	A+ / A+++	A / A++	A / A++	A / A++
	Annual energy consumption (intermediate season - warmer season) kWh/A	-	-	1822	-	-	-	-	-
	Operating limit temperature °C	-15	-15	-15	-15	-15	-15	-15	-15
Outdoor unit	Energy efficiency E.E.R./C.O.P. W/W	3,23 - 3,71	3,24 - 3,71	3,1 - 4,9	3,23 - 3,71	3,23 - 3,91	3,23 - 4,00	3,23 - 3,93	2,89 - 3,97
	Dimensions (L x D x H) mm	800x333x554	800x333x554	800x333x554	845x363x702	845x363x702	946x410x810	946x410x810	946x410x810
	Weight (without packaging) kg	31.6	35.5	36	46.8	51.1	62.1	68.8	73.3
	Dimensions (with packaging) (L x D x H) mm	920x390x615	920x390x615	-	965x395x775	965x395x775	1090x500x875	1090x500x875	1090x500x875
	Weight (with packaging) (L x D x H) kg	34.7	38.5	-	51.1	55.8	67.7	75.6	80.4
	Air flow rate (min / rated / max) m³/h	-	-	2200	-	-	-	-	-
	Sound Pressure (min / rated / max) dB(A)	57	56	-	57.5	54	61.5	63	64
	Sound power level (max) dB(A)	66	65	63	65	67	67	67	69
	Compressor Type	rotating	rotating	rotating	rotating	rotating	rotating	rotating	rotating
Dimensions and Limitations of the Cooling Circuit	Diameter of tube in liquid connection line mm	2x6.35	3x6.35	2x6,35	3x6.35	4x6.35	4x6.35	5x6.35	5x6,35
	Diameter of tube in gas connection line mm	2x9.52	3x9.52	2,9,52	3x9.52	4x9.52	4x9.52	5x9.52	3x9,52+1x12,7
	Covered piping length from pre-load m	-	-	7,5	-	-	-	-	-
	Piping recommended minimum length m	-	-	-	-	-	-	-	-
	Piping Equivalent length (max) m	40	40	40	60	60	80	80	80
	Piping Equivalent max. length (single branch of piping) m	25	30	25	30	35	35	35	35
	Increase of Refrigerant g/m	-	-	12	-	-	-	-	-
	Difference in level (Max) (outdoor unit in higher position that indoor units) m	15	15	15	15	15	15	15	15
	Difference in level (Max) (outdoor unit in lower position that indoor units) m	15	15	15	15	15	15	15	15
	Difference in level (Max) (elevation difference between indoor units) m	10	10	10	10	10	10	10	10
Refrigerant fluid	Refrigerant gas	R32	R32	R32	R32	R32	R32	R32	R32
	Global warming potential	675	675	675	675	675	675	675	675
	Refrigerant gas charge kg	1.25	1,4	1,3	1,72	2.1	2.1	2.4	2,1
	Maximum applied pressure high pressure side/low pressure side MPa	4.3/1.7	4.3/1.7	4,3/1,7	4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7	4,3/1,7
Electrical connections	Main power supply V / F / Hz	One Phase 220-240 / 1 / 50							
	Indoor - Outdoor unit connection n° conductor	3+1	3+1	3+1	3+2	3+2	3+2	3+2	3+1
	Max Power absorption W	2850	3300	2700	3600	4150	4600	4700	4700
	Max Current consumption A	13	15.5	11,8	17,5	19.0	21.5	22	22,0
operational limits	Outdoor temperature in cooling (Min-Max) °C B.S.	-15 / +50	-15 / +50	-15 / +50	-15 / +50	-15 / +50	-15 / +50	-15 / +50	-15 - +50
	Outdoor temperature in heating (Min-Max) °C B.U.	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 - +24

For the energy classes of the individual combinations, refer to the energy labels of the specific combination.

The data declared is relative to the conditions envisioned in EN 14825 and EN 14511 (2014). During actual use, the effective electric consumption of the product may differ from that indicated. The data is subject to variation and modification without prior notice. The sound pressure values are at the following conditions: environment sound pressure level equal to 0 dB (Pressure equal to 20 µPa), unit positioned in free field condition, measuring device positioned at 1,5 metre from the front of the unit.

NEXYA® Multisplit
Indoor unit **Wall**

Nexya S4E

Alyas E

REMOTE CONTROL
(standard)

WI FI Ready

WALL		INDOOR UNIT NEXYA S4 E INVERTER 9	INDOOR UNIT NEXYA S4 E INVERTER 12	INDOOR UNIT ALYAS E INVERTER 9 (NEW)	INDOOR UNIT ALYAS E INVERTER 12 (NEW)
Product code Indoor unit		OS-SENEH09EI	OS-SENEH12EI	OS-SECYH09EI	OS-SECYH12EI
Supply voltage	V / F / Hz	220-240 / 1 / 50			
Cooling	kW (Nom)	2,64	3,55	2,64	3,55
Heating	kW (Nom)	2,93	3,81	2,93	3,81
Dimensions (L x D x H)	mm	805X194X285	805X194X285	722x187x290	802x189x297
Weight (without packaging)	kg	7,5	7,5	7.3	8.2
Dimensions (with packaging) (LxDxH)	mm	870x270x360	870x270x360	790x270x370	875x285x375
Weight (with packaging) (LxDxH)	kg	9,7	9,7	9.7	10.7
Air flow rate (min/rated/max)	m³/h	340-460-520	360-500-600	700-850-1150	700-1000-1100
Sound Pressure (Silent-Min-Med-Max)	dB(A)	21-26-30-40	22-26-34-40	20-23-31-39	21-22-30-38
Sound power level (max)	dB(A)	53	53	54	56
Diameter of tube in liquid connection line	mm	6,35	6,35	6	6
Diameter of tube in gas connection line	mm	9,52	9,52	10	10
Indoor - Outdoor unit connection	n° conductor	3+1	3+1	3+1	3+1
Indoor temperature in cooling (Min-Max)	°C B.S.	+17 / +32	+17 / +32	.+17 / +32	.+17 / +32
Indoor temperature in heating (Min-Max)	°C B.S.	0 / +30	0 / +30	0 / +30	0 / +30

The data declared is relative to the conditions envisioned in EN 14825 and EN 14511 (2014). During actual use, the effective electric consumption of the product may differ from that indicated. The data is subject to variation and modification without prior notice. The sound pressure values are at the following conditions: environment sound pressure level equal to 0 dB (Pressure equal to 20 μPa), unit positioned in free field condition, measuring device positioned at 0,8 metre from the front of the unit.

Indoor unit **Duct**

HIGH HEAD

AUTO
AUTOMATIC SETTING OF THE AIR FLOW RATE

SLIM DESIGN

WALL REMOTE CONTROL
(standard)

DUCT NEXYA S4 E		INDOOR UNIT NEXYA S4 E DUCT 9	INDOOR UNIT NEXYA S4 E DUCT 12	INDOOR UNIT NEXYA S4 E DUCT 18 (NEW)
Product code Indoor unit		OS-SEDDH09EI	OS-SEDDH12EI	OS-SEDIH18EI
Supply voltage	V / F / Hz	220-240 / 1 / 50		
Cooling	kW (Nom)	2,64	3,55	5,27
Heating	kW (Nom)	2,93	3,81	5,57
Dimensions (L x D x H)	mm	700x450x200	700x450x200	880x674x210
Weight (without packaging)	kg	18	18	24,3
Dimensions (with packaging) (LxDxH)	mm	860x540x275	860x540x275	1070x725x280
Weight (with packaging) (LxDxH)	kg	22	22	29,5
Air flow rate (min/rated/max)	m³/h	300-480-600	300-480-600	350-650-880
Sound Pressure (Silent-Min-Med-Max)	dB(A)	27,5-34,5-40,0	27,5-34,5-40,0	33-38-41,5
Sound power level (max)	dB(A)	59	59	59
Air flow Pressure	Pa	25	25	25
Fan pressure adjustment field	Pa	0-40	0-60	0-100
Diameter of tube in liquid connection line	mm	6,35	6,35	6,35
Diameter of tube in gas connection line	mm	9,52	9,52	12,7
Indoor - Outdoor unit connection	n° conductor	3+1	3+1	3+1
Indoor temperature in cooling (Min-Max)	°C B.S.	+17 / +32	+17 / +32	+17 / +32
Indoor temperature in heating (Min-Max)	°C B.S.	0 / +30	0 / +30	0 / +30

The data declared is relative to the conditions envisioned in EN 14825 and EN 14511 (2014). During actual use, the effective electric consumption of the product may differ from that indicated. The data is subject to variation and modification without prior notice. The sound pressure values are at the following conditions: environment sound pressure level equal to 0 dB (Pressure equal to 20 μPa), unit positioned in free field condition, measuring device positioned at 1.5 metres below the indoor unit to which standard ducts, with length measuring 2 metres (supply) and 1 metre (return), are applied.

Indoor unit Cassette

OLIMPIA SPLENDID
HOME OF COMFORT

HYDRONIC SYSTEMS

AIR CONDITIONING

AIR TREATMENT

HEATING

CASSETTE NEXYA S4 E

		OUT OF STOCK INDOOR UNIT NEXYA S4 E CASSETTE 12	NEW INDOOR UNIT NEXYA S4 E CASSETTE COMPACT 12	NEW INDOOR UNIT NEXYA S4 E CASSETTE COMPACT 18
Product code Indoor unit		OS-SECPH12EI	OS-SECIH12EI	OS-SECIH18EI
Supply voltage	F-V-Hz	220-240V 1-50Hz		
Cooling	kW (Nom)	3,55	3,55	5,27
Heating	kW (Nom)	4,10	4,10	5,42
Indoor Unit				
Dimensions (L x D x H)	mm	570x570x260	570x570x260	570x570x260
Weight (without packaging)	kg	16,2	16,2	16,2
Dimensions (with packaging) (LxDxH)	mm	655x655x290	655x655x290	655x655x290
Weight (with packaging) (LxDxH)	kg	21,4	21,4	21,4
Air flow rate (min/rated/max)	m³/h	416-506-608	416-506-608	500-560-680
Sound Pressure (Silent-Min-Med-Max)	dB(A)	35-39-43	35-39-43	41-42-44
Sound power level (max)	dB(A)	57	57	56
Decorative Panel				
Dimensions (L x D x H)	mm	647x647x50	647x647x50	647x647x50
Weight (without packaging)	kg	2,5	2,5	2,5
Dimensions (with packaging) (LxDxH)	mm	715x715x123	715x715x123	715x715x123
Weight (with packaging) (LxDxH)	kg	4,5	4,5	4,5
piping dimensions				
Diameter of tube in liquid connection line	mm	6,35	6,35	6,35
Diameter of tube in gas connection line	mm	9,52	9,52	12,7
operational limits				
Indoor - Outdoor unit connection	n° conductor	3+1	3+1	3+1
Indoor temperature in cooling (Min-Max)	°C B.U.	+17 / +32	+17 / +32	+17 / +32
Indoor temperature in heating (Min-Max)	°C B.S.	0 / +30	0 / +30	0 / +30

The data declared is relative to the conditions envisioned in EN 14825 and EN 14511 (2014). During actual use, the effective electric consumption of the product may differ from that indicated. The data is subject to variation and modification without prior notice. The sound pressure values are at the following conditions: environment sound pressure level equal to 0 dB (Pressure equal to 20 μPa), unit positioned in free field condition, measuring device positioned at 1 metre from the front of the unit.

REMOTE CONTROL
(standard)

COMPACT DESIGN

Performance tables of the Multisplit combinations

The performance tables of the Multisplit combinations can be found on-line at
www.olimpiasplendid.it/area-download

NEXYA

Multisplit selection table

	OUTDOOR UNIT NEXYA S4 E DUAL 14	OUTDOOR UNIT NEXYA S4 E DUAL 18	OUTDOOR UNIT NEXYA S4 E DUAL 21	OUTDOOR UNIT NEXYA S4 E TRIAL 21	OUTDOOR UNIT NEXYA S4 E TRIAL 26	OUTDOOR UNIT NEXYA S4 E QUADRI 28	OUTDOOR UNIT NEXYA S4 E QUADRI 36	OUTDOOR UNIT NEXYA S4 E PENTA 42
1 INDOOR UNITS	9	9	9	9	9	9	9	9
	12	12	12	12	12	12	12	12
	18	18	18	18	18	18	18	18
2 INDOOR UNITS	9 + 9	9 + 9	9 + 9	9+9	9+9	9+9	9+9	9+9
	9+12	9+12	9+12	9+12	9+12	9+12	9+12	9+12
	-	9+18	9+18	9+18	9+18	9+18	9+18	9+18
	-	12+12	12+12	12+12	12+12	12+12	12+12	12+12
	-	-	-	-	12+18	12+18	12+18	12+18
	-	-	-	-	-	18+18	18+18	18+18
3 INDOOR UNITS	-	-	-	9+9+9	9+9+9	9+9+9	9+9+9	9+9+9
	-	-	-	9+9+12	9+9+12	9+9+12	9+9+12	9+9+12
	-	-	-	-	-	9+9+18	9+9+18	9+9+18
	-	-	-	-	9+12+12	9+12+12	9+12+12	9+12+12
	-	-	-	-	-	9+12+18	9+12+18	9+12+18
	-	-	-	-	-	-	9+18+18	9+18+18
	-	-	-	-	12+12+12	12+12+12	12+12+12	12+12+12
	-	-	-	-	-	-	12+12+18	12+12+18
	-	-	-	-	-	-	12+18+18	12+18+18
	-	-	-	-	-	-	-	18+18+18
4 INDOOR UNITS	-	-	-	-	-	9+9+9+9	9+9+9+9	9+9+9+9
	-	-	-	-	-	9+9+9+12	9+9+9+12	9+9+9+12
	-	-	-	-	-	-	9+9+9+18	9+9+9+18
	-	-	-	-	-	-	9+9+12+12	9+9+12+12
	-	-	-	-	-	-	9+9+12+18	9+9+12+18
	-	-	-	-	-	-	9+12+12+12	9+12+12+12
	-	-	-	-	-	-	-	9+9+18+18
	-	-	-	-	-	-	9+12+12+18	9+12+12+18
	-	-	-	-	-	-	-	9+12+18+18
	-	-	-	-	-	-	12+12+12+12	12+12+12+12
	-	-	-	-	-	-	-	12+12+12+18
5 INDOOR UNITS	-	-	-	-	-	-	-	9+9+9+9+9
	-	-	-	-	-	-	-	9+9+9+9+12
	-	-	-	-	-	-	-	9+9+9+9+18
	-	-	-	-	-	-	-	9+9+9+12+12
	-	-	-	-	-	-	-	9+9+9+12+18
	-	-	-	-	-	-	-	9+9+12+12+12
	-	-	-	-	-	-	-	9+12+12+12+12

Mono- and multisplit tubes installation

INDOOR UNIT

MAXIMUM GAP

Highest

A

B

OUTDOOR UNIT

C

D

Lower

E

between higher indoor unit and lower outdoor unit (low)
15 m

between higher indoor unit and lower outdoor unit
10 m

between lower indoor unit and higher outdoor unit (high)
15 m
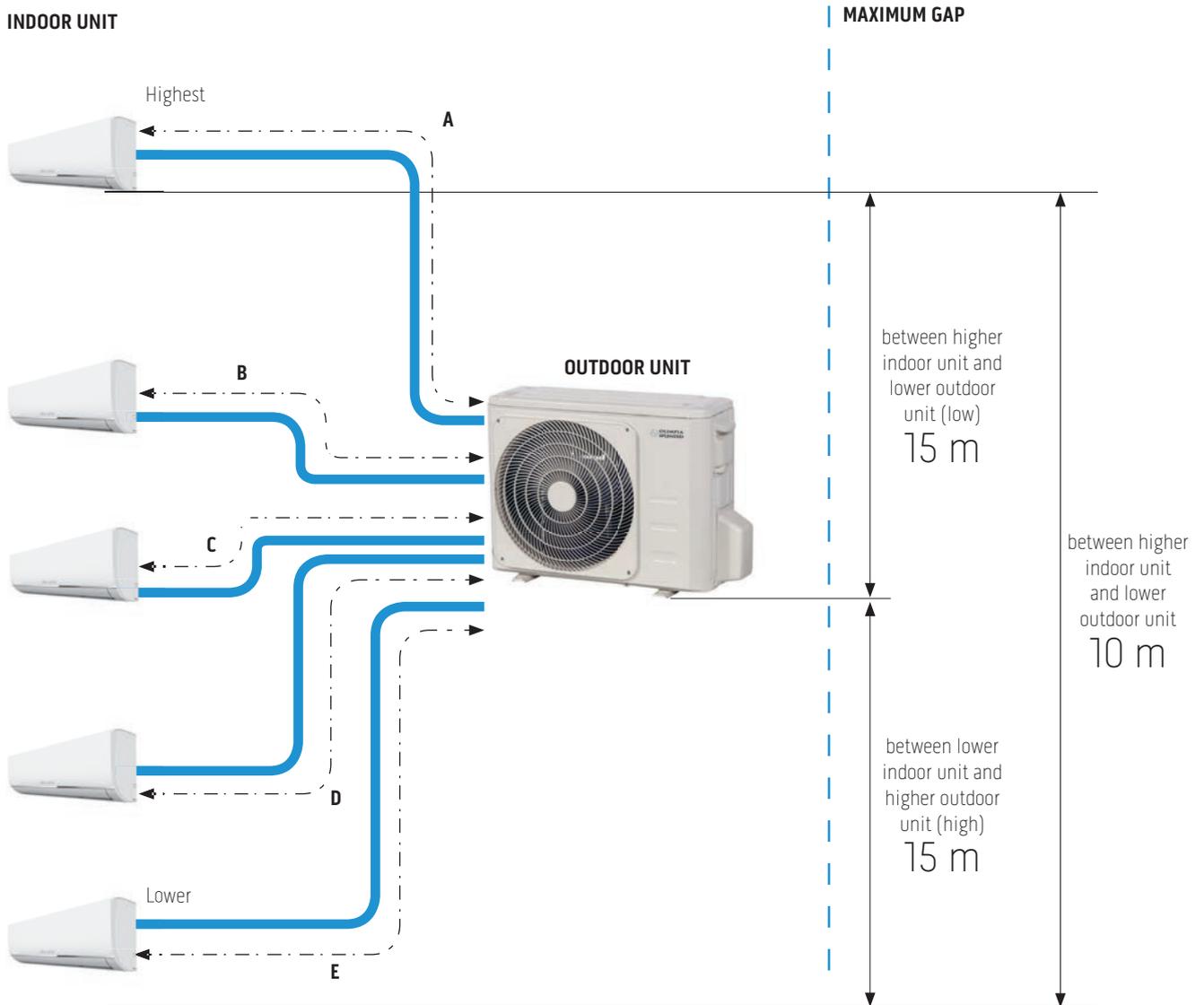
	MONO	DUAL	TRIAL	QUADRI	PENTA
Maximum distance single pipe Indoor Unit - Outdoor Unit	25 m	25 m	30 m	35 m	35 m
Total length A+B+C+D+E	-	40 m	60 m	80 m	80 m
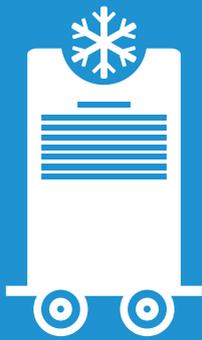
PORTABLE **A**IR **C**ONDITIONERS

DOLCECLIMA® compact 8 P

DOLCECLIMA COMPACT 8 P   Cod. 01913

FEATURES

Nominal cooling capacity: 2,1 kW[1]
Energy Class: **A**
Sound power: dB (A)63
Rated energy efficiency index: EER 2.7[1]
Refrigerant gas: R290
No tank: automatic condensation disposal
Multifunction remote control
LCD Display
Timer 12h
Practical side handles
Wheels

FUNCTIONS

Fan mode:
Adjustable 2 fan speed. Fan only mode is also available.

Dehumidification mode

Auto mode: automatic operation which regulates cooling in relation to the ambient temperature to optimize energy consumption.

Sleep mode: gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

Turbo mode:
Maximum fan speed.
Extra cool.

Italian Design by
Sebastiano Ercoli & Alessandro Garlandini

COMPACT TECHNOLOGY
Space savings: only 70 cm height and 35 cm width.

REMOTE CONTROL
User-friendly remote control. Quick and easy set of all functions.

ROTATING CASTORS
Practical rotating castors for easier transferring.

NATURAL REFRIGERANT - R290
The natural refrigerant with the lowest impact on global warming (GWP = 3)

(1) In accordance with regulation EN14511

OLIMPIA SPLENDID
HOME OF COMFORT

PRELIMINARY DATA

			DOLCECLIMA COMPACT 8 P
Product code			01913
EAN code			8021183019131
Rated output power for cooling (1)	P rated	kW	❄ 2,1 ▸
Rated power input for cooling (1)	PEER	kW	0,76
Nominal absorption in cooling mode (1)		A	3,30
Rated efficiency energy ratio (1)	EERd		2,7
Energy Efficiency Class in cooling mode (1)			A ▸
Thermostat off mode power consumption	POFF	W	1
Standby mode power consumption (EN 62301)	PSB	W	0,5
Hourly electricity consumption for single duct (1) cooling mode	QSD	kWh/h	0,76
Power supply		V-F-Hz	220-240-1-50
Power supply min / max		V	198 / 264
Power absorption in cooling mode (1)		W	960
Maximum absorption in cooling mode (1)		A	5,00
Max. Dehumidification capacity (2)		l/h	1,8
Air flow (max/med/min)		m³/h	319 / 213
Fan speeds			2
Flexible pipe (lenght x diameter)		mm	1500 x 150
Maximun remote control range (distance / angle)		m / °	8 / ±80°
Dimensions (W x D x H) (without packaging)		mm	345 x 355 x 703
Dimensions (W x D x H) (with packaging)		mm	390 x 400 x 880
Weight (without packing)		kg	22,5
Weight (with packing)		kg	26
Sound pressure level		dB(A) min-max	47 - 52,5
Sound power level (indoor only) (EN 12102)	LWA	dB(A)	🔊 63 ▸
Protection level			IP 10
Refrigerant gas*		Type	R290
Global warming potential of refrigerant	GWP	kgCO2 eq.	3
Refrigerant gas charge		kg	0,13
Maximum operating pressure		MPa	2,6
Maximum operating pressure (low pressure side)		MPa	1,00

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 32°C
	Minimum temperature in cooling	DB 17°C
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB 18°C - WB 16°C

(1) Test conditions: data refers to regulation EN14511
(2) Test conditions :30/27.1°C (DB/WB) drying mode.
*Hermetically sealed equipment
Is included a flexible duct to exhaust the air (ø 150 mm, lenght 1,5 m)

DOLCECLIMA® **compact 9 P**

DOLCECLIMA COMPACT 9 P   Cod. 01914

FEATURES

Nominal cooling capacity: 2,34 kW[1]
Energy Class: **A**
Sound power: dB (A)62
Rated energy efficiency index: EER 2.6[1]
Refrigerant gas: R290
No tank: automatic condensation disposal
Multifunction remote control
LCD Display
Timer 12h
Practical side handles
Wheels

FUNCTIONS

Fan mode:
Adjustable 2 fan speed. Fan only mode is also available.

Dehumidification mode

Auto mode: automatic operation which regulates cooling in relation to the ambient temperature to optimize energy consumption.

Sleep mode: gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

Turbo mode:
Maximum fan speed.
Extra cool.

Italian Design by
Sebastiano Ercoli & Alessandro Garlandini

COMPACT TECHNOLOGY
Space savings: only 70 cm height and 35 cm width.

REMOTE CONTROL
User-friendly remote control. Quick and easy set of all functions.

ROTATING CASTORS
Practical rotating castors for easier transferring.

NATURAL REFRIGERANT - R290
The natural refrigerant with the lowest impact on global warming (GWP = 3)

(1) In accordance with regulation EN14511

PRELIMINARY DATA

			DOLCECLIMA COMPACT 9 P
Product code			01914
EAN code			8021183019148
Rated output power for cooling (1)	P rated	kW	❄ 2,34
Rated power input for cooling (1)	PEER	kW	0,90
Nominal absorption in cooling mode (1)		A	4,10
Rated efficiency energy ratio (1)	EERd		2,6
Energy Efficiency Class in cooling mode (1)			A
Thermostat off mode power consumption	POFF	W	1
Standby mode power consumption (EN 62301)	PSB	W	0,5
Hourly electricity consumption for single duct (1) cooling mode	QSD	kWh/h	0,9
Power supply		V-F-Hz	220-240-1-50
Power supply min / max		V	198 / 264
Power absorption in cooling mode (1)		W	1100
Maximum absorption in cooling mode (1)		A	5,80
Max. Dehumidification capacity (2)		l/h	2,14
Air flow (max/med/min)		m³/h	286 / 194
Fan speeds			2
Flexible pipe (lenght x diameter)		mm	1500 x 150
Maximun remote control range (distance / angle)		m / °	8 / ±80°
Dimensions (W x D x H) (without packaging)		mm	345 x 355 x 703
Dimensions (W x D x H) (with packaging)		mm	390 x 400 x 880
Weight (without packing)		kg	25,5
Weight (with packing)		kg	28,1
Sound pressure level		dB(A) min-max	47 - 52
Sound power level (indoor only) (EN 12102)	LWA	dB(A)	🔊 62
Protection level			IP 10
Refrigerant gas*		Type	R290
Global warming potential of refrigerant	GWP	kgCO2 eq.	3
Refrigerant gas charge		kg	0,15
Maximum operating pressure		MPa	2,6
Maximum operating pressure (low pressure side)		MPa	1,0

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 32°C
	Minimum temperature in cooling	DB 16°C
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB 18°C - WB 16°C

(1) Test conditions: data refers to regulation EN14511
(2) Test conditions :30/27.1°C (DB/WB) drying mode.
*Hermetically sealed equipment
Is included a flexible duct to exhaust the air (ø 150 mm, lenght 1,5 m)

DOLCECLIMA® **compact 10 P**

DOLCECLIMA COMPACT 10 P   Cod. 01921

FEATURES

Nominal cooling capacity: 2,64 kW[1]
Energy Class: **A**
Sound power: 🔊 dB (A)63
Rated energy efficiency index: EER 2.6[1]
Refrigerant gas: R290
No tank: automatic condensation disposal
Multifunction remote control
LCD Display
Timer 12h
Practical side handles
Wheels

FUNCTIONS

Fan mode:
Adjustable 2 fan speed. Fan only mode is also available.

Dehumidification mode

Auto mode: automatic operation which regulates cooling in relation to the ambient temperature to optimize energy consumption.

Sleep mode: gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

Turbo mode:
Maximum fan speed.
Extra cool.

Italian Design by
Sebastiano Ercoli & Alessandro Garlandini

COMPACT TECHNOLOGY
Space savings: only 70 cm height and 35 cm width.

REMOTE CONTROL
User-friendly remote control. Quick and easy set of all functions.

ROTATING CASTORS
Practical rotating castors for easier transferring.

NATURAL REFRIGERANT - R290
The natural refrigerant with the lowest impact on global warming (GWP = 3)

(1) In accordance with regulation EN14511

PRELIMINARY DATA

			DOLCECLIMA COMPACT 10 P
Product code			01921
EAN code			8021183019216
Rated output power for cooling (1)	P rated	kW	❄ 2,64
Rated power input for cooling (1)	PEER	kW	1,00
Nominal absorption in cooling mode (1)		A	4,35
Rated efficiency energy ratio (1)	EERd		2,6
Energy Efficiency Class in cooling mode (1)			A
Thermostat off mode power consumption	POFF	W	1
Standby mode power consumption (EN 62301)	PSB	W	0,5
Hourly electricity consumption for single duct (1) cooling mode	QSD	kWh/h	1,0
Power supply		V-F-Hz	220-240-1-50
Power supply min / max		V	198 / 264
Power absorption in cooling mode (1)		W	1280
Maximum absorption in cooling mode (1)		A	6,22
Max. Dehumidification capacity (2)		l/h	2,12
Air flow (min/med/ max)		m³/h	295/0/195
Fan speeds			2
Flexible pipe (lenght x diameter)		mm	1500 x 150
Maximun remote control range (distance / angle)		m / °	8 / ±80°
Dimensions (W x D x H) (without packaging)		mm	345 x 355 x 703
Dimensions (W x D x H) (with packaging)		mm	390 x 400 x 880
Weight (without packing)		kg	25,3
Weight (with packing)		kg	28,1
Sound pressure level		dB(A) min-max	47 - 52
Sound power level (indoor only) (EN 12102)	LWA	dB(A)	🔊 63
Protection level			IP 10
Refrigerant gas*		Type	R290
Global warming potential of refrigerant	GWP	kgCO2 eq.	3
Refrigerant gas charge		kg	0,17
Maximum operating pressure		MPa	2,6
Maximum operating pressure (low pressure side)		MPa	1,0

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 32°C
	Minimum temperature in cooling	DB 16°C
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB 18°C - WB 16°C

(1) Test conditions: data refers to regulation EN14511
(2) Test conditions :30/27.1°C (DB/WB) drying mode.
*Hermetically sealed equipment
Is included a flexible duct to exhaust the air (ø 150 mm, lenght 1,5 m)

DOLCECLIMA® silent 10 P

DOLCECLIMA SILENT 10 P Code 01920

FEATURES

Nominal cooling capacity: 2,6 kW[2]
Energy Class: **A**
Sound power: dB (A)63
Rated energy efficiency index: EER 2,8[2]
Refrigerant gas: R290
No tank: automatic condensation disposal
Multifunction remote control
LCD Display
Timer 12h
Practical side handles
Wheels

FUNCTIONS

Fan mode:
Adjustable 3 fan speed. Fan only mode is also available.

Dehumidification mode

Auto mode: automatic operation which regulates cooling in relation to the ambient temperature to optimize energy consumption.

Sleep mode: gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

Turbo mode:
Maximum fan speed.
Extra cool.

SILENT SYSTEM
Up to 10%[1] quieter at minimum speed.

REMOTE CONTROL
User-friendly remote control. Quick and easy set of all functions.
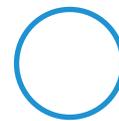
TOTAL WHITE DESIGN
Essential design with white nuances, to perfectly fit in every home environment.

GOODNIGHT SLEEP

ADVANCED CONTROL WITH TOUCH DISPLAY
The latest technology aimed to optimize all available features.

BLUE AIR TECHNOLOGY

BLUE AIR TECHNOLOGY

min. fan speed

max. fan speed

PORTABLE TRADITIONAL

NATURAL REFRIGERANT - R290
The natural refrigerant with the lowest impact on global warming (GWP = 3)

NATURAL REFRIGERANT R290
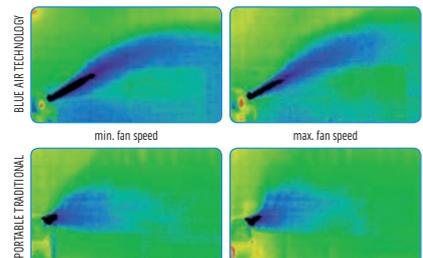
(1) Internal laboratory tests on traditional Olimpia Splendid range
(2) In accordance with regulation EN14511

PRELIMINARY DATA

			DOLCECLIMA® SILENT 10 P
Product code			01920
EAN code			8021183019209
Rated output power for cooling (1)	P rated	kW	❄ 2,6 ▶
Rated power input for cooling (1)	PEER	kW	0,90
Nominal absorption in cooling mode (1)		A	4,00
Rated efficiency energy ratio (1)	EERd		2,8
Energy Efficiency Class in cooling mode (1)			A ▶
Thermostat off mode power consumption	POFF	W	1
Standby mode power consumption (EN 62301)	PSB	W	0,5
Hourly electricity consumption for single duct (1) cooling mode	QSD	kWh/h	0,90
Power supply		V-F-Hz	220-240-1-50
Power supply (min-max)		V	198 / 264
Power absorption in cooling mode (1)		W	1100
Maximum absorption in cooling mode (1)		A	5,60
Max. Dehumidification capacity (3)		l/h	1,5
Air flow (max)		m³/h	355
Fan speeds			3
Flexible pipe (lenght x diameter)		mm	1500 x 120
Maximun remote control range (distance / angle)		m / °	8 / ±80°
Dimensions (W x H x D) (without packaging)		mm	396 x 762 x 460
Dimensions (W x H x D) (with packaging)		mm	460 x 860 x 496
Weight (without packing)		Kg	28,0
Weight (with packing)		Kg	32,8
Sound power level (indoor only) (EN 12102)	LWA	dB(A)	🔊 63 ▶
Sound pressure level (min-max) (2)		dB(A)	38-48
Protection level			IP 10
Refrigerant gas*		Type	R290
Global warming potential of refrigerant	GWP	kgCO2 eq.	3
Refrigerant gas charge		kg	0,23
Maximum operating pressure		MPa	12
Minimum flor area for installation, use and storage		MPa	2,60
Power cable (N° pole x section mm²)			3 x 1,0 / VDE
Fuse			10AT

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 32°C
	Minimum temperature in cooling	DB 17°C
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB 18°C - WB 16°C

(1) Test conditions: data refers to regulation EN14511
(2) Declaration of test date in semi anechoic chamber at a distance of 2m, low fan only
(3) Test conditions: 30/27.1°C (DB/WB) in dehumidification mode.
*Hermetically sealed equipment
Is included a flexible duct to exhaust the air (ø 120 mm, lenght 1,5 m)

DOLCECLIMA® silent 12 P

DOLCECLIMA SILENT 12 P Code 01919

FEATURES

Nominal cooling capacity: 2,7 kW[2]
Energy Class: **A**
Sound power: dB (A)64
Rated energy efficiency index: EER 2,8[2]
Refrigerant gas: R290
No tank: automatic condensation disposal
Multifunction remote control
LCD Display
Timer 12h
Practical side handles
Wheels

FUNCTIONS

Fan mode:
Adjustable 2 fan speed. Fan only mode is also available.

Dehumidification mode

Auto mode: automatic operation which regulates cooling in relation to the ambient temperature to optimize energy consumption.

Sleep mode: gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

Turbo mode:
Maximum fan speed.
Extra cool.

METALLIC FINISHING
Elegant finishing touch with silver metallic painting.

ADVANCED CONTROL WITH TOUCH DISPLAY
The latest technology aimed to optimize all available features.

REMOTE CONTROL
User-friendly remote control. Quick and easy set of all functions.

SILENT SYSTEM
Up to 10%[1] quieter at minimum speed,.

NATURAL REFRIGERANT - R290
The natural refrigerant with the lowest impact on global warming (GWP = 3)

BLUE AIR TECHNOLOGY

BLUE AIR TECHNOLOGY

min. fan speed

max. fan speed

PORTABLE TRADITIONAL
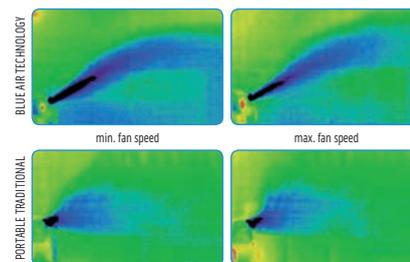
(1) Internal laboratory tests on traditional Olimpia Splendid range
(2) In accordance with regulation EN14511

PRELIMINARY DATA

			DOLCECLIMA® SILENT 12 P
Product code			01919
EAN code			8021183019193
Rated output power for cooling (1)	P rated	kW	❄ 2,7
Rated power input for cooling (1)	PEER	kW	1,01
Nominal absorption in cooling mode (1)		A	4,50
Rated efficiency energy ratio (1)	EERd		2,8
Energy Efficiency Class in cooling mode (1)			A
Thermostat off mode power consumption	POFF	W	1
Standby mode power consumption (EN 62301)	PSB	W	0,5
Hourly electricity consumption for single duct (1) cooling mode	QSD	kWh/h	1,01
Power supply		V-F-Hz	220/240-1-50
Power supply min / max		V	198 / 264
Power absorption in cooling mode (1)		W	1200
Maximum absorption in cooling mode (1)		A	6,40
Max. Dehumidification capacity (3)		l/h	2,0
Air flow (max/med/min)		m³/h	410 / 345 / 255
Fan speeds			3
Flexible pipe (lenght x diameter)		mm	1500 x 120
Maximun remote control range (distance / angle)		m / °	8 / ±80°
Dimensions (W x H x D) (without packaging)		mm	396 x 762 x 460
Dimensions (W x H x D) (with packaging)		mm	460 x 860 x 496
Weight (without packing)		Kg	28,5
Weight (with packing)		Kg	32,5
Sound power level (indoor only) (EN 12102)	LWA	dB(A)	🔊 64
Sound pressure level (min-max) (2)		dB(A)	38-48
Protection level			IP 10
Refrigerant gas*		Type	R290
Global warming potential of refrigerant	GWP	kgCO2 eq.	3
Refrigerant gas charge		kg	0,24
Maximum operating pressure		MPa	2,60
Maximum operating pressure suction side		MPa	1,00
Power cable (N° pole x section mm²)			3 x 1,5
Fuse			10AT

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 32°C
	Minimum temperature in cooling	DB 16°C
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB 18°C - WB 16°C

(1) Test conditions: data refers to regulation EN14511
(2) Declaration of test date in semi anechoic chamber at a distance of 2m, low fan only
(3) Test conditions: 30/27.1°C (DB/WB) in dehumidification mode.
*Hermetically sealed equipment
Is included a flexible duct to exhaust the air (ø 120 mm, lenght 1,5 m)

DOLCECLIMA® 12 hp P

DOLCECLIMA 12 HP P   Code 01922

FEATURES

Nominal cooling capacity: 2,7 kW[1]
Energy Class: **A** / in heating **A+**
Sound power: dB (A)64
Rated energy efficiency index: EER 2,8[1]
Rated coefficient of performance: COP 2,9[1]
Refrigerant gas: R290
Multifunction remote control
LCD Display
Timer 12h
Practical side handles
Wheels

FUNCTIONS

Fan mode:
Adjustable 2 fan speed. Fan only mode is also available.

Dehumidification mode

Auto mode: automatic operation which regulates cooling in relation to the ambient temperature to optimize energy consumption.

Sleep mode: gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

Turbo mode:
Maximum fan speed.
Extra cool.

A+

HIGH EFFICIENCY TECHNOLOGY
Energy Class A+ in heating mode.[1]

REMOTE CONTROL
User-friendly remote control. Quick and easy set of all functions.

HEAT PUMP MODE
Replace or support your heating system (a condensate drain piping is mandatory in heat pump mode).

ADVANCED CONTROL WITH TOUCH DISPLAY
The latest technology aimed to optimize all available features.

NATURAL REFRIGERANT - R290
The natural refrigerant with the lowest impact on global warming (GWP = 3)

BLUE AIR TECHNOLOGY

BLUE AIR TECHNOLOGY

min. fan speed

max. fan speed

PORTABLE TRADITIONAL
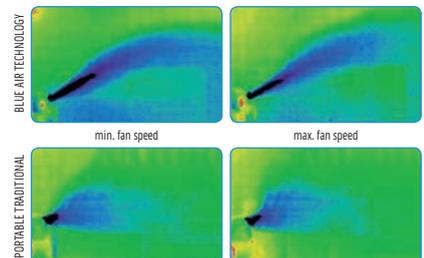
(1) In accordance with regulation EN14511
hermetically sealed equipment containing fluorinated gas

PRELIMINARY DATA

			DOLCECLIMA® 12 HP P
Product code			01922
EAN code			8021183019223
Rated output power for cooling (1)	P rated	kW	❄ 2,7
Rated output power for heating (1)	P rated	kW	☀ 2,34
Rated power input for cooling (1)	PEER	kW	1,01
Nominal absorption in cooling mode (1)		A	4,50
Rated power input for heating (1)	PCOP	kW	0,90
Nominal absorption in heating mode (1)		A	4,00
Rated efficiency energy ratio (1)	EERd		2,8
Rated Coefficient of performance (1)	COPrated		2,9
Energy Efficiency Class in cooling mode (1)			A
Energy Efficiency Class in heating mode (1)			A+
Thermostat off mode power consumption	POFF	W	1
Standby mode power consumption (EN 62301)	PSB	W	0,5
Hourly electricity consumption for single duct (1) cooling mode	QSD	kWh/h	1,01
Hourly electricity consumption for single duct (1) heating mode	QSD	kWh/h	0,90
Power supply		V-F-Hz	220/240-1-50
Power supply min / max		V	198 / 264
Power absorption in cooling mode (1)		W	1200
Maximum absorption in cooling mode (1)		A	6,4
Power absorption in heating mode (1)		W	1200
Maximum absorption in heating mode (1)		A	6,4
Dehumidification capacity (3)		l/h	2,0
Fan speeds			3
Flexible pipe (lenght x diameter)		mm	1500 x 120
Maximun remote control range (distance / angle)		m / °	8 / ±80°
Dimensions (W x H x D) (without packaging)		mm	396 x 762 x 460
Dimensions (W x H x D) (with packaging)		mm	460 x 860 x 496
Weight (without packing)		kg	30,0
Weight (with packaging)		kg	34,3
Sound pressure level (2) (min-max)		dB(A)	38-49
Sound power level (indoor only) (EN 12102)	LWA	dB(A)	🔊 64
Refrigerant gas		Type	R290
Global warming potential of refrigerant	GWP	kgCO2 eq.	3
Lower flamability limit	LFL	kg/m3	0,038
Refrigerant gas charge		kg	0,24
Minimum flor area for installation, use and storage		m²	12
Maximum operating pressure		MPa	2,60
Maximum operating pressure (low pressure side)		MPa	1,00
Power cable (N° pole x section mmq)			3 x 1,5 VDE
Fuse			10AT

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 32°C
	Minimum temperature in cooling	DB 17°C
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB 18°C - WB 16°C

(1) Test conditions: data refers to regulation EN14511
(2) Declaration of test date in semi anechoic chamber at a distance of 2m, low fan only
(3) Test conditions: 30/27.1°C (DB/WB) in dehumidification mode.
*Hermetically sealed equipment
Is included a flexible duct to exhaust the air (ø 120 mm, lenght 1,5 m)

DOLCECLIMA® **Air Pro 13** A+

DOLCECLIMA AIR PRO 13 A+   Cod. 01916

FEATURES

Nominal cooling capacity: 2,93 kW[2]
Energy Class: **A+**
Sound power: dB (A) 62
Rated energy efficiency index: EER 3,1[2]
Refrigerant gas: R290
Multifunction remote control
LCD Display
Practical side handles
Wheels
Motorized flap

FUNCTIONS

Dehumidification only function
Eco function: adjusts cooling on the basis of room temperature in order to optimise energy consumption.
Turbo Function: maximum fan speed at the lowest set-point.
Silent Function: minimum fan speed to reduce noise
Blue Air/Auto Function: automatic fan speed for excellent air flow management.
Timer Function: 24 hours timeframe to start or stop settings.

Design by EMO DESIGN

SILENT SYSTEM
Up to 10%[1] quieter at minimum speed.

A+
HIGH EFFICIENCY TECHNOLOGY
Energy Class A+. Up to 15% energy saving [1]

DESIGNED IN ITALY
Hi-tech goes hand in hand with Made in Italy design.

ADVANCED CONTROL WITH TOUCH DISPLAY
The latest technology aimed to optimize all available features.

MOVING FLAP
Enjoy the best comfort experience thanks to the air flow management function.

NATURAL REFRIGERANT - R290
The natural refrigerant with the lowest impact on global warming (GWP = 3)

(1) Internal laboratory tests on traditional Olimpia Splendid range
(2) In accordance with regulation EN14511

OLIMPIA SPLENDID
HOME OF COMFORT

HYDRONIC SYSTEMS

AIR CONDITIONING

AIR TREATMENT

HEATING

			DOLCECLIMA® AIR PRO 13 A+
product code			01916
EAN code			8021183019162
Rated output power for cooling (1)	Prated	kW	❄ 2,93
Rated power input for cooling (1)	PEER	kW	0,95
Nominal absorption in cooling mode (1)		A	4,5
Rated efficiency energy ratio (1)	EERrated		3,1
Energy Efficiency Class in cooling mode (1)			A+
Off mode power consumption (ON-OFF switch)		W	0,5
Thermostat off mode power consumption	PTO	W	1
Standby mode power consumption (EN 62301)	PSB	W	0,5
Hourly electricity consumption for single duct (1) cooling mode	QSD	kWh/h	0,9
Power supply		V-F-Hz	220/240-1-50
Power supply min / max		V	198 / 264
Power absorption in cooling mode (1)		W	1150
Maximum absorption in cooling mode (1)		A	6
Max. Dehumidification capacity (2)		l/h	3,0
Room air volume (max/med/min)		m³/h	420 / 370 / 355
Fan speeds			3
Flexible pipe (lenght x diameter)		mm	1500 x 150
Maximun remote control range (distance / angle)		m / °	8 / ±80°
Dimensions (W x H x D) (without packaging)		mm	490 x 765 x 425
Dimensions (W x H x D) (with packaging)		mm	535 x 890 x 487
Weight (without packing)		kg	32
Weight (with packaging)		kg	37
Sound pressure level (1)		dB(A) min-max	50-52
Sound power level (indoor only) (EN 12102)	LWA	dB(A)	🔊 62
Refrigerant gas*		Tipo-Type	R290
Global warming potential of refrigerant	GWP	kgCO2 eq.	3
Refrigerant gas charge		kg	0,20
Maximum operating pressure		MPa	2,60
Power cable (N° pole x section mmq)			3 x 1,5
Fuse			10AT
Conformity mark			CE

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 32°C
	Minimum temperature in cooling	DB 16°C
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB 18°C - WB 16°C

(1) Test conditions: data refers to regulation EN14511
(2) Test conditions :30/27.1°C (DB/WB) drying mode.
*Hermetically sealed equipment
Is included a flexible duct to exhaust the air (ø 150 mm, lenght 1,5 m)

DOLCECLIMA® Air Pro 14

DOLCECLIMA AIR PRO 14   Cod. 01917

FEATURES

Nominal cooling capacity: 3,52 kW[2]
Energy Class: **A**
Sound power: ◀ dB (A) 63 ▶
Rated energy efficiency index: EER 2,6[2]
Refrigerant gas: R290
Multifunction remote control
LCD Display
Practical side handles
Wheels
Motorized flap

FUNCTIONS

Dehumidification only function

Eco function: adjusts cooling on the basis of room temperature in order to optimise energy consumption.

Turbo Function: maximum fan speed at the lowest set-point.

Silent Function: minimum fan speed to reduce noise

Blue Air/Auto Function: automatic fan speed for excellent air flow management.

Timer Function: 24 hours timeframe to start or stop settings.

Design by EMO DESIGN

SILENT SYSTEM
Up to 10%[1] quieter at minimum speed.

PRO POWER
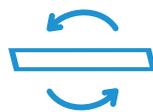Super cooling power up to 3.5 kW.

DESIGNED IN ITALY
Hi-tech goes hand in hand with Made in Italy design.

ADVANCED CONTROL WITH TOUCH DISPLAY
The latest technology aimed to optimize all available features.

MOVING FLAP
Enjoy the best comfort experience thanks to the air flow management function.

NATURAL REFRIGERANT - R290
The natural refrigerant with the lowest impact on global warming (GWP = 3)

(1) Internal laboratory tests on traditional Olimpia Splendid range
(2) In accordance with regulation EN14511

product name			DOLCECLIMA® AIR PRO 14
product code			01917
EAN code			8021183019179
Rated output power for cooling (1)	Prated	kW	❄ 3,52 ▶
Rated power input for cooling (1)	PEER	kW	1,35
Nominal absorption in cooling mode (1)		A	5,9
Rated efficiency energy ratio (1)	EERrated		2,6
Energy Efficiency Class in cooling mode (1)			A ▶
Off mode power consumption (ON-OFF switch)		W	0,5
Thermostat off mode power consumption	PTO	W	1
Standby mode power consumption (EN 62301)	PSB	W	0,5
Hourly electricity consumption for single duct (1) cooling mode	QSD	kWh/h	1,35
Power supply		V-F-Hz	220/240-1-50
Power supply min / max		V	198 / 264
Power absorption in cooling mode (1)		W	1600
Maximum absorption in cooling mode (1)		A	8,0
Max. Dehumidification capacity (2)		l/h	3,5
Room air volume (max/med/min)		m³/h	420 / 370 / 355
Fan speeds			3
Flexible pipe (lenght x diameter)		mm	1500 x 150
Maximun remote control range (distance / angle)		m / °	8 / ±80°
Dimensions (W x H x D) (without packaging)		mm	490 x 765 x 425
Dimensions (W x H x D) (with packaging)		mm	535 x 890 x 487
Weight (without packing)		kg	34
Weight (with packaging)		kg	38
Sound pressure level (1)		dB(A) min-max	50.5 / 51 / 52
Sound power level (indoor only) (EN 12102)	LWA	dB(A)	🔊 63 ▶
Refrigerant gas*		Tipo-Type	R290
Global warming potential of refrigerant	GWP	kgCO2 eq.	3
Refrigerant gas charge		kg	0,22
Maximum operating pressure		MPa	2,60
Power cable (N° pole x section mmq)			3 x 1,5
Fuse			10AT
Conformity mark			CE

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 32°C
	Minimum temperature in cooling	DB 16°C
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB 18°C - WB 16°C

(1) Test conditions: data refers to regulation EN14511
(2) Test conditions :30/27.1°C (DB/WB) drying mode.
*Hermetically sealed equipment
Is included a flexible duct to exhaust the air (ø 150 mm, lenght 1,5 m)

DOLCECLIMA® **Air Pro 14** HP

DOLCECLIMA AIR PRO 14 HP Cod. 01918

FEATURES

Nominal cooling capacity: 3,5 kW[2]
Energy Class: **A** / in heating **A+**
Sound power: dB (A) 64
Rated energy efficiency index: EER 2,6[2]
Rated coefficient of performance: COP 2,8[1]
Refrigerant gas: R290
Multifunction remote control
LCD Display
Practical side handles
Wheels
Motorized flap

FUNCTIONS

Dehumidification only function
Eco function: adjusts cooling on the basis of room temperature in order to optimise energy consumption.
Turbo Function: maximum fan speed at the lowest set-point.
Silent Function: minimum fan speed to reduce noise
Blue Air/Auto Function: automatic fan speed for excellent air flow management.
Timer Function: 24 hours timeframe to start or stop settings.

Design by EMO DESIGN

SILENT SYSTEM
Up to 10%[1] quieter at minimum speed.

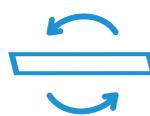### PRO POWER
Super cooling power up to 3.5 kW.

DESIGNED IN ITALY
Hi-tech goes hand in hand with Made in Italy design.

ADVANCED CONTROL WITH TOUCH DISPLAY
The latest technology aimed to optimize all available features.

MOVING FLAP
Enjoy the best comfort experience thanks to the air flow management function.

HEAT PUMP MODE
Replace or support your heating system (a condensate drain piping is mandatory in heat pump mode).

NATURAL REFRIGERANT - R290
The natural refrigerant with the lowest impact on global warming (GWP = 3)

(1) Internal laboratory tests on traditional Olimpia Splendid range
(2) In accordance with regulation EN14511

product name			DOLCECLIMA® AIR PRO 14 HP
product code			01918
EAN code			8021183019186
Rated output power for cooling (1)	Prated	kW	❄ 3,5
Rated output power for heating (2)	Prated	kW	☀ 2,9
Rated power input for cooling (1)	PEER	kW	1,35
Nominal absorption in cooling mode (1)		A	5,90
Rated power input for heating (2)	PCOP	kW	1,05
Nominal absorption in heating mode (2)		A	5,00
Rated efficiency energy ratio (1)	EERrated		2,6
Rated Coefficient of performance (2)	COPrated		2,8
Energy Efficiency Class in cooling mode (1)			A
Energy Efficiency Class in heating mode (2)			A+
Off mode power consumption (ON-OFF switch)		W	0,5
Thermostat off mode power consumption	PTO	W	1
Standby mode power consumption (EN 62301)	PSB	W	0,5
Hourly electricity consumption for single duct (1) cooling mode	QSD	kWh/h	1,35
Hourly electricity consumption for single duct (2) heating mode	QSD	kWh/h	0,5
Power supply		V-F-Hz	220/240-1-50
Power supply min / max		V	198 / 264
Power absorption in cooling mode		W	1600
Maximum absorption in cooling mode		A	8,0
Maximum Power absorption in heating mode (3)		W	1600
Maximum absorption in heating mode (3)		A	8,0
Max. Dehumidification capacity (5)		l/h	3,3
Room air volume (max/med/min)		m³/h	420 / 370 / 355
Fan speeds			3
Flexible pipe (lenght x diameter)		mm	1500 x 150
Maximun remote control range (distance / angle)		m / °	8 / ±80°
Dimensions (W x H x D) (without packaging)		mm	490 x 765 x 425
Dimensions (W x H x D) (with packaging)		mm	535 x 890 x 487
Weight (without packing)		kg	35
Weight (with packaging)		kg	38
Sound pressure level (4)		dB(A) min-max	54 / 54.3 / 54.5
Sound power level (indoor only) (EN 12102)	LWA	dB(A)	🔊 64
Protection level			IPX0
Refrigerant gas*		Tipo-Type	R290
Global warming potential of refrigerant	GWP	kgCO2 eq.	3
Refrigerant gas charge		kg	0,23
Maximum operating pressure		MPa	2,60
Power cable (N° pole x section mmq)			3 x 1,5
Fuse			10AT
Conformity mark			CE

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 32°C
	Minimum temperature in cooling	DB 16°C
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB 18°C - WB 16°C

(1) Rated output power for cooling , EER, Hourly consumption, Energy efficiency class tests (EN 14511)
(2) Rated output power for heating , COP, Hourly consumption, Energy efficiency class tests (EN 14511)
(3) High load test and maximum capacity in heating mode
(4) Test conditions: data refers to regulation EN14511
(5) Test conditions: 30 °C DB - 80% UR dry mode
*Hermetically sealed equipment
Is included a flexible duct to exhaust the air (ø 150 mm, lenght 1,5 m)

OLIMPIA SPLENDID
HOME OF COMFORT

HYDRONIC SYSTEMS

AIR CONDITIONING

AIR TREATMENT

HEATING

AIR **C**OOLERS

PELER **4E**
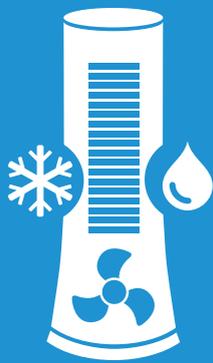
FEATURES

Max absorbed power: 75 W
Air flow (max): 400 m³/h
Max air speed: 5,8 m/s
Max power noise level: 63 dB (A)
Water tank capacity: 3,5 l
Practical wheels
Horizontal swing air flow
Remote control
Timer 1-2-4 h
Handle
3 power setting
Multifunction control panel
Antidust filter

COMPACTNESS
Compact, space-saving design.

REMOTE CONTROL
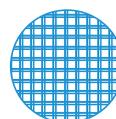
FILTER
Washable fabric Antidust filter.

SILENT SYSTEM

		PELER 4E
Product code		99429
EAN code		8021183994292
Power supply	V/ph/Hz	220-240 / 1 / 50 - 60
Maximum power absorption	W	75
Stand-by power consumption	W	0,5
Fan speeds	n	3
Air volume (maximum)	m^3/h	400
Air speed (maximum)	m/s	5,8
Sound pressure level (1)	dB (A)	36 / 48
Maximum Sound power level (1)	dB (A)	🔊 63
Degrees of protection provided by enclosures		-
Insulation class		II
Power cable	n / mm^2	2 x 0,75
Water tank capacity	l	3,5
Evaporative sheet		honeycomb
Control panel		touch
Maximun remote control range (distance / angle)	m / °	-
Conformity Mark		CE
Certification Mark		TUV
Product size (W x H x D)	mm	240x610x300
Gift box size (W x H x D)	mm	295x610x325
Weight (without packing)	kg	4,5
Weight (with packing)	kg	5,5
Units per master box	n	-
Master size (W x H x D)	mm	-
Timer		1, 2 or 4 hours
Removable water tank		√
Oscillating function		√
Remote controller		√
Ionizer		-
Wall support		-
Power supply cable housing		-

(1) Test condition: The sound pressure level is measured in half-anechoic room far 2 meters from the front of the appliance with the microphone at 1 meter of height.
During the test, all the appliance functions are enabled with the exception of swing function (if available)

PELER 4

FEATURES

Max absorbed power: 70 W
Air flow: 558 m^3/h
Max power noise level: 62 dB (A)
Water tank capacity:: 4 l
Remote control
Ionizer
Horizontal swing air flow

SUPERSLIM DESIGN
Compact, space-saving design.

OPENABLE TANK
Easy accessible water tank.
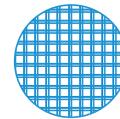
FILTER
Fabric Antidust filter.

REMOTE CONTROL
Removable remote control for more practicality

SILENT SYSTEM
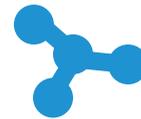
ION TECHNOLOGY
The integrated ionizer guarantees cleaner and revitalized air, by releasing negative ions which eliminate positive ones.

		PELER 4
Product code		99468
Power supply	V/ph/Hz	220-240 / 1 / 50
Maximum power absorption	W	65
Stand-by power consumption	W	0,2
Fan speeds	n	3
Air volume (maximum)	m³/h	558
Air speed (maximum)	m/s	8,2
Sound pressure level (1)	dB (A)	47 - 36
Maximum Sound power level (1)	dB (A)	🔊 62
Degrees of protection provided by enclosures		-
Insulation class		I
Power cable	n / mm²	3 x 0,75
Water tank capacity	l	4,0
Evaporative sheet		clotch
Control panel		LED
Maximun remote control range (distance / angle)	m / °	-
Conformity Mark		CE
Certification Mark		TUV Rheinland
Product size (W x H x D)	mm	292x883x308
Gift box size (W x H x D)	mm	330x945x345
Weight (without packing)	kg	5,0
Weight (with packing)	kg	5,5
Units per master box	n	-
Master size (W x H x D)	mm	-
Timer		1, 2 or 4 hours
Removable water tank		-
Oscillating function		YES of the horizontal air flow
Remote controller		√
Ionizer		√
Wall support		-
Power supply cable housing		-

(1) Test condition: The sound pressure level is measured in half-anechoic room far 2 meters from the front of the appliance with the microphone at 1 meter of height.
During the test, all the appliance functions are enabled with the exception of swing function (if available)

PELER 5

FEATURES

Max absorbed power: 50 W
Air flow (max): 400 m^3/h
Max air speed: 1,1 m/s
Max power noise level: 60 dB(A)
Water tank capacity: 5,0 l
Swing function
Removable tank
Remote control

TOWER ELONGATED DESIGN
More beautiful and practical.

REMOVABLE TANK
Easy to fill and clean.
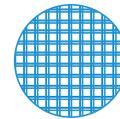
ANTIDUST FILTER
Washable Fabric Antidust filter.

REMOTE CONTROL
Removable remote control for more practicality

SILENT SYSTEM

		PELER 5
Product code		99454
Power supply	V/ph/Hz	220-240 / 1 / 50
Maximum power absorption	W	50
Stand-by power consumption	W	0,5
Fan speeds	n	3
Air volume (maximum)	m³/h	400
Air speed (maximum)	m/s	1,1
Sound pressure level (1)	dB (A)	37 - 45
Maximum Sound power level (1)	dB (A)	◀) 60
Degrees of protection provided by enclosures		-
Insulation class		II
Power cable	n / mm²	2 x 0,75
Water tank capacity	l	5,0
Evaporative sheet		cloth
Control panel		touch
Maximun remote control range (distance / angle)	m / °	6
Conformity Mark		CE
Certification Mark		Intertek - GS
Product size (W x H x D)	mm	260x959x260
Gift box size (W x H x D)	mm	310x1020x315
Weight (without packing)	kg	6,0
Weight (with packing)	kg	7,0
Units per master box	n	-
Master size (W x H x D)	mm	-
Timer		1, 2, 4 or 8 hours
Removable water tank		√
Oscillating function		YES of top column
Remote controller		√
Ionizer		-
Wall support		-
Power supply cable housing		-

(1) Test condition: The sound pressure level is measured in half-anechoic room far 2 meters from the front of the appliance with the microphone at 1 meter of height.
During the test, all the appliance functions are enabled with the exception of swing function (if available)

PELER 6E

FEATURES

Max absorbed power: 70 W
Air flow (max): 300 m³/h
Max air speed: 5,2 m/s
Max power noise level: 62 dB(A)
3 power settings
Removable tank 6 Lt
Timer 1/2/3 h
Washable fabric antidust filter
With automatic swing of the horizontal flaps
Manual adjustment of the vertical flaps
High capacity tank
Compact design

COMPACTNESS
Compact, space-saving design.

REMOVABLE TANK
Easy to fill and clean.
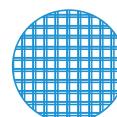
ANTIDUST FILTER
Washable Fabric Antidust filter.

SILENT SYSTEM

		PELER 6E
Product code		99428
Power supply	V/ph/Hz	220-240 / 1 / 50
Maximum power absorption	W	70
Stand-by power consumption	W	0,4
Fan speeds	n	3
Air volume (maximum)	m^3/h	300
Air speed (maximum)	m/s	5,2
Sound pressure level (1)	dB (A)	37 - 45
Maximum Sound power level (1)	dB (A)	🔊 62
Degrees of protection provided by enclosures		-
Insulation class		II
Power cable	n / mm^2	2 x 0,75
Water tank capacity	l	6,0
Evaporative sheet		honeycomb
Control panel		buttons
Maximun remote control range (distance / angle)	m / °	-
Conformity Mark		CE
Certification Mark		Intertek
Product size (W x H x D)	mm	238x683x302
Gift box size (W x H x D)	mm	286x745x340
Weight (without packing)	kg	5,4
Weight (with packing)	kg	7,0
Units per master box	n	-
Master size (W x H x D)	mm	-
Timer		1, 2, 4 or 3 hours
Removable water tank		√
Oscillating function		YES of horizontal air flow flaps
Remote controller		-
Ionizer		-
Wall support		-
Power supply cable housing		-

(1) Test condition: The sound pressure level is measured in half-anechoic room far 2 meters from the front of the appliance with the microphone at 1 meter of height.
During the test, all the appliance functions are enabled with the exception of swing function (if available)

PELER 7

FEATURES

Max absorbed power: 90 W
Air flow (max): 700 m³/h
Max air speed: 3,5 m/s
Max power noise level: 63 dB(A)
Water tank capacity: 7,0 l
Swing function
Removable water tank
Remote control
Ionizer
Honeycomb filter

REMOVABLE TANK
Easy to fill and clean.
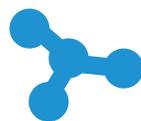
ION TECHNOLOGY
The integrated ionizer guarantees cleaner and revitalized air, by releasing negative ions which eliminate positive ones.
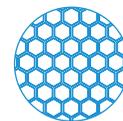
HONEYCOMB FILTER
It gives more fresh air.

REMOTE CONTROL
Removable remote control for more practicality.

SILENT SYSTEM

		PELER 7
Product code		99453
Power supply	V/ph/Hz	220-240 / 1 / 50
Maximum power absorption	W	90
Stand-by power consumption	W	0,5
Fan speeds	n	3
Air volume (maximum)	m³/h	700
Air speed (maximum)	m/s	3,5
Sound pressure level (1)	dB (A)	34 - 48
Maximum Sound power level (1)	dB (A)	🔊 63
Degrees of protection provided by enclosures		-
Insulation class		II
Power cable	n / mm²	2 x 0,75
Water tank capacity	l	7,0
Evaporative sheet		honeycomb
Control panel		touch
Maximun remote control range (distance / angle)	m / °	6
Conformity Mark		CE
Certification Mark		Intertek - GS
Product size (W x H x D)	mm	267x809x333
Gift box size (W x H x D)	mm	310x865x380
Weight (without packing)	kg	7,5
Weight (with packing)	kg	8,5
Units per master box	n	-
Master size (W x H x D)	mm	-
Timer		0,5 to 7,5 hours
Removable water tank		√
Oscillating function		YES of the air flow
Remote controller		√
Ionizer		√
Power off switch		√
Power supply cable housing		√

(1) Test condition: The sound pressure level is measured in half-anechoic room far 2 meters from the front of the appliance with the microphone at 1 meter of height.
During the test, all the appliance functions are enabled with the exception of swing function (if available)

PELER 20

FEATURES

Max absorbed power: 110 W
Air flow (max): 600 m³/h
Max air speed: 9 m/s
Max power noise level dB (A): 🔊 60
4 air flow speed
Back housing for slim remote control
1- 2- 4 - 8 hours timer
Anti-dust filter
Handy wheels for transportation
Cable reel

20 L TANK WITH FILLING FROM ABOVE OR BELOW
Large 20 lt tank for long autonomy, with easy filling from above, so it does not have to be removed from its seat
.

TOUCH SCREEN DISPLAY TECHNOLOGY
Innovative control panel with touch sensors.

AIR FLOW AUTO-SWING
Continuous and automatic air flow swing from right to left.

DUAL FUNCTION: FAN /COOLER
Functions with or without water, respectively as a cooler or fan.

3 FAN SPEEDS
Ventilation with three practical air flow intensity adjustments.

		PELER 20
Product code		99355
EAN code		8021183993554
Power supply	V/ph/Hz	220-240 / 1 / 50
Maximum power absorption	W	110
Stand-by power consumption	W	0,45
Fan speeds	n	4
Air volume (maximum)	m³/h	600
Air speed (maximum)	m/s	9,0
Sound pressure level (1)	dB (A)	51
Maximum Sound power level (1)	dB (A)	🔊 60 ▶
Insulation class		II
Power cable	n / mm²	2 x 0,75
Water tank capacity	l	20,0
Evaporative sheet		Honeycomb
Control panel		Touch
Product size (W x H x D)	mm	342x897x390
Gift box size (W x H x D)	mm	405x960x440
Weight (without packing)	kg	8,0
Weight (with packing)	kg	10,5
Timer		√ 1 - 2 -4 -8 hours
Removable water tank		√
Oscillating function		YES of the air flow from right to left
Remote controller		√
Ionizer		-
Weels		√
Power off switch		√
Power supply cable housing		√

(1) Test condition: The sound pressure level is measured in half-anechoic room far 2 meters from the front of the appliance with the microphone at 1 meter of height. During the test, all the appliance functions are enabled with the exception of swing function (if available)

P ELER CHILL

Misting cooler for immediate freshness.

FEATURES

Misting cooler
2 L Tank
Mist function
Airclean function
Wheels for transportation
LED Display
Mosquito repellent function
360° grid rotation
Remote control
Up to 9 hours timer

MIST FUNCTION
Creates a moist breeze for an immediate sensation of freshness.

EASY TO USE
Remote control and handy wheels for transportation.

PROGRAMMING WITH TIMER
Operation up to 9.5 hours.

AIRCLEAN FUNCTION
Ionizer and integrated mosquito repellent function* for cleaner air.

360° GRID ROTATION
For uniform diffusion of the air flow.

WATER LEVEL DISPLAY
Luminous indicator that shows the amount of water in the tank.

*mosquito repellent tablets housing compatible with the most common tablets on the market, not included.

		PELER CHILL
Product code		99356
EAN code		8021183993561
Power supply	V/ph/Hz	220-240 / 1 / 50
Maximum power absorption	W	80
Stand-by power consumption	W	0,59
Fan speeds	n	3
Air volume (maximum)	m3/h	789
Air speed (maximum)	n / mm²	2 x 0,75
Water tank capacity	l	2
Product size (W x H x D)	mm	402x816x216
Units per master box	n	2
Timer		√
Umidification function		√
Cold ultrasound technology		√
Display		√
Removable water tank		√
Oscillating function		√
Remote controller		√
Ionizer		√
Mosquito trepellent function		√
Power off switch		√
Power supply cable housing		-

(1) Test condition: The sound pressure level is measured in half-anechoic room far 2 meters from the front of the appliance with the microphone at 1 meter of height. During the test, all the appliance functions are enabled with the exception of swing function (if available)

OLIMPIA SPLENDID
HOME OF COMFORT

HYDRONIC SYSTEMS

AIR CONDITIONING

AIR TREATMENT

HEATING

DEHUMIDIFIERS

AQUARIA SLIM 10 P

FEATURES

Dehumidification capacity: 10 l/24h[1]
Tank capacity: 2 l
Constant condensation disposal
Defrosting device
Ambient humidity display
Air filter
Full tank alarm
Ergonomic handle
Wheels
Maximum volume of dehumidification: 100 m³

SLIM DESIGN
Only 185 mm thickness.

DIGITAL TOUCH DISPLAY
For precision commands.

SEMI-TRANSPARENT TANK
To view the water level.

PRACTICAL
Thanks to the handle and the transportable wheels.

		AQUARIA SLIM 10 P
Code		01939
EAN		8021183019391
Dehumidification capacity (1)	l/24h	5.4
Dehumidification capacity (2)	l/24h	10
Dehumidificable volume	m³	100
Power absorption in dehumidifcation mode (1)	W	280
Max. power absorption in dehumidification mode (2)	W	262
Max. absorption in dehumidification mode (2)	A	1,39
Protection level		IP 20
Fan speeds		1
Tank capacity	l	2,0
Air volume (max)	m³/h	120
Dimensions (W x H x D with wheels)	mm	276X500X185
Packing dimensions (W x H x D)	mm	315X555X215
Noise level	dB(A)	42
Weight (without packing)	kg	9,5
Weight (with packing)	kg	10,4
Refrigerant gas	Tipo-Type	R290
Global warming potential of refrigerant GWP	kgCO2 eq.	3
Refrigerant gas charge	kg	0,045
Plug		SCHUKO
Power supply	V-F-Hz	220-240 - 1 - 50
Power supply min - max	V	207- 254
Fuse		2 AT
Conformity Mark		CE
Air filter		√
Carbon filter		
Continuous operation with hose		√
Dehumidistat		√
Humidity level power settings		√
Indoor humidity visualizer		√
Indoor temperature visualizer		
Tank full light		√
Defrosting device		√
Heating function with adjustable temperature		
Dehumidifing + heating function		

(1) DB 27°C - WB 21°C (27°C - 60% RH)

(2) DB 32°C - WB 29°C (32°C - 80% RH)

*hermetically sealed equipment containing fluorinated gas GWP 1430

AQUARIA SILENT 14

FEATURES

Dehumidification capacity: 14l*/24h
Tank capacity: 2 l
Sound level: only 36 dB (A)
Full tank alarm
Continuous operation with hose
Electronic defrosting device
Visible water level - transparent tank
Handle
Dehumidificable volume: 120-140 m³

SILENT SYSTEM

Aquaria Silent 14 is among the quietest dehumidifiers in its category, more than 10%quieter with a sound level of only

🔊 36 dB (A)

QUICK CONTROL

Extremely easy to use mechanical control to adjust room humidity.

(1) 32° C – 80 %RH
(2) Internal tests on the range Olimpia Splendid

		AQUARIA SILENT 14
Code		01667
EAN		8021183016673
Dehumidification capacity (1)	l/24h	6,2
Dehumidification capacity (2)	l/24h	14
Dehumidificable volume	m³	120
Heating capacity	W	-
Power absorption in dehumidifcation mode (1)	W	172
Max. power absorption in dehumidification mode (2)	W	214
Max. power absorption in dehumidification+heating mode (2)	W	-
Fan speeds		1
Tank capacity	l	2
Air volume (max)	m³/h	80
Dimensions (W x H x D)	mm	307 x 427 x 258
Noise level	db(A)	36
Weight	Kg	12,8
Refrigerant gas / charge	Type / kg	R134A / 0,110 / 1430
Power supply	V-F-Hz	230 - 1 - 50
Power supply min - max	V	216/244
Air filter		√
Carbon filter		
Photocatalytic filter		
HEPA filter		
Continuous operation with hose		√
Machanical controls		√
Digital control		
Mechanical humidistat		√
Electronic humidistat		
LCD Display		
Backlit liquid crystal display		
Indoor humidity visualizer		
Indoor temperature visualizer		
Tank full light		√
Defrosting device		√
Hot gas defrosting system		
Dehumidifing + heating function		
Handle		√
Wheels		√
Concealed tank with push-pull panel		
Water tank with handle		
Visible water level		√
Wall mounting kit		

(1) DB 27°C - WB 21°C (27°C - 60% RH)
(2) DB 32°C - WB 29°C (32°C - 80% RH)
*hermetically sealed equipment containing fluorinated gas GWP 1430

AQUARIA 16

Design by Ercoli & Garlandini

FEATURES

Dehumidification capacity: 16 l*/24h
Tank capacity: 1,8 l
Sound power: 40 dB (A)
Digital control
Drying mode: constant and fast dehumidification
LCD Display
Full tank alarm
Constant condensation disposal
Electronic defrosting device
visible water level and transparent tank
Handle
Wheels
Maximum volume of dehumidification: 120-140 m^3
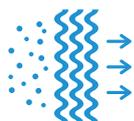
PURE SYSTEM

Mechanic air filtration system, for better air quality.

EASY TO USE

Equipped with barycentric and ergonomic handle, and wheels for easier transport.

DIGITAL CONTROL

Multifunction electronic panel, to set the desired humidity level and activate the Drying mode, Equipped with back-lit LCD display to view humidity level and ambient temperature.

COMPACT TECHNOLOGY

In just 25 cm of depth and a height of 45 cm, a dehumidification capacity of 16 l/24h.

TURBO/DRYING

This function optimizes the laundry's drying process by constantly operating the dehumidifier at full power.

(1) 32° C – 80 %RH

		AQUARIA 16
Code		01440
EAN		8021183014402
Dehumidification capacity (1)	l/24h	6,5
Dehumidification capacity (2)	l/24h	16
Humidificable Area	m³	-
Heating power	W	-
Power consumption in dehumidification (1)	W	243
Max Power consumption in dehumidification (2)	W	312
Max Power consumption in dehumidification + heating (2)	W	-
Fan speed		1
Tank capacity	l	1,8
Air flow rate (max)	m³/h	170
Dimensions (Width x H x Depth)	mm	305X464X261
Sound level	db(A)	40
Weight	Kg	12
Refrigerant gas / Charge / GWP*	Type / kg	R410A / 0,130 / 1430
Power supply	V-F-Hz	230 - 1 - 50
Minimum/maximum power supply voltage	V	216/244
Air filter		√
Active carbon filter		
Fotocathalitic filter		
HEPA filter		
Operation with continuous drain		√
Mechanical controls		
Electronic controls		√
Mechanical Humidostat		
Digital Humidostat		√
LCD Display		√
Backlight LED Display		
Indoor humidity visualizer		√
Indoor temperature visualizer		√
Tank full light		√
Defrosting device		√
Mot gas defrosting system		√
Dehumidifing + heating function (with electrical resistance)		
Handle		√
Wheels		√
Tank with push-pull locking		
Tank with handle		
Visible water level		√
Wall mounting kit		

(1) DB 27°C - WB 21°C (27°C - 60% RH)
(2) DB 32°C - WB 29°C (32°C - 80% RH)
*hermetically sealed equipment containing fluorinated gas GWP 1430

AQUARIA 16**T**

Design by Ercoli & Garlandini

FEATURES

Dehumidification capacity: 16 l/24h[1]
Tank capacity: 1,8 l
Electrical Resistance 1000W
Sound power: 40 dB (A)
Digital control
Drying mode: constant and fast dehumidification
LCD Display
Full tank alarm
Constant condensation disposal
Electronic defrosting device
visible water level and transparent tank
Handle
Wheels
Maximum volume of dehumidification: 120-140 m^3
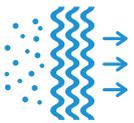
PURE SYSTEM
Mechanic air filtration system, for better air quality.

SUPER DEHUMIDIFICATION
Combines dehumidification with heating thanks to a 1000 W electrical element that significantly reduces dehumidification time.

DIGITAL CONTROL
Multifunction electronic panel, to set the desired humidity level and activate the Drying mode, Equipped with back-lit LCD display to view humidity level and ambient temperature.

COMPACT TECHNOLOGY
In just 25 cm of depth and a height of 45 cm, a dehumidification capacity of 16 l/24h.

EASY TO USE
Equipped with barycentric and ergonomic handle, and wheels for easier transport.

TURBO/DRYING
This function optimizes the laundry's drying process by constantly operating the dehumidifier at full power.

(1) 32° C — 80 %RH

OLIMPIA SPLENDID
HOME OF COMFORT

		AQUARIA 16T
	Code	01446
	EAN	8021183014464
Dehumidification capacity (1)	l/24h	6,5
Dehumidification capacity (2)	l/24h	16
Humidificable Area	m³	120-140
Heating power	W	1000
Power consumption in dehumidification (1)	W	243
Max Power consumption in dehumidification (2)	W	312
Max Power consumption in dehumidification + heating (2)	W	-
Fan speed		1
Tank capacity	l	1,8
Air flow rate (max)	m³/h	170
Dimensions (Width x H x Depth)	mm	305X464X261
Sound level	db(A)	40
Weight	Kg	12
Refrigerant gas / Charge / GWP*	Type / kg	R410A / 0,130 / 1430
Power supply	V-F-Hz	230 - 1 - 50
Minimum/maximum power supply voltage	V	216/244
Air filter		√
Active carbon filter		
Fotocathalitic filter		
HEPA filter		
Operation with continuous drain		√
Mechanical controls		
Electronic controls		√
Mechanical Humidostat		
Digital Humidostat		√
LCD Display		√
Backlight LED Display		
Indoor humidity visualizer		√
Indoor temperature visualizer		√
Tank full light		√
Defrosting device		√
Mot gas defrosting system		√
Dehumidifing + heating function (with electrical resistance)		√
Handle		√
Wheels		√
Tank with push-pull locking		
Tank with handle		
Visible water level		√
Wall mounting kit		

(1) DB 27°C - WB 21°C (27°C - 60% RH)

(2) DB 32°C - WB 29°C (32°C - 80% RH)

*hermetically sealed equipment containing fluorinated gas GWP 1430

AQUARIA 22

Design by King & Miranda

FEATURES

Dehumidification capacity: 22 l/24h[1]
Tank capacity: 3.5 l
Digital control
LCD Display
Full tank alarm
Constant condensation disposal
Electronic defrosting device
Hidden tank with push-pull closing panel
Water tank with handle, for easier transport and emptying
Visible water level
Hidden handle
Wheels
Cable winder
Maximum volume of dehumidification: 120-140 m³

PURE SYSTEM 3

Triple filtration system which combines the filter with activated carbons (eliminates odors and deactivates any potentially harmful gases) HEPA filter (retains fine dust with a few microns diameter)
Photo catalytic filter (sterilizes air by eliminating a high percentage of viruses and bacteria).

NON-STOP OPERATING

The constant condensation disposal, which can be selected on the control panel, allows uninterrupted dehumidification.

DIGITAL CONTROL

Multifunction electronic panel, to set the desired humidity level and activate the Drying mode; moreover, Aquaria is equipped with back-lit LCD display to view humidity level and ambient temperature.

BACK CABLE WINDER

Cable winder to tidily put the product away.

LARGE TANK

The tank contains 3.5 l and it can be easily extracted.

(1) 32° C — 80 %RH

		AQUARIA 22
	Code	01644
	EAN	8021183016444
Dehumidification capacity (1)	l/24h	13, 5
Dehumidification capacity (2)	l/24h	22
Dehumidificable Area	m³	120/140
Heating power	W	-
Power consumption in dehumidification (1)	W	250
Max Power consumption in dehumidification (2)	W	295
Max Power consumption in dehumidification + heating (2)	W	-
Fan speed		1
Tank capacity	l	3,5
Air flow rate (max)	m³/h	230
Dimensions (Width x H x Depth)	mm	280 x 545 x 385
Sound level	db(A)	40
Weight	Kg	17
Refrigerant gas / Charge / GWP*	Type / kg	R134A / 0,175 / 1430
Power supply	V-F-Hz	230 - 1 - 50
Minimum/maximum power supply voltage	V	198 / 264
Air filter		√
Active carbon filter		√
Fotocathalitic filter		√
HEPA filter		√
Operation with continuous drain		√
Mechanical controls		
Electronic controls		√
Mechanical Humidostat		
Digital Humidostat		√
LCD Display		√
Backlight LED Display		
Indoor humidity visualizer		√
Indoor temperature visualizer		√
Tank full light		√
Defrosting device		√
Mot gas defrosting system		
Dehumidifing + heating function (with electrical resistance)		
Handle		√
Wheels		√
Tank with push-pull locking		√
Tank with handle		√
Visible water level		√
Wall mounting kit		

(1) DB 27°C - WB 21°C (27°C - 60% RH)

(2) DB 32°C - WB 29°C (32°C - 80% RH)

*hermetically sealed equipment containing fluorinated gas GWP 1430

AQUARIA THERMO 22

FEATURES

Dehumidification capacity: 22l/24h[1]
Tank capacity: 3,5 l
Electrical Resistance 1000W
Digital control
LCD Display
Full tank alarm
Constant condensation disposal
Electronic defrosting device
Hidden tank with push-pull closing panel
Water tank with handle, for easier transport and emptying
Visible water level
Handle
Wheels
Maximum volume of dehumidification: 120-140 m^3

Design by King & Miranda

PURE SYSTEM 3

Triple filtration system which combines the filter with activated carbons (eliminates odors and deactivates any potentially harmful gases) HEPA filter (retains fine dust with a few microns diameter)
Photo catalytic filter (sterilizes air by eliminating a high percentage of viruses and bacteria).

SUPER DEHUMIDIFICATION

Combines dehumidification with heating thanks to a 1000 W electrical element that significantly reduces dehumidification time.

BACK CABLE WINDER

Cable winder to tidily put the product away.

DIGITAL CONTROL

Multifunction electronic panel, to set the desired humidity level and activate the Drying mode; moreover, Aquaria is equipped with back-lit LCD display to view humidity level and ambient temperature.

(1) 32° C — 80 %RH

		AQUARIA THERMO 22
	Code	01645
	EAN	8021183016451
Dehumidification capacity (1)	l/24h	13,5
Dehumidification capacity (2)	l/24h	22
Dehumidificable Area	m³	200
Heating power	W	1000
Power consumption in dehumidification (1)	W	250
Max Power consumption in dehumidification (2)	W	295
Max Power consumption in dehumidification + heating (2)	W	1315
Fan speed		1
Tank capacity	l	3,5
Air flow rate (max)	m³/h	250
Dimensions (Width x H x Depth)	mm	280 x 545 x 385
Sound level	db(A)	40
Weight	Kg	17
Refrigerant gas / Charge / GWP*	Type / kg	R134A / 0,175 / 1430
Power supply	V-F-Hz	230 - 1 - 50
Minimum/maximum power supply voltage	V	198 / 264
Air filter		√
Active carbon filter		√
Fotocathalitic filter		√
HEPA filter		√
Operation with continuous drain		√
Mechanical controls		
Electronic controls		√
Mechanical Humidostat		
Digital Humidostat		√
LCD Display		√
Backlight LED Display		√
Indoor humidity visualizer		√
Indoor temperature visualizer		√
Tank full light		√
Defrosting device		√
Mot gas defrosting system		
Dehumidifing + heating function (with electrical resistance)		√
Handle		√
Wheels		√
Tank with push-pull locking		√
Tank with handle		√
Visible water level		√
Wall mounting kit		

(1) DB 27°C - WB 21°C (27°C - 60% RH)

(2) DB 32°C - WB 29°C (32°C - 80% RH)

*hermetically sealed equipment containing fluorinated gas GWP 1430

AQUARIA 28

Design by King & Miranda

FEATURES

Dehumidification capacity: 28l/24h[1]
Tank capacity: 3.5 l
Digital control
LCD Display
Full tank alarm
Constant condensation disposal
Electronic defrosting device
Hidden tank with push-pull closing panel
Water tank with handle, for easier transport and emptying
Visible water level
Hidden handle
Wheels
Cable winder
Maximum volume of dehumidification: 240 m^3
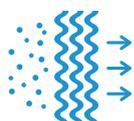
PURE SYSTEM 3

Triple filtration system which combines the filter with activated carbons (eliminates odors and deactivates any potentially harmful gases) HEPA filter (retains fine dust with a few microns diameter)
Photo catalytic filter (sterilizes air by eliminating a high percentage of viruses and bacteria).

DIGITAL CONTROL

Multifunction electronic panel, to set the desired humidity level and activate the Drying mode; moreover, Aquaria is equipped with back-lit LCD display to view humidity level and ambient temperature.

(1) 32° C — 80 %RH

OLIMPIA SPLENDID
HOME OF COMFORT
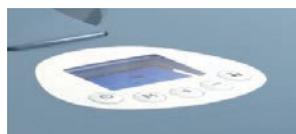
		AQUARIA 28
Code		01646
EAN		8021183016468
Dehumidification capacity (1)	l/24h	15
Dehumidification capacity (2)	l/24h	28
Dehumidificable Area	m³	240
Heating power	W	-
Power consumption in dehumidification (1)	W	425
Max Power consumption in dehumidification (2)	W	510
Max Power consumption in dehumidification + heating (2)	W	-
Fan speed		1
Tank capacity	l	3,5
Air flow rate (max)	m³/h	285
Dimensions (Width x H x Depth)	mm	280 x 545 x 385
Sound level	db(A)	42
Weight	Kg	18
Refrigerant gas / Charge / GWP*	Type / kg	R134A / 0,160 / 1430
Power supply	V-F-Hz	230 - 1 - 50
Minimum/maximum power supply voltage	V	207 / 264
Air filter		√
Active carbon filter		√
Fotocathalitic filter		√
HEPA filter		√
Operation with continuous drain		√
Mechanical controls		
Electronic controls		√
Mechanical Humidostat		
Digital Humidostat		√
LCD Display		√
Backlight LED Display		√
Indoor humidity visualizer		√
Indoor temperature visualizer		√
Tank full light		√
Defrosting device		√
Mot gas defrosting system		
Dehumidifing + heating function (with electrical resistance)		
Handle		√
Wheels		√
Tank with push-pull locking		√
Tank with handle		√
Visible water level		√
Wall mounting kit		

(1)   DB 27°C - WB 21°C (27°C - 60% RH)
(2)   DB 32°C - WB 29°C (32°C - 80% RH)
*hermetically sealed equipment containing fluorinated gas GWP 1430

SECCOPROF

Design by King & Miranda

FEATURES OF SECCOPROF 28

Dehumidification capacity: 22 l/24h[1]
Tank capacity: 3.5 l
Digital control
LCD Display
Visible water level
Full tank alarm
Double handle
Wheels
Maximum volume of dehumidification: 250 m³

FEATURES OF SECCOPROF 38

Dehumidification capacity: 38 l/24h[1]
Tank capacity: 10 l
Warm gas defrosting
Digital control
LCD Display
Visible water level
Full tank alarm
Double handle
Wheels
Maximum volume of dehumidification: 330 m³

SUPER POWER

The products in the SeccoProf range are extremely powerful, and they can absorb up to 38 l of excess humidity per day, thus allowing to dehumidify large spaces.

NON-STOP OPERATING

The constant condensation disposal, which can be selected on the control panel, allows uninterrupted dehumidification.

DIGITAL CONTROL

Multifunction electronic panel, to set the desired humidity level and activate the Drying mode; moreover, Aquaria is equipped with back-lit LCD display to view humidity level and ambient temperature.

WARM GAS DEFROSTING

Guarantees a constant operation of the compressor, avoiding frequent activation and deactivation periods. It also allows the product to work even near 0°C[2].

IRON SHAPE

Its metal frame makes the Seccoprof range solid and corrosion- and impact-resistant.

(1) 32° C — 80 %RH
(2) Only model SeccoProf 38

		SECCOPROF 28	SECCOPROF 38
Code		01208	01209
EAN		8021183012088	8021183012095
Dehumidification capacity (1)	l/24h	15	20
Dehumidification capacity (2)	l/24h	28	38
Humidificable Area	m³	250	330
Heating power	W		
Power consumption in dehumidification (1)	W	450	500
Max Power consumption in dehumidification (2)	W	550	585
Max Power consumption in dehumidification + heating (2)	W		
Fan speed		1	1
Tank capacity	l	10	10
Air flow rate (max)	m³/h	340	350
Dimensions (Width x H x Depth)	mm	310 x 650 x 435	310 x 650 x 435
Sound level	db(A)	47	49
Weight	Kg	23	25
Refrigerant gas / Charge / GWP*	Type / kg	R410A / 0,260 / 1430	R410A / 0,330 / 1430
Power supply	V-F-Hz	230 - 1 - 50	230 - 1 - 50
Minimum/maximum power supply voltage	V	198 / 264	198 / 244
Air filter		√	√
Active carbon filter			
Fotocathalitic filter			
HEPA filter			
Operation with continuous drain		√	√
Mechanical controls			
Electronic controls		√	√
Mechanical Humidostat			
Digital Humidostat		√	√
LCD Display		√	√
Backlight LED Display			
Indoor humidity visualizer		√	√
Indoor temperature visualizer		√	√
Tank full light		√	√
Defrosting device		√	
Mot gas defrosting system			√
Dehumidifing + heating function (with electrical resistance)			
Handle		√	√
Wheels		√	√
Tank with push-pull locking			
Tank with handle			
Visible water level		√	√
Wall mounting kit			

(1)   DB 27°C - WB 21°C (27°C - 60% RH)

(2)   DB 32°C - WB 29°C (32°C - 80% RH)

*hermetically sealed equipment containing fluorinated gas GWP 1430

HUMIDIFIERS

LIMPIA **2**

FEATURES

Cold ultrasound technology
Humidification capacity 150 ml/h
LED light for chromotherapy
Tank capacity: 2 l
8h timer
Empty tank alarm
Cleaning brush included

CHANGING COLOURED LED LIGHT

DISPLAY TOUCH

8H TOUCH DISPLAY TIMER

2l

TANK CAPACITY 2L

		LIMPIA 2
	Cod.	99673
	EAN	8021183996739
Humidification capacity (cold mist)	ml/h	125
Humidificable Area	m³	25
Power absorption (cold mist)	W	12
Protection level		IP X0
Tank capacity	l	2,0
Master box quantity		4
Dimensions (W x H x D)	mm	180 X 189 X 180
Packing dimensions (W x H x D)	mm	215 x 226 x 215
Master Box dimensions (W x H x D)	mm	450 X 246 X 445
Weight (without packing)	Kg	0,80
Weight (with packing)	Kg	1,20
Power supply	V-F-HZ	100-240 - 1 - 50/60
Conformity Mark		CE
Ultrasonic technology cold mist		√
Electromechanical controls		
Digital control		√
Display		
Indoor humidity visualizer		
Tank empty signal		√
Warm steam function		
Night light		√
Adjustable steam nozzle		
Ionizer		
Remote controller		
Automatic re-start function on return of mains voltage		
Timer		√

LIMPIA **4**

FEATURES

Cold ultrasound technology
Humidification capacity 300 ml/h
Remote control
Coloured LED light for chromotherapy
Vapour intensity continuous adjustment
Tank capacity: 4 l
8h timer
Empty tank alarm

CHROMOTHERAPY

REMOTE CONTROL

TIMER
8h timer

VARIO POWER
Continuous adjustment of the humidity
emitted.

TANK CAPACITY 4L

		LIMPIA 4
	Cod.	99424
	EAN	8021183994230
Humidification capacity (cold mist)	ml/h	300
Humidificable Area	m³	35
Power absorption (cold mist)	W	25
Protection level		IP X0
Tank capacity	l	4,0
Master box quantity		4
Dimensions (W x H x D)	mm	204 X 290 X 205
Packing dimensions (W x H x D)	mm	245 x 340 x 235
Master Box dimensions (W x H x D)	mm	510 X 360 X 485
Weight (without packing)	Kg	1,20
Weight (with packing)	Kg	1,80
Power supply	V-F-HZ	100-240 - 1 - 50/60
Conformity Mark		CE
Ultrasonic technology cold mist		√
Electromechanical controls		√
Digital control		√
Display		
Indoor humidity visualizer		
Tank empty signal		√
Warm steam function		
Night light		√
Adjustable steam nozzle		√
Ionizer		
Remote controller		√
Automatic re-start function on return of mains voltage		
Timer		√

LIMPIA 6

FEATURES

Cold ultrasound technology
Humidification capacity 330 ml/h
Vapour pre-heat function
Digital touch display
3 humidity emission settings
Draw for essential oils
Slim remote control
Night light
Tank capacity: 6 l
8h timer
Empty tank alarm
Two-way vapour emission
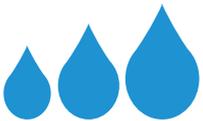
3 HUMIDITY EMISSION SETTINGS

FRAGRANCE DIFFUSER

REMOTE CONTROL

TANK CAPACITY 6L

		LIMPIA 6
	Cod.	99425
	EAN	8021183994254
Humidification capacity (cold mist)	ml/h	290 / 330
Humidificable Area	m³	50
Power absorption (cold mist)	W	25 / 55
Protection level		IP X0
Tank capacity	l	6,0
Master box quantity		4
Dimensions (W x H x D)	mm	290 X 337 X 170
Packing dimensions (W x H x D)	mm	315 x 360 x 195
Master Box dimensions (W x H x D)	mm	650 X 380 X 405
Weight (without packing)	Kg	2,00
Weight (with packing)	Kg	2,30
Power supply	V-F-HZ	220-240 - 1 - 50/60
Conformity Mark		CE
Ultrasonic technology cold mist		√
Electromechanical controls		
Digital control		√
Display		√
Indoor humidity visualizer		√
Tank empty signal		√
Warm steam function		√
Night light		√
Adjustable steam nozzle		√
Ionizer		
Remote controller		√
Automatic re-start function on return of mains voltage		
Timer		√

LIMPIA PURE

FEATURES

Cold and hot Ultrasound technology
Humidification capacity 300 ml /h (cold steam)
400 ml /h (hot cold)
Tank capacity: 3,5l
Touch controls
Humidifing + heating function
Full tank alarm
Humidificable volume: 40 m³

WATER PRE-HEATING

Thanks to the pre-heating function the product has an highest performance, improving the quantity of the humidity in the air: 30%* more.

TOUCH BUTTONS

Touch bright buttons that are hidden when the product is off, lighted when the product is on.

* Compared to the itself product used in normal conditions.

		LIMPIA PURE
	Code	99483
	EAN	8021183994834
Humidification capacity (cold steam / hot steam)	ml/h	300/400
Humidificable volume	m³	40
Power absorption (cold steam / hot steam)	W	30/90
Tank capacity	l	3,5
Dimensions (W x H x D)	mm	214 x 255 x 214
Weight (without packing)	Kg	1,25
Power supply	V-F-Hz	100-240V, 50/60Hz
Cold and hot ultrasound technology		√
Ionizer		
Touch controls		√
Digital control		
Display		√
Indoor humidity visualizer		√
Tank full light		√
Humidifing + heating function		√
Hot steam function		√
Setting steam level		√
Night light		
Directionality steam flow		√
Remote control		

AQUA PURE

FEATURES

Cold and hot Ultrasound technology
Humidification capacity 300 ml /h (cold steam)
400 ml /h (hot steam)
Tank capacity: 5l
Touch controls
Hot steam function
Full tank alarm
Humidificable volume: 50 m³

WATER PRE-HEATING
Thanks to the pre-heating function the product has an highest performance, improving the quantity of the humidity in the air: 30%* more.

STEAM SUPPLY
It's possible to decide the speed of the steam: minimum, medium, maximum, through two different ways thanks to the double hole on the top spout.

DESIRED HUMIDITY
Set up the desired humidity from 40% to 70%.

TOUCH DISPLAY
Touch technology: allow to enter to all functionalities in a simple and immediate way.

* Compared to the itself product used in normal conditions

		AQUA PURE
Code		99482
EAN		8021183994827
Dehumidification capacity (cold steam / hot steam)	ml/h	300/400
Dehumidificable volume	m³	50
Power absorption (cold steam / hot steam)	W	30/90
Heating capacity		3
Tank capacity	l	5
Dimensions (W x H x D)	mm	248 x 355 x 130
Weight (without packing)	Kg	2,25
Power supply	V-F-Hz	100-240V, 50/60Hz
Cold and hot ultrasound technology		√
Ionizer		
Touch controls		√
Digital control		
Display		√
Indoor humidity visualizer		√
Tank full light		√
Dehumidifing + heating function		√
Hot steam function		√
Setting desired humidity from 40% to 70%		√
Setting steam level		√
Automatic timer shutdown from 1 to 12 h		√
Setting pre-heating water		√
Night light		
Directionality steam flow		√
Remote control		√
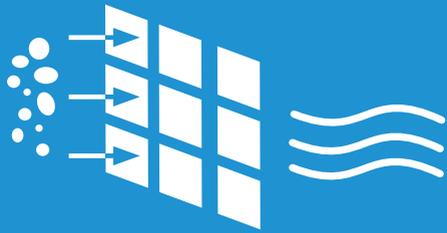
AIR **P**URIFIERS

AURA LI

FEATURES

3 filtering stages (dust filter/HEPA filter/active carbon filter)
Air quality luminous indication
Filter pack removable from front panel
Ionizer
Automatic fan speed operation according to the quality of air detected
Filter duration up to 2000 h
8h timer
Sleep/Turbo function
3 air flow rate settings

CODE	DESCRIPTION
B0845	AURA LI Filter Kit
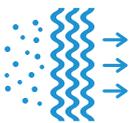
3 FILTERING STAGES
With pre-filter. HEPA filter and active carbon filter.

IONIZER

AUTO MODE
AUTOMATIC ADJUSTMENT
Depending on the quality of the air.

MULTI-FUNCTION CONTROL PANEL

2000 h
DURATION OF THE FILTER
Up to 2000h.

		AURA LI
	Cod.	99427
	EAN	8021183994278
Power absorption	W	55
Protection level		IP X0
Protection class		II
Fan speeds		3
Sound pressure level	dB(A) min-max	25 / 54
Dimensions (w x h x d)	mm	345 x 583 x 176
Packing dimensions (w x h x d)	mm	360 x 600 x 191
Weight (without packing)	kg	5,60
Weight (with packing)	kg	6,70
Power supply	V-F-Hz	220-240 - 1 - 50
Conformity mark		CE
Digital control		√
Air quality indicator led		√
Air quality indicator display		
Filter cleaning/replacing signal		√
Ionizer		√
UV lamp		
HEPA filter		√
Carbon filter		√
Remote controller		
Automatic re-start function on return of mains voltage		
Timer		√

AURA **DI**

FEATURES

3 filtering stages (dust filter/HEPA filter/active carbon filter)
Germicidal UV light
Filter pack removable from front panel
Ionizer
Particulate concentration digital indicator
Automatic fan speed operation according to the quality of air detected
Filter duration up to 2000 h
8h timer
Sleep/Turbo function
3 air flow rate settings

CODE	DESCRIPTION
B0846	AURA DI Filter Kit
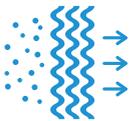
3 FILTERING STAGES
With pre-filter. HEPA filter and active carbon filter.

UV STERILIZER AND IONIZER

PM**2,5**
WITHHOLDS FINE DUSTS
Up to 2.5 micron.

AUTO MODE
AUTOMATIC ADJUSTMENT
Depending on the quality of the air.

MULTI-FUNCTION CONTROL PANEL

2000 h
FILTER DURATION
Up to 2000h.

		AURA DI
	Cod.	99426
	EAN	8021183994261
Protection level		IP X0
Protection class		II
Fan speeds		3
Sound pressure level	dB(A) min-max	25 / 54
Dimensions (w x h x d)	mm	345 x 583 x 176
Packing dimensions (w x h x d)	mm	360 x 600 x 191
Weight (without packing)	Kg	5,60
Weight (with packing)	Kg	6,70
Power supply	V-F-Hz	220-240 - 1 - 50
Conformity mark		CE
Digital control		√
Air quality indicator led		
Air quality indicator display		√
Filter cleaning/replacing signal		√
Ionizer		√
UV lamp		√
HEPA filter		√
Carbon filter		√
Automatic re-start function on return of mains voltage		
Timer		√
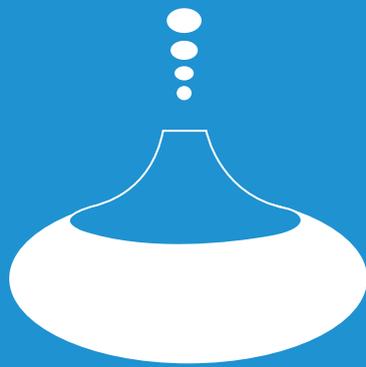
AROMA **D**IFFUSERS

ASTOMI 80

FEATURES

Tank capacity 80 ml
Changing LED light for chromotherapy
USB cable power supply unit
6 h continuous operation
Automatic switch-off with empty tank

6H AUTONOMY

COMPACT DESIGN

CHROMOTHERAPY

SAFE AND ALWAYS WITH YOU

		ASTOMI 80
	Cod.	99407
	EAN	8021183994070
Humidification capacity (cold mist)	ml/h	20
Humidificable Area	m^3	10
Power absorption (cold mist)	W	5
Protection level		IP X0
Protection class		III
Fan speeds		1
Tank capacity	ml	80
Master box quantity		24
Dimensions (W x H x D)	mm	110 x 129 x 110
Packing dimensions (W x H x D)	mm	115 X 137 X 115
Master Box dimensions (W x H x D)	mm	483 X 293 X 361
Weight (without packing)	kg	0,22
Weight (with packing)	kg	0,29
Master box weight	kg	8
Power supplier		USB CABLE
Power supply	V-F-Hz	5VDC ≥1A
Conformity Mark		CE
Ultrasonic technology cold mist		√
Electromechanical controls		√
Digital control		
Display		
Indoor humidity visualizer		
Tank empty signal		√
Warm steam function		
Night light		√
Adjustable steam nozzle		
Ionizer		
Remote controller		
Automatic re-start function on return of mains voltage		
Timer		√
Bluetooth		

ASTOMI **200**

FEATURES

Tank capacity 200 ml
Changing LED light for chromotherapy
Humidification capacity: 25 ml/h
Corrosion-proof polypropylene material
9 h continuous operation
Automatic switch-off with empty tank
Multi-function touch key

9H AUTONOMY

2 IN 1: HUMIDIFIER AND FRAGRANCE DIFFUSER

CHROMOTHERAPY WITH AN ARRAY OF UP TO 6 LIGHT COLOURS

SAFE WITH AUTOMATIC SWITCH-OFF

		ASTOMI 200
	Cod.	99406
	EAN	8021183994063
Humidification capacity (cold mist)	ml/h	25
Humidificable Area	m³	15
Power absorption (cold mist)	W	12
Protection level		IP X0
Protection class		III
Fan speeds		1
Tank capacity	ml	200
Master box quantity		12
Dimensions (W x H x D)	mm	110 x 151 x 110
Packing dimensions (W x H x D)	mm	130 x 210 x 130
Master Box dimensions (W x H x D)	mm	541 x 230 x 406
Weight (without packing)	kg	0,30
Weight (with packing)	kg	0,55
Master box weight	kg	8
Power supplier		external
Power supply	V-F-Hz	100-240 - 1 - 50/60
Conformity Mark		CE
Ultrasonic technology cold mist		√
Electromechanical controls		
Digital control		√
Display		
Indoor humidity visualizer		
Tank empty signal		√
Warm steam function		
Night light		√
Adjustable steam nozzle		
Ionizer		
Remote controller		
Automatic re-start function on return of mains voltage		
Timer		
Bluetooth		

ASTOMI SOUND

FEATURES

Tank capacity 400 ml
Changing LED light for chromotherapy
Bluetooth speakers for mobile devices
2 emission settings: intense/light
Humidification function
60 ml/h emission
11 h continuous operation
Automatic switch-off with empty tank

2-4-6 HOUR TIMER

2 IN 1: HUMIDIFIER AND FRAGRANCE DIFFUSER

CHROMOTHERAPY WITH FIXED OR CHANGING LIGHTS

SAFE WITH AUTOMATIC SWITCH-OFF

BLUETOOTH SPEAKER

		ASTOMI SOUND
	Cod.	99408
	EAN	8021183994087
Humidification capacity (cold mist)	ml/h	45
Humidificable Area	m³	20
Power absorption (cold mist)	W	18
Protection level		IP X0
Protection class		III
Fan speeds		1
Tank capacity	ml	400,0
Master box quantity		12
Dimensions (W x H x D)	mm	156 x 145 x 156
Packing dimensions (W x H x D)	mm	165 X 215 x 165
Master Box dimensions (W x H x D)	mm	515 x 4500 x 345
Weight (without packing)	kg	0,70
Weight (with packing)	kg	0,90
Master box weight	kg	12
Power supplier		external
Power supply	V-F-Hz	100-240 - 1 - 50/60
Conformity Mark		CE
Ultrasonic technology cold mist		√
Electromechanical controls		√
Digital control		
Display		
Indoor humidity visualizer		
Tank empty signal		√
Warm steam function		
Night light		√
Adjustable steam nozzle		√
Ionizer		√
Remote controller		
Automatic re-start function on return of mains voltage		
Timer		√
Bluetooth		√

FAN HEATERS

CALDO EASY

FEATURES

Needle heater
Thermal power max 2000 W
2 power settings 1000/2000 W
Fan only function
Mechanical controls
Safety thermostat
Room thermostat
Indication light
Turnover protection switch
Anti-frost device
Grip on rear
Maximum heating volume: 60 m³

2000W MAXIMUM POWER

TURNOVER PROTECTION SWITCH - SAFETY THERMOSTAT

INDICATION LIGHT

3 SELECTABLE POWER SETTINGS
Only fan - 2 power level.

		CALDO EASY B	CALDO EASY G
	Cod.	99411	99410
	EAN	8021183994117	8021183994100
Thermal power	W	2000	
Power settings		0 / ONLY FAN / 1000 / 2000	
Seasonal energy efficiency (reg. UE 2015/1188)	%	36	
Heating volume (max)	m³	60	
Dimensions (W x H x D)	mm	222 x 233 x 134	
Gift box Dimensions (W x H x D)	mm	230 x 240 x 140	
Weight (without packing)	kg	1,2	
Weight (with packing)	kg	1,4	
Units per master gift box	nr	12	
Master size	mm	485 x 440 x 500	
Insulation class		II	
Degrees of protection provided by enclosures		-	
Fan speeds		1	
Power supply	V-F-Hz	220-240V - 1 - 50HZ	
Conformity Mark		CE	
Needles resistance		√	
Timer			
Environment thermostat		√	
Safety thermostat		√	
Ventilation function		√	
Wall support			
Oscillating function			
Anti-turn over switch		√	
Humidifier			
Ionizer			
Anti-ice function		√	
Power selector		√	
Power supply cable housing			

CALDO CIRCLE 20

CALDO CIRCLE 20 A   Cod. 99418
CALDO CIRCLE 20 R   Cod. 99417

Design by Ercoli&Garlandini

FEATURES

Needle heater
Selectable thermal power 1000/2000 W
IP 21 type-approved against vertical dripping
Fan only mode
Design by Ercoli&Garlandini
Safety thermostat
Room thermostat
Anti-freeze function

2000W MAXIMUM POWER

IP 21 TYPE-APPROVED
Against vertical dripping.

DESIGNED IN ITALY

3 SELECTABLE POWER SETTINGS
Only fan - 2 power level.

		CALDO CIRCLE 20 A	CALDO CIRCLE 20 R
	Cod.	99418	99417
	EAN	8021183994186	8021183994179
Thermal power		1000 + 1000	
Power settings		0 / ONLY FAN / 1000 / 2000	
Heating volume (max)		70	
Dimensions (W x H x D)		236x257x130	
Gift box Dimensions (W x H x D)		245x330x210	
Weight (without packing)		1,5	
Weight (with packing)		1,90	
Units per master gift box		6	
Master size		755x335x435	
Insulation class		II	
Degrees of protection provided by enclosures		IP21	
Fan speeds		2200+/-150	
Power supply		230V - 1 - 50Hz	
Conformity Mark		CE	
Needles resistance		1	
Timer			
Environment thermostat		√	
Safety thermostat		√	
Ventilation function		√	
Wall support			
Oscillating function			
Anti-turn over switch			
Humidifier			
Ionizer			
Anti-ice function		√	
Power selector		√	
Power supply cable housing			

CALDO CIRCLE 22

CALDO CIRCLE 22 A	Cod. 99416
CALDO CIRCLE 22 R	Cod. 99415

FEATURES

Needle heater
Maximum power 2200 W
Selectable thermal power 1200/2200 W
IP 21 type-approved against vertical dripping
Fan only mode
Design by Ercoli&Garlandini
Safety thermostat
Room thermostat
Anti-freeze function

Design by Ercoli&Garlandini

2200W MAXIMUM POWER

3 SELECTABLE POWER SETTINGS
Only fan - 2 power level.

IP21
IP 21 TYPE-APPROVED
Against vertical dripping.

DESIGNED IN ITALY

CABLE HOUSING

		CALDO CIRCLE 22 A	CALDO CIRCLE 22 R
	Cod.	99416	99415
	EAN	8021183994162	8021183994155
Thermal power	W	2200	
Power settings		0 / ONLY FAN / 1200 / 2200	
Heating volume (max)	m³	75	
Dimensions (W x H x D)	mm	236x275x195	
Gift box Dimensions (W x H x D)	mm	245x330x210	
Weight (without packing)	kg	1,5	
Weight (with packing)	kg	1,90	
Units per master gift box	nr	6	
Master size	mm	755x335x435	
Insulation class		II	
Degrees of protection provided by enclosures		IP21	
Fan speeds	rpm	2200+/-150	
Power supply	V-F-Hz	230V - 1 - 50Hz	
Conformity Mark		CE	
Needles resistance		1	
Timer			
Environment thermostat		√	
Safety thermostat		√	
Ventilation function		√	
Wall support			
Oscillating function			
Anti-turn over switch			
Humidifier			
Ionizer			
Anti-ice function		√	
Power selector		√	
Power supply cable housing			

CALDO CIRCLE 22 H ION

CALDO CIRCLE 22 H ION   Cod. 99414

FEATURES

Needle heater
Selectable thermal power 1200-2200 W
Integrated ionizer
IP21 type-approved against vertical dripping
Fan only mode
Design by Ercoli & Garlandini
Room thermostat
Safety thermostat
Anti-freeze function

Design by Ercoli&Garlandini

2200W MAXIMUM POWER

IONIZER

INCLINED BASE

IP21
IP 21 TYPE-APPROVED
Against vertical dripping.

CABLE HOUSING

		CALDO CIRCLE 22 H ION
	Cod.	99414
	EAN	8021183994148
Thermal power		2200
Power settings		0 / ONLY FAN / 1200 / 2200
Heating volume (max)		75
Dimensions (W x H x D)		236x275x188
Gift box Dimensions (W x H x D)		245x330x210
Weight (without packing)		1,5
Weight (with packing)		1,90
Units per master gift box		6
Degrees of protection provided by enclosures		IP21
Fan speeds		1
Power supply		230V - 1 - 50Hz
Conformity Mark		CE
Needles resistance		1
Timer		
Environment thermostat		√
Safety thermostat		√
Ventilation function		√
Wall support		
Oscillating function		
Anti-turn over switch		
Humidifier		
Ionizer		√
Anti-ice function		√
Power selector		√
Power supply cable housing		

OBLÓ 2.2

Design by Dario Tanfoglio

FEATURES

Needles resistance
Superpower: max thermal output 2200 W
3 power settings (800-1400-2200W)
Mechanical control
IP 21 certification gainst water dripping
Safety thermostat
Room Thermostat
Anti-frost function
Internal cord wrapper: the cord totally hides within the casing
Max room volume: 70 m^3

MATT FINISH
Made with high quality plastic, its power is shielded in elegantly and attractively finished shells. The elegant combination of matte and gloss finishes enhances the smooth, rounded shapes of the product.

WATER SAFETY: IP 21
IP 21 approved to ensure safety against vertical water dripping.
Thanks to the special grille design and the shielding of the internal components the product can be used even in the bathroom.

SUPER WARM
Among the most powerful of its category, up to 2200 W.
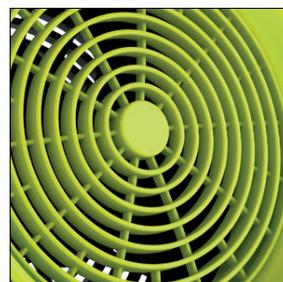
		OBLO' 2.2
	Code	99574
	EAN	8021183995749
Thermal power (min - max)	W	800-1400-2200
Heating volume (max)	m³	70
Dimensions (W x H x D)	mm	228 x 317 x 195
Weight (without packaging)	Kg	1,5
IP21 certification		√
Power supply	V-F-Hz	230 - 1 - 50
Needle heater		√
Mechanical controls		√
Room thermostat		√
Safety thermostat		√
24h Timer		
Fan only Function		
Anti-frost Function		√
Handle		
90° Oscillation		
Turnover protection switch		
Housign for power cable / cable winder		√

CALDOSILENT ECO

FEATURES

Needles resistance
Superpower: max thermal output 2400 W
2 power settings (1200-2400W)
Fan only function
Mechanical control
IP 21 certification gainst water dripping
Safety thermostat
Room Thermostat
Anti-frost function
Handle
Max room volume: 80 m^3

supersilent

**Exclusive technology, designed in Italy
Guaranteed hot and silence**

SUPER SILENT
Llower sound pressure: up to 3dB (A) less than traditional models.
50%* lower perceived noise.

WATER SAFETY: IP 21
IP 21 approved to ensure safety against vertical water dripping.
Thanks to the special grille design and the shielding of the internal components the product can be used even in the bathroom.

SUPER WARM
Among the most powerful of its category, up to 2200 W.

* Internal tests on the range Olimpia Splendid

		CALDOSILENT ECO
	Cod.	99451
	EAN	8021183994513
Thermal power (min - max)	W	2400
Power setting	W	0 / 1200 / 2400
Heating volume (max)	m³	80
Dimensions (without packaging) (W x H x D)	mm	267x343x251
Dimensions (with packaging) (Larg. x Alt. x Prof.)	mm	285x360x265
Weight (without packaging)	kg	2,7
Weight (with packaging)	kg	3,0
Insulation class		II
Protection level		IP 21
Ventilation speed		1
Power supply	V-F-Hz	230 - 1 - 50
Power cable		2 x 1
Conformity Mark		CE
Needles resistance		√
24h Timer		
Room thermostat		√
Safety thermostat		√
Fan only Function		√
Wall mount		
Oscillation		
Turnover protection switch		
Anti-frost function		√
Power setting		√
Housign for power cable / cable winder		

CALDOSILENT

FEATURES

Needles resistance
Superpower: max thermal output 2400 W
2 power settings (1200-2400W)
Fan only function
Mechanical control
IP 21 certification gainst water dripping
Oscillazione 90°
Timer 24h
Safety thermostat
Room Thermostat
Anti-frost function
Anti tipover switch
Handle
Max room volume: 80 m^3
Silent System

supersilent

Exclusive technology, designed in Italy
Guaranteed hot and silence

SUPER SILENT
Lower sound pressure: up to 3dB (A) less than traditional models.
50%* lower perceived noise.

WATER SAFETY: IP 21
IP 21 approved to ensure safety against vertical water dripping.
Thanks to the special grille design and the shielding of the internal components the product can be used even in the bathroom.

SUPER WARM
Among the most powerful of its category, up to 2200 W.

TIMER
24h programmable timer.

OSCILLATION
90° oscillation for amplified heat distribution.

* Internal tests on the range Olimpia Splendid

		CALDOSILENT
	Code	99452
	EAN	8021183994520
Thermal power (min - max)	W	1200 + 1200
Power setting		0 / 1200 / 2400
Heating volume (max)	m³	80
Dimensions (without packaging) (W x H x D)	mm	267x343x251
Dimensions (with packaging) (Larg. x Alt. x Prof.)	mm	285X360X265
Weight (without packaging)	kg	2,7
Weight (with packaging)	kg	3,0
Insulation class		II
Protection level		IP 21
Ventilation speed		1
Power supply	V-F-Hz	230 - 1 - 50
Power cable		2 x 1
Conformity Mark		CE
Needles resistance		√
24h Timer		√
Room thermostat		√
Safety thermostat		√
Fan only Function		√
Wall mount		
Oscillation		√
Turnover protection switch		√
Humidifier		
Anti-frost Function		√
Power setting		√
Housign for power cable / cable winder		

CERAMIC FAN HEATERS

CALDODESIGN

CALDODESIGN   Cod. 99447
CALDODESIGN S   Cod. 99404
CALDODESIGN O   Cod. 99402

FEATURES

Max thermal output: 1800 W
Ceramic Resistance
Room Thermostat
Safety thermostat
Fan only function
Anti-frost function
Power selection
Tilt adjustment
2 LED indicator
Mechanical control

CERAMIC TECHNOLOGY

Ceramic heating element modulates the emission of heat depending on the temperature, guaranteeing high levels of security.

COMPACT TECHNOLOGY

Small and compact, Caldodesign will blend smoothly into any context, thanks to its reduced dimensions.

TILT ADJUSTMENT

		CALDODESIGN	CALDODESIGN S	CALDODESIGN O
	Code	99447	99404	99402
	EAN	8021183994476	8021183994049	8021183994025
Thermal power (min - max)	W	1800		
Power setting		0 / 1000 / 1800		
Dimensions (Larg. x Alt. x Prof.)	mm	245 x 248 x 216		
Dimensions (with packaging) (Larg. x Alt. x Prof.)	mm	275 x 275 x 235		
Units per master box		6		
Weight (without packaging)	kg	1,8		
Weight (with packaging)	kg	2,2		
Insulation class		II		
Protection level		IP X0		
Fan speed		1		
Power supply	V-F-Hz	220-240 - 1 - 50		
Power cable		2 x 1		
Conformity Mark		CE		
Ceramic resistance		√		
Timer				
Room thermostat		√		
Safety thermostat		√		
Fan only function		√		
Oscillation				
Turnover protection switch				
Anti-frost function		√		
Power setting		√		

CALDOSTILE M

FEATURES

Max thermal output: 2000 W
2 power level (1200 - 2000 W)
Ceramic Resistance
Room Thermostat
Safety thermostat
Only fan function
Anti-frost function
Power selection
Mechanical control

CERAMIC TECHNOLOGY
Ceramic heating element modulates the emission of heat depending on the temperature, guaranteeing high levels of security.

MECHANICAL CONTROL
Easy to use thanks to intuitive and simple mechanical controls.

ANTI-FROST FUNCTION

		CALDOSTILE M
	Code	99448
	EAN	8021183994483
Thermal power (min - max)	W	1200 + 800
Power setting		0 / 1200 / 2000
Dimensions (Larg. x Alt. x Prof.)	mm	210x305x158
Dimensions (with packaging) (Larg. x Alt. x Prof.)	mm	240x335x188
Weight (without packaging)	kg	1,4
Weight (with packaging)	kg	1,8
Insulation class		II
Protection level		IP X0
Fan speed		1
Power supply	V-F-Hz	220-240 - 1 - 50
Power cable		2 x 1
Conformity Mark		CE
Ceramic resistance		√
Timer		
Room thermostat		√
Safety thermostat		√
Fan only function		√
Oscillation		
Turnover protection switch		√
Anti-frost function		√
Power setting		√
LED indicators		√
Tilt adjustment		√

CALDOSTILE D

FEATURES

Max thermal output: 2000 W
Ceramic Resistance
Timer
Display touch LCD
Room Thermostat
Safety thermostat
Only fan function
90° Oscillation
Turnover protection switch
Anti-frost function

SOFT TOUCH DISPLAY
Soft touch keyboard.

OSCILLATION
90° oscillation for amplified heat distribution.

REMOTE CONTROL

TIMER

CERAMIC TECHNOLOGY
Ceramic heating element modulates the emission of heat depending on the temperature, guaranteeing high levels of security.

		CALDOSTILE D
	Code	99449
	EAN	8021183994490
Thermal power (min - max)	W	1200 + 800
Power setting		0 / 1200 / 2000
Dimensions (Larg. x Alt. x Prof.)	mm	238x337x173
Dimensions (with packaging) (Larg. x Alt. x Prof.)	mm	268x367x203
Weight (without packaging)	kg	1,8
Weight (with packaging)	kg	2,2
Insulation class		II
Protection level		IP X0
Fan speed		1
Power supply	V-F-Hz	220-240 - 1 - 50
Power cable		2 x 1
Conformity Mark		CE
ceramic resistance		√
Timer		√
Room thermostat		√
Safety thermostat		√
Fan only function		√
Oscillation		√
Turnover protection switch		√
Anti-frost function		√
Power setting		√
Remote control		√

CALDOSTILE DT

CALDOSTILE DT   Cod. 99450

FEATURES

Max thermal output: 2200 W
Ceramic Resistance
Timer
Display touch LCD
Room Thermostat
Safety thermostat
Only fan function
Oscillation
Turnover protection switch
Anti-frost function
Power setting
Remote control

SOFT TOUCH DISPLAY

REMOTE CONTROL

SUPER POWER
Up to 2200 W.

OSCILLATION
90° oscillation for amplified heat distribution.

TIMER

		CALDOSTILE DT
	Code	99450
	EAN	8021183994506
Thermal power (min - max)	W	1100 - 2200
Power setting		0 / 1100 / 2200
Dimensions (Larg. x Alt. x Prof.)	mm	215x548x215
Dimensions (with packaging) (Larg. x Alt. x Prof.)	mm	245x578x245
Weight (without packaging)	kg	2,6
Weight (with packaging)	kg	3,2
Insulation class		II
Protection level		IP X0
Fan speed		1
Power supply	V-F-Hz	220-240 - 1 - 50
Power cable		2 x 1
Conformity Mark		CE
Ceramic resistance		√
Timer		√
Room thermostat		√
Safety thermostat		√
Fan only function		√
Oscillation		√
Turnover protection switch		√
Anti-frost function		√
Power setting		√
Remote control		√

RADICAL TORRE METAL

FEATURES

PTC high efficiency resistance
Superpower: max thermal output: 2200 W
3 power settings (800-1400-2200W)
Eco function
LCD Display
Digital Control
90° Oscillation
12h Timer
Turnover protection switch
Safety thermostat
Room Thermostat
Anti-frost function
Handle
Max room volume: 70 m³

Design by Ercoli & Garlandini

DIGITAL CONTROL
Sleek electronic display, fully designed to ensure ease of use. The display is used to set the timer (12 h), select the power level or activate the ECO function.

CERAMIC TECHNOLOGY
Ceramic heating element modulates the emission of heat depending on the temperature, guaranteeing high levels of security.

ECO FUNCTION
It adjusts power absorption according to the temperature setting to reduce consumption.

METALLIC FINISHING
With elegant silver inserts.

OSCILLATION
90° oscillation for amplified heat distribution.

SUPER WARM
Among the most powerful of its category, up to 2200 W.

		RADICAL TORRE METAL
	Code	99519
	EAN	8021183995190
Thermal power (min - max)	W	ECO - 1400 - 2200
Heating volume (max)	m³	70
Dimensions (W x H x D)	mm	217 x 525 x 209
Weight (without packaging)	Kg	3,0
Power supply	V-F-Hz	230 - 1 -50
PTC Heater		√
Room thermostat		√
Safety thermostat		√
Mechanical controls		
Digital controls		√
LCD Display		√
Soft touch Keypad		
12h Timer		√
Remote control		√
90° Oscillation		√
Eco Function		√
Fan only Function		√
Anti-frost Function		√
Turnover protection switch		√
Handle		√

CALDO UP T

FEATURES

Max thermal output : 2000 w
Ceramic technology
3 settings: only fan/low/high
Remote control
LED Display
8h timer
Anti-overheating protection
Practical wall mount
Automatic swing flap
Light power indicator
Weekly programming timer
Window opening detector

LED DISPLAY
Advanced technology to facilitate use.

REMOTE CONTROL
To rapidly set all functions.

WEEKLY PROGRAMMING TIMER
Timer programming up to 8h.

LARGE FLAP
To direct the flow of hot air.

CERAMIC TECHNOLOGY
Up to 2000 W.

		CALDO UP T
	Cod.	99364
	EAN	8021183993646
Thermal power (min - max)	W	1000 - 2000
Heating volume (max)	m³	65
Units per master gift box		4
Dimensions (W x H x D)	mm	560 x 185 x 145
Dimensions (With packing) (W x H x D)	mm	595 x 225 x 170
Weight (without packing)	Kg	2,8
Weight (with packing)	Kg	3,1
Power supply	V-F-Hz	220/240-1-50
PTC Heater		√
Room thermostat		√
Safety thermostat		√
Power selector		√
Mechanical controls		
Digital controls		√
LCD Display		
Soft touch Keypad		
12h Timer		
Remote control		√
Adjustable flap		√
Eco Function		
Fan only Function		√
Anti-frost Function		√
Turnover protection switch		
Handle		
Wall mount		√

CALDO CRYSTAL

CALDO CRYSTAL   Cod. 99409

FEATURES

Thermal power max 2000 W
Ceramic heater
Flap swing can be remote controlled
8h timer
Weekly timer with 3 daytime periods.
Eco/boost/comfort/fan only function
Front touch panel
Multi-function remote control
IP23 protection rating against falling liquids up to 60 degrees
from vertical
Ionizer
Anti-overheating device
Temperature indication
Anti-frost device

CERAMIC TECHNOLOGY
Up to 2000 W.

IONIZER
For purer air.

SAFETY SYSTEM
Anti-frost mode/ Anti-overheating detector.

MULTI-FUNCTION REMOTE CONTROL

WEEKLY PROGRAMMING TIMER

IP23
IP23 PROTECTION RATING
Against vertical dripping, up to 60°
from vertical.

		CALDO CRYSTAL
	Cod.	99409
	EAN	8021183996838
Thermal power	W	2000
Power settings		0 / 1200 / 2000
Heating volume (max)	m³	60
Units per master gift box		6
Dimensions (W x H x D)	mm	560 x 208 x 150
Gift box Dimensions (W x H x D)	mm	630 x 255 x 190
Master dimensions (W x H x D)	mm	640 x 520 x 583
Weight (without packing)	kg	3,5
Weight (with packing)	kg	4,0
Weight master	kg	25,0
Insulation class		II
Degrees of protection provided by enclosures		IP 23
Fan speeds		1
Conformity Mark		CE
Needles resistance		√
Timer		√
Weekly timer		√
Environment thermostat		√
Safety thermostat		√
Ventilation function		√
Wall support		√
Oscillating function		
Anti-turn over switch		
Humidifier		
Anti-ice function		√
Power selector		√
Power supply cable housing		

OLIMPIA
SPLENDID
HOME OF COMFORT
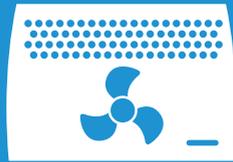
THERMOCONVECTORS

CALEO

FEATURES

Max thermal output: 2000 W
3 power settings: 750 - 1250 - 2000 W
Mechanical controls
Safety thermostat
Wall or floor installation
Wall mounting kit included
Max room volume: 60 m³

Design by Ercoli & Garlandini

FAST HEATING
The design of the grille in the upper part widens the convection range, making Caleo a very low inertia convector, ideal when a room needs to be heated very quickly.

METAL FRAME
The clean shape, lightness and solidity of Caleo are made possible by the painted metal frame and shell.

COMPACT TECHNOLOGY
Extremely compact shape and only 12 cm thick.

DOUBLE USE
Free-standing or wall installation.

		CALEO 2
	Code	99553
	EAN	8021183995534
Thermal power (Min - Med - Max)	W	750 - 1250 - 2000
Heating volume (max)	m³	60
Dimensions (W x H x D)	mm	638 x 475 x 120
Weight (without packaging)	Kg	4,3
Power supply	V-F-Hz	230 - 1 - 50
Room Thermostat		√
Safety Thermostat		√
Wall installation		√
Eco function		
Anti-frost Function		√
Turbo Function		
24h Timer		

CALEO **T** / CALEO **TT**

Design by Ercoli & Garlandini

FEATURES

Max thermal output: 2000 W
3 power settings: 1000 - 1000+fan
2000 +fan
Mechanical controls
Safety thermostat
Wall or floor installation
Turbo Function: auxiliary fan
24h Timer (only Caleo TT)
Wall mounting kit included
Max room volume: 60 m³

FAST HEATING
The design of the grille in the upper part widens the convection range, making Caleo a very low inertia convector, ideal when a room needs to be heated very quickly.

METAL FRAME
The clean shape, lightness and solidity of Caleo are made possible by the painted metal frame and shell.

COMPACT TECHNOLOGY
Extremely compact shape and only 12 cm thick.

TIMER
24h timer programming. (only TT version)

TURBO FUNCTION
The turbo mode with auxiliary ventilation maximizes heat distribution for an immediate heating and maximum comfort.

DOUBLE USE
Free-standing or wall installation.

		CALEO 2 TURBO	CALEO 2 TURBO TIMER
	Code	99552	99551
	EAN	8021183995527	8021183995510
Thermal power (Min - Med - Max)	W	1000 - 1000+fan - 2000+fan	1000 - 1000+fan - 2000+fan
Heating volume (max)	m³	70	70
Dimensions (W x H x D)	mm	638 x 475 x 120	638 x 475 x 120
Weight (without packaging)	Kg	4,3	4,3
Power supply	V-F-Hz	230 - 1 - 50	230 - 1 - 50
Room Thermostat		√	√
Safety Thermostat		√	√
Wall installation		√	√
Eco function			
Anti-frost Function		√	√
Turbo Function		√	√
24h Timer			√

RADIATORS

CALDORAD

CALDORAD 7 Cod. 99620
CALDORAD 9 Cod. 99619
CALDORAD 9TT Cod. 99617
CALDORAD 11 Cod. 99618

CALDORAD 7

CALDORAD 9

CALDORAD 9 TT

CALDORAD 11

FEATURES

4 different versions:
  CaldoRad 7 (max thermal output 1500 W)
  CaldoRad 9 (max thermal output 2000 W)
  CaldoRad 11 (max thermal output 2500 W)
  CaldoRad 9 TT (max thermal output 2000 + 400 W)
Mechanical controls
Safety thermostat
Room thermostat
Turnover protection switch
Anti-frost function
Handles
Wheels
Cable winder
24h timer*

SUPER INERTIA
The special engineering of the metal elements and openings on the sides, enable heat to be spread homogeneously and guarantee long heating maintenance times. Ideal for heating large rooms.

ECO FUNCTION
CaldoRad, thanks to the Eco function, is able to modulate the input power depending on the measured temperature, reducing the consumption and increasing the comfort levels.

SILENT SYSTEM
Oil-filled radiators can heat rooms in complete silence.

TIMER*
24 h timer programming. (only 9 TT version)

* Available only on model Caldorad 9TT

		CALDORAD 7	CALDORAD 9	CALDORAD 11	CALDORAD 9TT
	Code	99620	99619	99618	99617
	EAN	8021183996203	8021183996197	8021183996180	8021183996173
Thermal power (Min - Med - Max)	W	ECO 700 - 800 - 1500	ECO 1000 - 1000 - 2000	ECO 1200-1300 -2500	ECO 1000-1000-2000 (+400)
Heating volume (max)	m³	50	50	75	75
Dimensions (W x H x D)	mm	235 x 620 x 340	235 x 620 x 420	235 x 620 x 500	235 x 620 x 420
Thickness					
Weight	Kg	8,7	10,4	12,3	11
Oil	l	2,2	2,8	3,3	2,8
Power supply	V-F-Hz	230 - 1 - 50	230 - 1 - 50	230 - 1 - 50	230 - 1 - 50
24h Timer					√
Environment thermostat		√	√	√	√
Safety thermostat		√	√	√	√
Ventilation function					√
Turnover protection switch		√	√	√	√
Eco Function		√	√	√	√
Anti-frost Function		√	√	√	√
Wheels		√	√	√	√
Handles		√	√	√	√
Power supply cable housing		√	√	√	√

CALDORAD 7/9 DIGITAL

CALDORAD 7 DIGITAL   Cod. 99623
CALDORAD 9 DIGITAL   Cod. 99622

FEATURES

2 different versions:
  CaldoRad 7 Digital (max thermal output: 1500W)
  CaldoRad 9 Digital (max thermal output 2000W)
Digital controls
2 power settings (from 700 to 2000 W)
Display LCD
24h timer
Handles
Wheels
Safety thermostat
Room thermostat
Anti turn over switch
Cable winder

CALDORAD 9 DIGITAL

CALDORAD 7 DIGITAL

SUPER INERTIA
The special engineering of the metal elements and openings on the sides, enable heat to be spread homogeneously and guarantee long heating maintenance times. Ideal for heating large rooms.
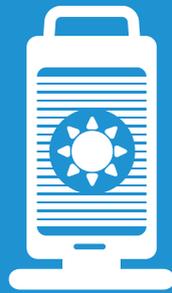
TIMER
24 h timer programming.

SILENT SYSTEM
Oil-filled radiators can heat rooms in complete silence.

		CALDORAD 7 DIGITAL	CALDORAD 9 DIGITAL
	Code	99623	99622
	EAN	8021183996234	8021183996227
Thermal power (Min - Med - Max)	W	700 - 1500	1000 - 2000
Heating volume (max)	m³	50	50
Dimensions (W x H x D)	mm	243 x 620 x 340	235 x 620 x 420
Thickness			
Weight	Kg	8,9	10,6
Oil	l	2,2	2,8
Power supply	V-F-Hz	230 - 1 - 50	230 - 1 - 50
24h Timer		√	√
Environment thermostat		√	√
Safety thermostat		√	√
Ventilation function			
Turnover protection switch		√	√
Eco Function			
Anti-frost Function		√	√
Wheels		√	√
Handles		√	√
Power supply cable housing		√	√

INFRARED HEATERS

SOLARIA EVO

FEATURES

3 power settings (400 - 800 - 1200 W)
90° Oscillation
Safety thermostat
Anti turn over switch
Handle
Max room volume: 45 m^3

HALOGEN TECHNOLOGY

Maximum heating speed. Halogen technology guarantees uniform comfort and extreme rapidity.

OSCILLATION

90° oscillation for amplified heat distribution.

USER FRIENDLY

Practical and ergonomic handle, for an even easier trasport.
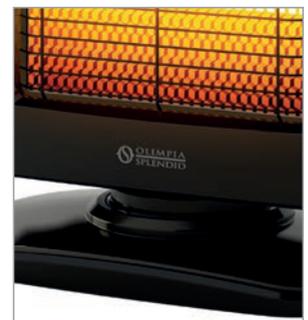
		SOLARIA EVO	SOLARIA EVO S
	Code	99545	99546
	EAN	8021183995459	8021183993967
Thermal power	W	400 - 800 - 1200	
Humidifier power absorption	m³	45	
Heating volume (max)	mm	585 x 325 x 222	
Dimensions (W x H x D)	mm	618 x 325 x 167	
Weight	Kg	1,8	
Power supply	V-F-Hz	220/240 - 1 50/60	
Safety thermostat		√	
Oscillating function		√	
Turnover protection switch		√	
Handle			

CARBON BLACK

FEATURES

Max thermal output 1100 W
2 power settings (600 - 1100 W)
Mechanical controls
90° Oscillation
Safety thermostat
Anti turn over switch
Handle
Max room volume: 45 m^3

CARBON TECHNOLOGY
The infrared lamps are made in carbon fibre, an ecological technology that makes the most of heating by minimizing light dispersion.

OSCILLATION
90° oscillation for amplified heat distribution.

		CARBON BLACK
	Code	99579
	EAN	8021183995794
Thermal power	W	550 - 1100
Humidifier power absorption	W	-
Heating volume (max)	m³	45
Dimensions (W x H x D)	mm	320 x 640 x 240
Weight	Kg	2,2
Power supply	V-F-Hz	220/240 - 1 50/60
Safety thermostat		√
Oscillating function		√
Turnover protection switch		√
Handle		√

SOLARIA CARBON

SOLARIA CARBON   Cod. 99610

FEATURES

Max hermal output 1100 W
2 power settings (600 - 1100 W)
Mechanical controls
90° Oscillation
Radiation direction: the lamp can be inclined up to 80°
orienting the heat upwards
Safety thermostat
Anti turn over switch
Handle
Max room volume: 45 m^3

CARBON TECHNOLOGY
The infrared lamps are made in carbon fibre, an ecological technology that makes the most of heating by minimizing light dispersion.

OSCILLATION
90° oscillation for amplified heat distribution.

ORIENTING
The infrared lamp can be inclined up to 80 ° orienting the heat upwards, for greater heating comfort.

288

		SOLARIA CARBON
	Code	99610
	EAN	8021183996104
Thermal power	W	600 - 1100
Humidifier power absorption	W	-
Heating volume (max)	m³	45
Dimensions (W x H x D)	mm	456 x 690 x 170
Weight	Kg	3,2
Power supply	V-F-Hz	230 - 1 - 50
Safety thermostat		√
Oscillating function		√
Turnover protection switch		√
Handle		√

GAS STOVES

STOVY INFRA / INFRA TURBO THERMO

STOVY INFRA BLACK	Cod. 99387
STOVY INFRA SILVER	Cod. 99386
STOVY INFRA SILVER/WHITE	Cod. 99385
STOVY INFRA TURBO THERMO	Cod. 99384

STOVY INFRA BLACK

STOVY INFRA SILVER

PRATICA INFRA
SILVER/WHITE

STOVY INFRA
TURBO THERMO

FEATURES

Max thermal output: 4200 W
3 power settings (1400 - 2800 - 4200 W)
Fuel: LPG
Crossflow fan: Pratica Infra Turbo Thermo has a crossflow fan which allows faster and more uniform heating
Enamelled steel body
Space for 15 kg cylinder
IMQ mark
Pressure regulator
Valve tap
Gas hose and Pressure
Regulator included
Max room volume: 120 m^3

MADE IN ITALY
Guaranteed quality and safety.

DOUBLE SAFETY
Double safety system thanks to the atmosphere analyzer that:
- automatically turns off the heater if the carbon dioxide level in the air reaches 1,5%;
- automatically cuts off the gas flow in case of accidental switch off of the heater.

IMQ MARK
The IMQ mark is issued by the Italian Quality Mark Institute and guarantees conformity with the safety requirements of a product and of the materials it is made of.

INFRARED TECHNOLOGY
To heat faster and effectively, the radiant group is composed of ceramic plates, that can be managed independently and capable of delivering different powers of heat. The infrared technology allows heating without wasting energy. The infrared technology does not heat the air but only the surfaces, allowing considerable savings in consumption.

		STOVY INFRA SCHWARZ	STOVY INFRA SILBER	STOVY INFRA SILBER/WEISS	STOVY INFRA TURBO THERMO
	Code	99387	99386	99385	99384
	EAN	8021183993875	8021183993868	8021183993851	8021183993844
Fuel		GPL	GPL	GPL	GPL
Gas supply pressure	mbar	30 - 37	30 - 37	30 - 37	30 - 37
Nominal thermal flow - Pn (max-med-min)	KW	4,2 - 2,8 - 1,4	4,2 - 2,8 - 1,4	4,2 - 2,8 - 1,4	4,2 - 2,8 - 1,4
Rated consumption (max-med-min)	g / h	300 - 190 - 110	300 - 190 - 110	300 - 190 - 110	300 - 190 - 110
Heating volume (min - max)	m³	120	120	120	140
Dimensions (H x W x D)	mm	780 x 430 x 330	780 x 430 x 330	780 x 430 x 330	780 x 430 x 330
Weight	Kg	13,6	13,6	13,6	15,3
Weight (without packaging)		12,4	12,4	12,4	14,1
Electrical heating power	W	-	-	-	1000 + 1000
Infrared Technology		√	√	√	√
Gas safety valve		√	√	√	√
Pressure regulator		√	√	√	√
Indoor thermostat					
Steel structure		√	√	√	√
Pilot burner		√	√	√	√
Safety system with atmosphere analyser		√	√	√	√
Great movement wheels		√	√	√	√
Piezoelectric ignition		√	√	√	√
Wall fixing					
Fan					√
Indicator light					

INFRA METANO / SUPER INFRA METANO TURBO

INFRA METANO BLUE   Cod. 99897
INFRA METANO GRAY   Cod. 99892
SUPER INFRA METANO TURBO   Cod. 99827

INFRA METANO
BLUE

SUPER INFRA
METANO TURBO

INFRA METANO
GRAY

FEATURES

Max thermal output: 4200 W
3 power settings: Infra Metano versions
(1400 - 2800 - 4000 W)
Super Infra Metano version (1400 - 2800
4200 W)
Fuel: Methane
Crossflow fan:Super Infra Metano Turbo has a crossflow
fan which allows faster and more uniform heating
Enamelled steel body
Wall or floor installation
Pressure regulator
Valve tap
Max room volume: 120 m^3

INFRARED TECHNOLOGY
To heat faster and effectively, the radiant group is composed of ceramic plates, that can be managed independently and capable of delivering different powers of heat. The infrared technology allows heating without wasting energy. The infrared technology does not heat the air but only the surfaces, allowing considerable savings in consumption.

DOUBLE SAFETY
Double safety system thanks to the atmosphere analyzer that:
- automatically turns off the heater if the carbon dioxide level in the air reaches 1,5%;
- automatically cuts off the gas flow in case of accidental switch off of the heater.

MADE IN ITALY
Guaranteed quality and safety.

		INFRA METANO BLUE	INFRA METANO GRAY	SUPER INFRA METANO TURBO
	Code	99897	99892	99827
	EAN	8021183998979	8021183998924	8021183998276
Fuel		Methane	Methane	Methane
Gas supply pressure	mbar	20	20	20
Nominal thermal flow - Pn (max-med-min)	KW	4- 2,8 - 1,4	4- 2,8 - 1,4	4- 2,8 - 1,4
Rated consumption (max-med-min)	g / h	0,41 - 0,27 - 0,15	0,41 - 0,27 - 0,15	0,41 - 0,27 - 0,15
Heating volume (min - max)	m³	100	100	100
Dimensions (H x W x D)	mm	630 x 405 x 130	630 x 405 x 130	630 x 405 x 130
Weight	Kg	11	11	11
Electrical heating power	W			
Infrared Technology		√	√	√
Gas safety valve		√	√	√
Pressure regulator				
Indoor thermostat				
Steel structure		√	√	√
Pilot burner		√	√	√
Safety system with atmosphere analyser		√	√	√
Great movement wheels				
Piezoelectric ignition		√	√	√
Wall fixing		√	√	√
Fan				
Indicator light				

SG SERIES

FEATURES

Max thermal output: 4000 W
Fuel: Methane - LPG
Body in porcelain finish steel
Safety valve
Room thermostat
Stainless steel gas burner
3 colours available: white, grey and brown
Max room volume: 125 - 230 m^3

MADE IN ITALY
Guaranteed quality and safety.

SG 80 HE   Cod. 99400
SG 90 TURBO HE   Cod. 99399

FEATURES

Max thermal output: 8000 W - 9000 W
Fuel: Methane - LPG
Body in porcelain finish steel
Safety valve
Room thermostat
Double safety thermostat
Stainless steel gas burner
Max room volume: 230 - 260 m^3

SG 80 HE

SG 90 TURBO HE

MADE IN ITALY
Guaranteed quality and safety.

SG 120 HE   Cod. 99398
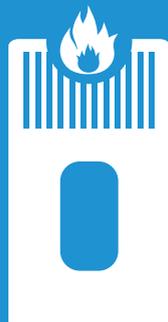SG 125 TURBO HE   Cod. 99397

FEATURES

Max thermal output: 12000 W
Fuel: Methane - LPG
Body in porcelain finish steel
Safety valve
Room thermostat
Double safety thermostat
Max room volume: 335 m^3

SG 125 TURBO HE

SG 120 HE

MADE IN ITALY
Guaranteed quality and safety.

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		SG 60 HE	SG 80 HE	SG 90 TURBO HE	SG120 HE	SG 125 TURBO HE
	Code	99401	99400	99399	99398	99397
	EAN	8021183994018	8021183994001	8021183993998	8021183993981	8021183993974
Appliance type		B11 BS	B11 BS	B11 BS	B11 BS	B11 BS
Gas cathegory		II2H3+	II2H3+	II2H3+	II2H3+	II2H3+
Gas set-up		METANO (G20)	METANO (G20)	METANO (G20)	METANO (G20)	METANO (G20)
Gas supply pressure	mbar	20	20	20	20	20
Direct heat output	kW	5,1	6,3	7,3	8,9	
Rated heat output	kW	5,1	6,3	7,3	8,9	
Maximum consumption	l/h	634	787	906	1102	
Minimum consumption	l/h	202	175	193	182	
Number of Kanthal bars		1	1	-	-	
Pilot injector (ø)	mm	0,36	0,36	0,36	0,36	0,36
Minimum injector (bypass)		ADJUSTABLE	ADJUSTABLE	ADJUSTABLE	ADJUSTABLE	ADJUSTABLE
Air adjustment		CLOSED	CLOSED	CLOSED	CLOSED	CLOSED
Air necessary for combustion	m³ / h	16	16	18	16	24
Drain pipe diameter	mm	80	80	80	100	100
Heating volume (min - max)	m³	125 - 230	125 - 230	140 - 260	125 - 230	215 - 335
Product dimensions (WxHxD)	mm	580 x 720 x 260	720 x 720 x 260	780 x 720 x 260	720 x 720 x 260	900 x 720 x 260
Weight (without packaging)	kg	18	26	31	26	36
Conformity Markings		CE	CE	CE	CE	CE
Alternative gas		L.P.G. (G30-G31)	L.P.G. (G30-G31)	L.P.G. (G30-G31)	L.P.G. (G30-G31)	L.P.G. (G30-G31)
Gas supply pressure mbar	mbar	30-37	30-37	30-37	30-37	30-37
Rated consumption	g / h	630	630	700	630	945
Burner injector (ø)	mm	1,40	1,40	1,45	1,40	1,70
Pilot injector (ø)	mm	0,19	0,19	0,19	0,19	0,19
Minimum injector (bypass)	mm	0,60	0,60	0,60	0,60	0,70
Air adjustment	mm	10,0	10,0	CHIUSA	10,0	10,0
Safety gas valve		√	√	√	√	√
Room thermostat		√	√	√	√	√
Steel structure		√	√	√	√	√
Pilot burner		√	√	√	√	√
Castor wheels						
Piezoelectric ignition"		√	√	√	√	√
Adjustable power		√	√	√	√	√
Fan						√
Luminous indicator						√

OLIMPIA
SPLENDID
HOME OF COMFORT

PELLET STOVES

MIA

The first **modern pellet stove**, stackable and customizable. .

MIA IS UNIQUE, NOT ONLY IN ITS DESIGN but also in its technology and high-quality materials.

MADE IN ITALY
MIA, a warranty of quality and experience.

HIGH EFFICIENCY

Excellent performances: average productivity higher than 91% on the whole range.

TOTAL CUSTOMIZATION

MIA's combustion chamber is embedded in a structure which, thanks to the standardized dimensions, allows complete modularity with the whole range of available accessories. The front covers system allows MIA to suit any architectural style.

Mia Stile is characterized by its contemporary design, with versatile and elegant shapes that suit any environment perfectly, from the most modern to the most classical.

Mia Vertical is characterized by a simple aesthetic, with sharp lines and compact shapes, in a real Industrial style, for more urban tastes and minimal environments.

Mia Stile   Mia Vertical

A **W**ORLD OF **A**CCESSORIES

Thanks to the range of available accessories, every Mia stove is a unique piece, custom-tailored for the most diverse needs. All the accessories are compatible with all sizes and can be placed on both sides of the stove.
There are two basic modules, with the following dimensions: 40x40 or 80x40 cm, and they both can be combined with the shelves and doors.

HIGH **Q**UALITY OF **M**ATERIALS

The fireplace and the brazier are made of thick inox steel, which ensures durability in time and makes maintenance extremely easy.
The user-friendly display is completely integrated in the design thanks to the hidden closure mechanism.
To complete the structure, there are a real leather lace with a laser-manufactured button that simplifies the opening of the structure's door, and interior design legs in a contemporary style.
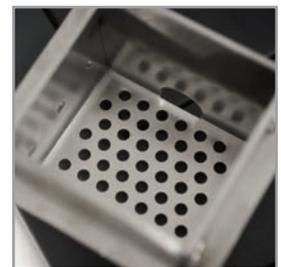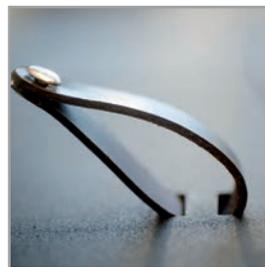
DESIGN OF **E**XCELLENCE

Simplicity and lightness are the main feature of Mia, its modern design has been awarded in some of the most famous international Design contests.

reddot design award 2015

MIA has been awarded the REDDOT DESIGN 2015 price, for the perfect integration between technology and design.

GOOD DESIGN

Mia has been awarded the GOOD DESIGN 2015 price, released by the prestigious Chicago University.

MIA 2 7,5

MIA, a stove with endless options.

reddot design award 2015

GOOD DESIGN

FEATURES

Firebox thermal power (min - max): 3,4-7,3 KW
Power (min - max): 3,11-6,8 KW
Average Efficiency: 91,6%
Heating volume: 80m² - 229m³
Operating autonomy: 13,9 h*
Capacious tank: 15kg of pellet capacity, equal to 1 bag of pellets to guarantee a long operating time
Programmable electronic control system
Integrated display, adjustable and user-friendly
Double door with magnetic closure
Internal door seal in "Glass fiber"
Multifunction remote control

Covers available in the colors:

TÜVRheinland

PLUS

Display with daily and weekly programming.

Combustion chamber system with front access.

Extremely compact dimensions, only 52 cm of depth.

Extremely reduced consumption.

TOTAL FLAT front aesthetic

Mia Stile

Mia Vertical

*at average functioning and 15kg of pellet

MIA **2** 9

reddot design award 2015

GOOD DESIGN

OLIMPIA
SPLENDID
HOME OF COMFORT

TÜVRheinland ®

FEATURES

303

Firebox thermal power (min-max): 3,25-8,5 KW
Power (min-max): 3,07-7,9 KW
Average Efficiency: 92,3%
Heating volume: 110m² - 300m³
Operating autonomy: 12,2 h*
Capacious tank: 15kg of pellet capacity, equal to 1 bag of pellets to guarantee a long operating time
Programmable electronic control system
Integrated display, adjustable and user-friendly
Double door with magnetic closure
Internal door seal in "Glass fiber"
Multifunction remote control

Covers available in the colors:

PLUS

Display with daily and weekly programming.

Combustion chamber system with front access.

Extremely compact dimensions, only 52 cm of depth.

Extremely reduced consumption.

TOTAL FLAT front aesthetic

Mia Stile

Mia Vertical

*at average functioning and 15kg of pellet

M|A **2** 11

reddot design award 2015

GOOD DESIGN

FEATURES

Firebox thermal power (min-max): 3,25-10 KW
Power (min-max): 3,07-9,2 KW
Average Efficiency: 91,5%
Heating volume: 140m² - 380m³
Operating autonomy: 10,8 h*
Capacious tank: 15kg of pellet capacity, equal to 1 bag of pellets to guarantee a long operating time
Programmable electronic control system
Integrated display, adjustable and user-friendly
Double door with magnetic closure
Internal door seal in "Glass fiber"
Multifunction remote control

Covers available in the colors:

TÜVRheinland

PLUS

Display with daily and weekly programming.

Combustion chamber system with front access.

Extremely compact dimensions, only 52 cm of depth.

Extremely reduced consumption.

TOTAL FLAT front aesthetic

Mia Stile

Mia Vertical

*at average functioning and 15kg of pellet

OLIMPIA SPLENDID
HOME OF COMFORT

Product name		MIA2 7,5	MIA2 9	MIA2 11
Product code		99469	99477	99476
Firebox thermal power (min - max)	KW	3,38 - 7,29	2,09 - 7,29	2,09 - 10,0
Rated thermal power (min - max)	KW	3,11 - 6,66	2,00 - 7,64	2,00 - 8,88
Hourly consumption of wood ovules (min -max)	Kg / h	0,7 - 1,5	0,4 - 1,8	0,4 - 2,1
Efficiency (minimum thermal power)	%	91,68	95,48	95,48
Efficiency (maximum thermal power)	%	91,26	89,84	88,78
CO at 13% of oxygen (at mininum power)	mg/m^3	400	178	178
CO at 23% of oxygen (at maximum power)	mg/m^3	202	209	161
Flue temperature	°C	87 - 142	52,3 - 138,2	52,3 - 154,2
Mass fumes (min - max)	g / s	4 - 5	2,7 - 6,9	2,7 - 7,8
Heating volume	m^3	229	300	380
Dimensions (Height. X Width. X Depth.)	mm	1000x455x521	1050x455x520	1050x455x520
Dimensions with packaging (Height. X Width. X Depth.)	mm	1170x610x570	1190x610x570	1190x610x570
Weight (without door)	kg	63,0	73,0	73,0
Door weight	kg	73,0	83,0	83,0
Diameter of smokes discharge pipes	Ø mm	80	80	80
Pellet ovules dimension	Ø mm	6	6	6
Voltage	V	230	230	230
Frequency	Hz	50	50	50
Feed tank capacity	kg	15	15	15
Operating autonomy (minimum setting)	h	20	30	34

Features				
Fire door with self-cleaning ceramic glass		√	√	√
Digital control panel		√	√	√
Electric ignition with resistance		√	√	√
Pellet tank top loading		√	√	√
Room temperature management		√	√	√
Daily and weekly ignition programmable management		√	√	√
Remote control		√	√	√
Back and exchanger in cast iron				
Double combustion		√	√	√
Forced draft		√	√	√
Hot air ducting with possibility of partialization				

Art.	Code
COVER STILE ORANGE	B0690
COVER STILE WHITE	B0691
COVER STILE SILVER	B0692
COVER VERTICAL ORANGE	B0694
COVER VERTICAL WHITE	B0695

Art.	Code
COVER VERTICAL SILVER	B0696
MODULE 40X40X53	B0697
MODULE 80X40X53	B0698
DOOR 37,5x37,5	B0699
SHELF 40	B0700

Art.	Code
SHELF 80	B0701
MODULE PORT-PELLET 40X40X53	B0702
HANDRAIL	B0703
SCOOP KIT	B0704

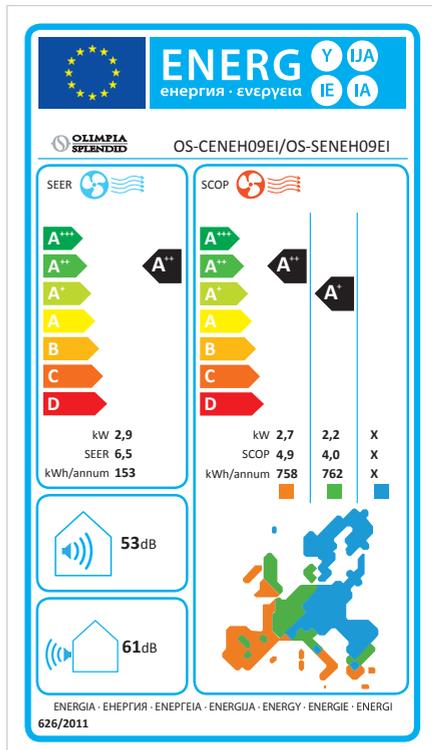# **E**nergy **L**abel

DOUBLE DUCT AIR CONDITIONERS (UNICO)

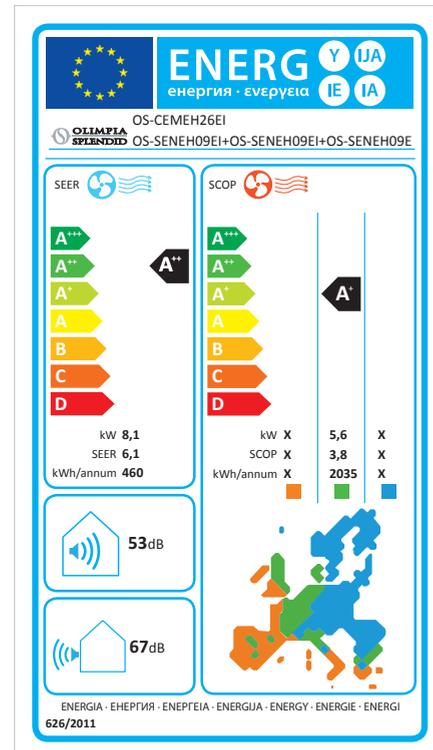### Energy efficiency class from **A+++** to **D**

Double duct, single duct, fixed and wall spilt air conditioner Reference Regulation:
EUROPEAN REGULATION (EU) N. 626/2011
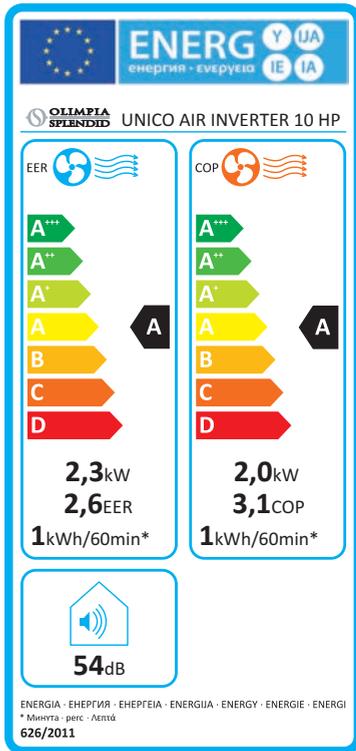
SINGLE DUCT AIR CONDITIONERS (PORTABLE)

Energy efficiency class from **A+++** to **D**

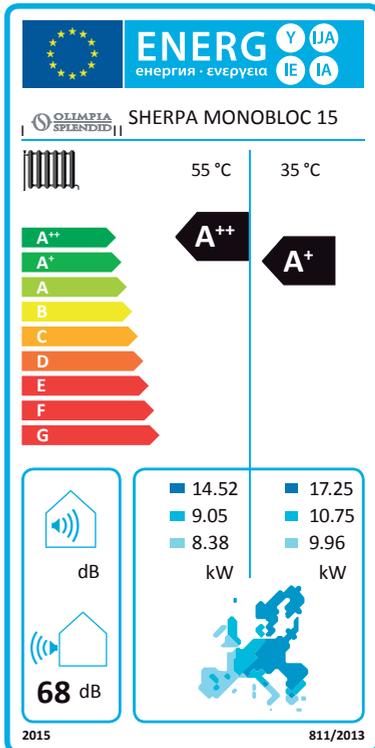## MONOSPLIT AIR CONDITIONER

Energy efficiency class from **A+++** to **D**

MULTISPLIT AIR CONDITIONER

Energy efficiency class from **A+++** to **D**
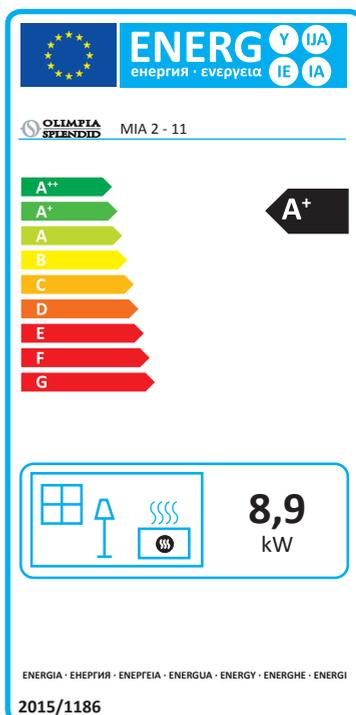
AIR WATER LOW TEMPERATURE 35°C HEAT PUMPS (SHERPA)

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Y IJA IE IA

OLIMPIA SPLENDID — SHERPA MONOBLOC 15

	55 °C	35 °C
A++		
A+	**A++**	**A+**
A		
B		
C		
D		
E		
F		
G		

dB	14.52 / 9.05 / 8.38 kW	17.25 / 10.75 / 9.96 kW
68 dB		

2015 — 811/2013

Energy efficiency class from **A++** to **G**

AIR WATER HIGH TEMPERATURE 55°C HEAT PUMPS (SHERPA)

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Y IJA IE IA

OLIMPIA SPLENDID — SHERPA MONOBLOC 15

	55 °C	35 °C
A++		
A+	**A++**	**A+**
A		
B		
C		
D		
E		
F		
G		

dB	14.52 / 9.05 / 8.38 kW	17.25 / 10.75 / 9.96 kW
68 dB		
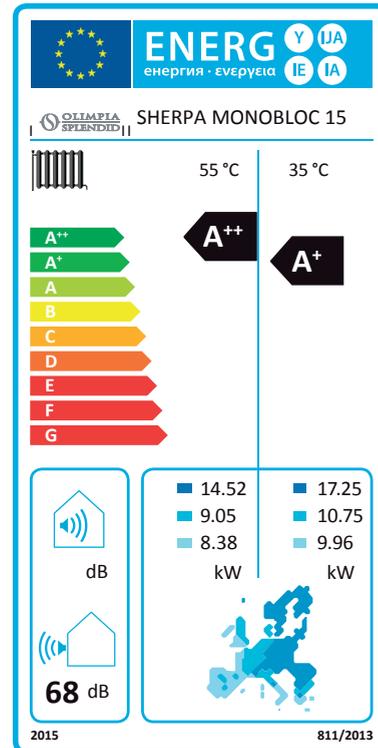
2015 — 811/2013

Energy efficiency class from **A++** to **G**

PELLET STOVES (MIA)

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Y IJA IE IA

OLIMPIA SPLENDID — MIA 2 - 11

A++	
A+	**A+**
A	
B	
C	
D	
E	
F	
G	

8,9 kW

ENERGIA · ЕНЕРГИЯ · ΕΝΕΡΓΕΙΑ · ENERGUA · ENERGY · ENERGHE · ENERGI

2015/1186

Energy efficiency class from **A++** to **G**

Air-water heat pumps Reference Regulation:

EUROPEAN REGULATION (EU) N. 811/2013

Pellet stove Reference Regulation:

EUROPEAN REGULATION (EU) N. 2015/1186

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HOME OF COMFORT

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