



2

Split

Split heat pump air
conditioners

 **OLIMPIA
SPLENDID**
HOME OF COMFORT





Year-round full comfort

The Olimpia Splendid range offers complete solutions in terms of efficiency and air quality.

Efficient and sustainable solutions

Olimpia Splendid split heat pump air conditioners offer the perfect combination of efficiency and sustainability. Thanks to the latest-generation inverter compressors, capable of achieving energy class A+ ++, they guarantee optimal comfort with maximum energy savings. The ideal choice for those who want to improve indoor comfort in a sustainable way.

A new air quality

The quality of the air we breathe at home is essential for our daily well-being. Olimpia Splendid designs air conditioners that also act on air treatment, making it cleaner and healthier. The internal units are equipped with advanced filtration systems capable of reducing microparticles (up to PM 2.5) and, where possible, they allow a correct air exchange, for an even healthier environment.





Solutions for every need

Olimpia Splendid split heat pump air conditioners allow you to install the right climate in every home

Mono-Split solutions

Ideal for those who need to air-condition a single room with a simple installation, Olimpia Splendid monosplit air conditioners stand out for their high energy efficiency, which reaches A++ + for capacities up to 12 and A++ for higher outputs.

Multi-Split solutions

For those who need to precisely control the temperature in individual rooms, Olimpia Splendid offers modular multisplit solutions. Thanks to the possibility of installing up to 3 internal units, with a single external motor, it is possible to design customised systems, choosing the size that best suits each room.



Split heat pump air conditioners

Monosplit

		EXTERNAL	INDOOR	FILTRATION	ENERGY CLASS	SIZE
	Alysea [E]	Alysea E Inverter 9	OS-CEAAH09EI	OS-SEAAH09EI	antidust high density HEPA 11 silver ions	 9
		Alysea E Inverter 12	OS-CEAAH12EI	OS-SEAAH12EI	antidust high density HEPA 11 silver ions	 12
	Lybex [E]	Lybex E Inverter 9	OS-CELIH09EI	OS-SELIH09EI	antidust	 9
		Lybex E Inverter 12	OS-CELIH12EI	OS-SELIH12EI	antidust	 12
	Mystral [S1 E]	Mystral S1 E Inverter 9	OS-CEMTH09EI	OS-SEMTH09EI	antidust	 9
		Mystral S1 E Inverter 12	OS-CEMTH12EI	OS-SEMTH12EI	antidust	 12
		Mystral S1 E Inverter 18	OS-CEMTH18EI	OS-SEMTH18EI	antidust	 18
		Mystral S1 E Inverter 24	OS-CEMTH24EI	OS-SEMTH24EI	antidust	 24
	Aryal [S1 E]	Aryal S1 E Inverter 10 C	OS-KEAPH10EI	OS-SEAPH10EI	antidust activated carbons catalysts	 10
		Aryal S1 E Inverter 12 C	OS-KEAPH12EI	OS-SEAPH12EI	antidust activated carbons catalysts	 12
		Aryal S1 E Inverter 18 C	OS-KEAPH18EI	OS-SEAPH18EI	antidust activated carbons catalysts	 18
		Aryal S1 E Inverter 24 C	OS-KEAPH24EI	OS-SEAPH24EI	antidust activated carbons catalysts	 24
	Aryal [S2 E]	Aryal S2 E Inverter 10 	OS-CAAQH10EI	OS-SAAQH10EI	antidust activated carbons catalysts	 10
		Aryal S2 E Inverter 12 	OS-CAAQH12EI	OS-SAAQH12EI	antidust activated carbons catalysts	 12
		Aryal S2 E Inverter 18 	OS-CAAQH18EI	OS-SAAQH18EI	antidust activated carbons catalysts	 18
		Aryal S2 E Inverter 24 	OS-CAAQH24EI	OS-SAAQH24EI	antidust activated carbons catalysts	 24

Multisplit



Aryal Multisplit [I-Phenix]

	EXTERNAL	INDOOR 9/10	INDOOR 12	INDOOR 18	ENERGY CLASS	SIZE
Aryal S2 E Dual Inverter 14	OS-CAAMH14EI	OS-SEPHH09EI	OS-SEPHH12EI	-		14
Aryal S2 E Dual Inverter 18	OS-CAAMH18EI	OS-SEPHH09EI	OS-SEPHH12EI	-		18
Aryal S2 E Trial Inverter 21	OS-CAAMH21EI	OS-SEPHH09EI	OS-SEPHH12EI	-		21



Aryal Multisplit [I-Aryal S2]

Aryal S2 E Dual Inverter 14	OS-CAAMH14EI	OS-SAAQH10EI	OS-SAAQH12EI	-		14
Aryal S2 E Dual Inverter 18	OS-CAAMH18EI	OS-SAAQH10EI	OS-SAAQH12EI	OS-SAAQH18EI		18
Aryal S2 E Trial Inverter 21	OS-CAAMH21EI	OS-SAAQH10EI	OS-SAAQH12EI	OS-SAAQH18EI		21

Key

STANDARD CONTROLS



OS Comfort mobile application



Remote control



OS Home mobile application



Remote control with temperature sensor

FUNCTIONS



Auto Mode

Modulates the operating parameters, depending on the setpoint and ambient temperature.



Breeze Away

It avoids direct drafts and improves the diffusion of airflow, creating a fresh breeze.



Auto-diagnosis

Shows the error code on the display, in the event of a fault.



Eco Mode

It allows energy savings, optimising power to reduce consumption.



Auto-restart

Restarts the machine to the last set function, in the event of a power failure.



Eco+ Mode

Thanks to integrated AI, the air conditioner analyses scenarios and user habits, predicts indoor temperature variations and adjusts the temperature and ventilation speed parameters in advance, ensuring maximum energy savings.



Children's Lock

Blocking command possibilities, to limit access to younger children.



Fresh Air

It renews indoor air by introducing fresh outdoor air (with an air flow rate of 60 m³/h), which is cooled or heated to maintain the indoor temperature setpoint.



Gentle Wind

Gentle airflow to avoid direct draughts, thanks to micro-holes on the internal fins.



Temperature Sensor

Improves comfort where the occupants of the room are, thanks to the remote control with temperature sensor.



Humidity Control

Thanks to smart control of the internal coil temperature and the environment, the air conditioner dynamically adjusts compressor frequency and ventilation speed, to keep humidity between 40% and 60%.



Silent Mode

Reduces the noise of the product, for greater acoustic comfort.



Ionizer

It creates ions that bind to harmful particles dispersed in the air, preventing them from being inhaled.



Sleep Mode

Gradually adjusts the set temperature, for greater night-time well-being.



Power Gear

Optimises energy consumption through 3 selectable maximum power options (50-75-100%).



Sterilisation at 56°C

Automatically cleans and dries the evaporator, eliminating dust, mould and grease and preventing the formation of bacteria.



Defrost

It provides automatic defrosting, preventing the formation of ice in the external unit during heating operation in the winter season.



Vertical swing

Improved air flow distribution, thanks to automatic vertical flap oscillation.



Filter Cleaning Signal

Shows the filter replacement and cleaning alarm.



Vertical and horizontal swing

Improved air flow distribution, thanks to automatic horizontal and vertical flap oscillation.



Self Clean

Automatically cleans and dries the evaporator, removing dust, mould and grease.



Timer

Sets automatic powering on and/or off.



Smart Light Sensor

Reduces the brightness of the display, in case of lights off, for greater night-time well-being.



Turbo Mode

Used to achieve the desired thermal comfort in the shortest time possible.

SPLIT HEAT PUMP AIR CONDITIONERS

ALYSEA

[E]

Size	9, 12
Energy class	A+++
Type	monosplit
Filtration	antidust high density HEPA 11 silver ions
Application	residential



Fresh Air Technology

It allows the air in a room to be renewed by bringing in air from outside. The inlet hole allows an air flow rate of 60m³/h that is cooled or heated to maintain the set temperature inside the room. Compared with a conventional air conditioner, it significantly reduces the concentration of Co2 and pollutants in the air.

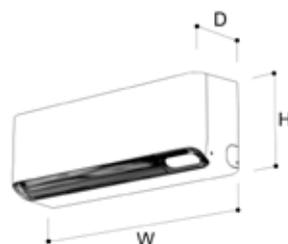
4 stages of filtration and air control display

Thanks to an advanced filtration system (primary, high-density, HEPA 11 and silver ion filter), it purifies the fresh air and the air in the room with an effectiveness of more than 99% on bacteria and 94% on ultrafine particles (PM 2.5). Air quality is also always under control through the color display that shows, in real time, the concentration of airborne pollutants and automatically turns off once the light inside the room is turned off.

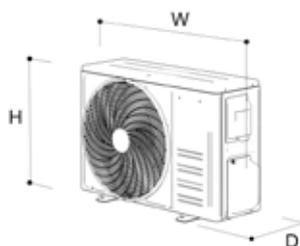
TECHNICAL INFO

- Golden Fin treatment on the outdoor unit battery to prevent corrosive weathering.

DIMENSIONS AND WEIGHT



		9	12
W	mm	888	888
H	mm	313	313
D	mm	205	205
WEIGHT	kg	10,5	11,0



		9	12
W	mm	777	795
H	mm	498	549
D	mm	290	305
WEIGHT	kg	20,5	24,5

- Cooling
- Heating
- Dehumidification
- Ventilation
- Auto Mode
- Auto-diagnosis
- Auto-restart
- Eco Mode
- Fresh Air
- Gentle Wind
- Defrost
- Filter Cleaning Signal
- Smart Light Sensor
- Temperature Sensor
- Silent Mode
- Sleep Mode
- Sterilisation at 56°C
- Vertical and horizontal swing
- Timer
- Turbo Mode

COMPATIBLE ACCESSORIES

80999 | Wireless control for radiators



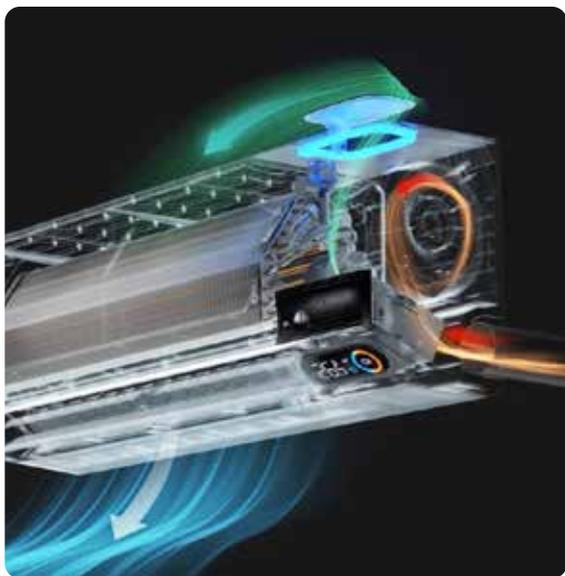
Operation and installation

Alysea allows external air to be introduced through a specific air renewal inlet, which can be positioned at the back or side of the internal unit



Watch the installation video on Youtube

UNICO



Fresh air supplied from outside

Good indoor air quality is an integral part of a comfortable, healthy and safe home. The Italian National Institute of Health (Istituto Superiore di Sanità) and leading scientific experts agree on the importance of introducing fresh outdoor air into indoor spaces to reduce the concentration of pollutants dispersed in the air.

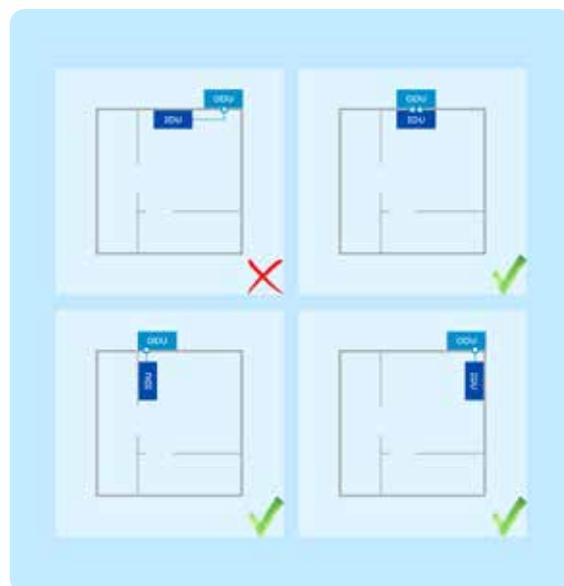
Thanks to its innovative Fresh Air technology, Alysea allows outdoor air intake - with a flow rate of 60m³/h - through a dedicated fresh air inlet that can be positioned either at the rear of the internal unit (in the case of installation on the perimeter wall) or on the side (in the case of installation on the internal wall).

Recommended installation methods

Alysea can be installed in two different configurations. If the internal unit is placed on a perimeter wall of the room, it is possible to make the rear exit (behind the unit itself) for the two pipes (refrigerant and air renewal) by creating two 70 mm diameter holes intersecting each other (overall dimensions 105 mm).

Alternatively, the two pipes (refrigerant and fresh air) can exit laterally towards the perimeter wall, either to the right or left, by creating a single hole with a diameter of 70 mm. In these cases, the distance between the perimeter wall and the fresh air connection of the internal unit must not exceed 1.7 m (the sum of the lengths of the extensions).

For more details, consult the additional installation specifications in the download area of the website Olimpiasplendid.it



SPLIT

DOLCECLIMA

Advanced air quality monitoring

With Alysea the indoor air quality is always under control. Through the colour display, it is possible to view, in real time and intuitively, the concentration of pollutants dispersed in the air. And activate the air conditioner as soon as the air quality decreases. For air that is always fresh and purified.

PELER

SPLIT HEAT PUMP AIR CONDITIONERS

LYBEX

[E]

Size	9, 12
Energy class	A+++
Type	monosplit
Filtration	antidust
Application	residential



High energy efficiency

Maximum optimization of energy consumption in both cooling (energy class A+++) and heating (A++ in average climate) to ensure efficient comfort in every season of the year.

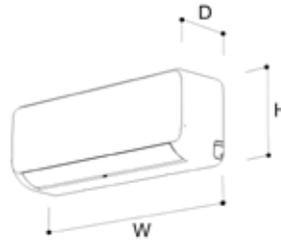
Matt finishing

Total white indoor unit with matte finish, which helps harmonize the air conditioner with the wall behind it.

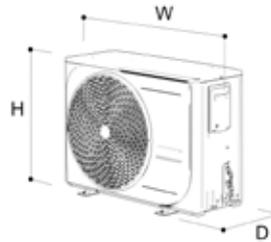
TECHNICAL INFO

- Manual oscillation of horizontal airflow.
- Golden Fin treatment on the outdoor unit battery to prevent corrosive weathering.

DIMENSIONS AND WEIGHT



		9	12
W	mm	820	820
H	mm	300	300
D	mm	200	200
WEIGHT	kg	9,5	9,5



		9	12
W	mm	812	812
H	mm	540	540
D	mm	314	314
WEIGHT	kg	24,0	24,0

-  **Cooling**
-  **Heating**
-  **Dehumidification**
-  **Ventilation**
-  **Auto Mode**
-  **Auto-diagnosis**
-  **Auto-restart**
-  **Children's Lock**
-  **Eco Mode**
-  **Defrost**
-  **Self Clean**
-  **Silent Mode**
-  **Sleep Mode**
-  **Vertical swing**
-  **Timer**
-  **Turbo Mode**

COMPATIBLE ACCESSORIES

80999 | Wireless control for radiators 



SPLIT HEAT PUMP AIR CONDITIONERS

MYSTRAL

[S1 E]

Size	9, 12, 18, 24
Energy class	A++
Type	monosplit
Filtration	antidust
Application	residential



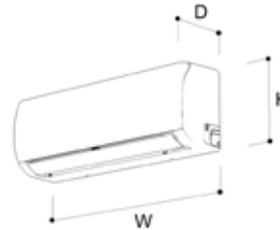
Up to 24,000 BTU/h of cooling capacity

It allows even the largest rooms to be air-conditioned all year round, delivering up to 6.6 kW of maximum output in cooling mode and 6.8 kW in heating mode. Therefore, it is also ideal for integrating or replacing a gas heating system, electrifying and optimising energy consumption of the home.

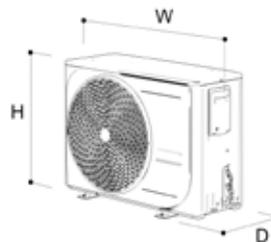
TECHNICAL INFO

- Manual oscillation of horizontal airflow.
- Golden Fin treatment on the outdoor unit battery to prevent corrosive weathering.

DIMENSIONS AND WEIGHT



		9	12	18	24
W	mm	780	780	850	950
H	mm	276	276	276	313
D	mm	202	202	202	240
WEIGHT	kg	8,0	8,0	11,0	14,0



		9	12	18	24
W	mm	720	720	898	898
H	mm	473	473	546	546
D	mm	298	298	345	345
WEIGHT	kg	20,0	20,0	28,0	30,0

- Cooling
- Heating
- Dehumidification
- Ventilation
- Auto Mode
- Auto-diagnosis
- Auto-restart
- Children's Lock
- Eco Mode
- Defrost
- Self Clean
- Silent Mode
- Sleep Mode
- Vertical swing
- Timer
- Turbo Mode

COMPATIBLE ACCESSORIES

80999 | Wireless control for radiators



SPLIT HEAT PUMP AIR CONDITIONERS

ARYAL

[S1 E]

Size	10, 12, 18, 24
Energy class	A++
Type	monosplit
Filtration	antidust activated carbons catalysts
Application	residential



Air Quality Technology

To improve indoor air quality in home environments, the unit is equipped with a triple-stage filtration system that combines a pre-filter (with anti-dust function), an activated carbon filter, effective against odors, and a cold catalytic filter capable of reducing impurities.

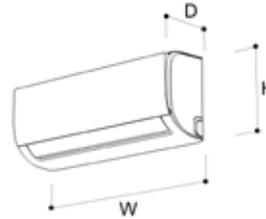
High output, in every season of the year

It allows even the largest rooms to be air-conditioned all year round, delivering up to 7.9 kW of maximum output in both cooling and heating modes. Therefore, it is also ideal for integrating or replacing a gas heating system, electrifying and optimising energy consumption of the home.

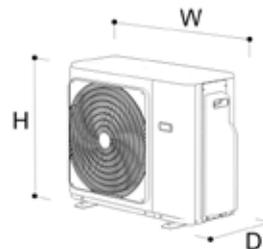
TECHNICAL INFO

- Manual oscillation of horizontal airflow.
- Golden Fin treatment on the outdoor unit battery to prevent corrosive weathering.
- Wireless connectivity can be integrated by easily installing the USB flash drive, included in the indoor unit packaging.

DIMENSIONS AND WEIGHT



		10	12	18	24
W	mm	805	805	957	1040
H	mm	285	285	302	327
D	mm	194	194	213	220
WEIGHT	kg	7,6	7,6	10,0	12,3



		10	12	18	24
W	mm	720	720	805	890
H	mm	495	495	554	673
D	mm	270	270	330	342
WEIGHT	kg	23,2	23,2	32,7	42,9

-  **Cooling**
-  **Heating**
-  **Dehumidification**
-  **Ventilation**
-  **Auto Mode**
-  **Auto-diagnosis**
-  **Auto-restart**
-  **Defrost**
-  **Self Clean**
-  **Temperature Sensor**
-  **Silent Mode**
-  **Sleep Mode**
-  **Vertical swing**
-  **Timer**
-  **Turbo Mode**



SPLIT HEAT PUMP AIR CONDITIONERS

ARYAL

[S2 E]

Size	10, 12, 18, 24
Energy class	A++
Type	monosplit
Filtration	antidust activated carbons catalysts
Application	residential



Superior comfort, thanks to AI

Artificial intelligence, active in the Eco+ and Humidity Control functions, analyses the main variables affecting indoor comfort and automatically adjusts the internal parameters to reach the desired temperature, optimising consumption while maintaining ideal humidity levels.

Air Quality Technology

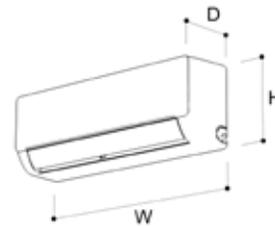
To improve indoor air quality in home environments, the unit is equipped with a triple-stage filtration system that combines a pre-filter (with anti-dust function), an activated carbon filter, effective against odors, and a cold catalytic filter capable of reducing impurities.

TECHNICAL INFO

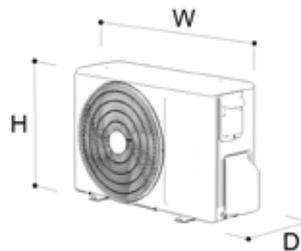
- Manual oscillation of horizontal airflow.
- Golden Fin treatment on the outdoor unit battery to prevent corrosive weathering.
- Wireless connectivity can be integrated by easily installing the USB flash drive, included in the indoor unit packaging.
- Remote control holder as standard.
- Bracket with pull-down structure for easy installation and disassembly for maintenance, allowing the indoor unit to be lifted while remaining fixed to the wall.
- Daily, weekly and monthly energy consumption monitoring via App.



DIMENSIONS AND WEIGHT



		10	12	18	24
W	mm	723	813	975	1055
H	mm	286	289	308	330
D	mm	199	201	218	231
WEIGHT	kg	7,0	8,0	10,4	12,4



		10	12	18	24
W	mm	720	720	805	890
H	mm	495	495	554	673
D	mm	270	270	330	342
WEIGHT	kg	20,4	21,1	30,3	38,3

COMPATIBLE ACCESSORIES

B0999	Wireless control for radiators	NEW
B1234	Wireless 4-wire wall control	NEW
B1235	Multifunction interface kit	NEW

- Cooling
- Heating
- Dehumidification
- Ventilation
- Auto Mode
- Auto-diagnosis
- Auto-restart
- Children's Lock
- Breeze Away
- Eco+ Mode
- Humidity Control
- Power Gear
- Defrost
- Temperature Sensor
- Silent Mode
- Sleep Mode
- Sterilisation at 56°C
- Vertical swing
- Timer
- Turbo Mode

SPLIT HEAT PUMP AIR CONDITIONERS

ARYAL MULTISPLIT

[I-PHENIX]

Size	14, 18, 21
Energy class	A++
Type	multisplit
Filtration	antidust activated carbons catalysts
Application	residential



Modular system

Available in dual and trial versions to air condition up to 3 rooms with a single external motor, the system is modular: systems can be designed by selecting the right size according to the thermal load of the system. At Olimpiasplesndid.it you can check the combinations that qualify for incentives.

Healthier air, thanks to triple filtration and ionization

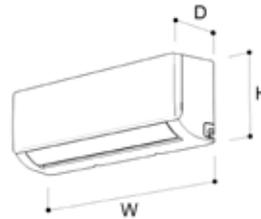
The air in the room is first filtered through a triple-stage system that combines the pre-filter (with anti-dust function), an activated carbon filter, effective against bad odors, and a cold catalytic filter capable of reducing impurities. For even purer and healthier air, the ionizer also comes into action: thanks to negative ions, it neutralizes residual pollutant particles, making them heavier and easier to eliminate for a cleaner environment.

TECHNICAL INFO

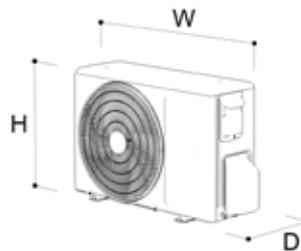
- Golden Fin treatment on the outdoor unit battery to prevent corrosive weathering.
- Wireless connectivity can be integrated by easily installing the USB flash drive, included in the indoor unit packaging.



DIMENSIONS AND WEIGHT



		9	12
W	mm	835	835
H	mm	295	295
D	mm	208	208
WEIGHT	kg	8,7	8,7



		14	18	21
W	mm	805	805	890
H	mm	554	554	673
D	mm	330	330	342
WEIGHT	kg	31,6	35,0	43,3

-  **Cooling**
-  **Heating**
-  **Dehumidification**
-  **Ventilation**
-  **Auto Mode**
-  **Auto-diagnosis**
-  **Auto-restart**
-  **Ionizer**
-  **Defrost**
-  **Temperature Sensor**
-  **Sleep Mode**
-  **Vertical and horizontal swing**
-  **Timer**
-  **Turbo Mode**

SPLIT HEAT PUMP AIR CONDITIONERS

ARYAL MULTISPLIT

[I-ARYAL S2]

Size	14, 18, 21
Energy class	A++
Type	multisplit
Filtration	antidust activated carbons catalysts
Application	residential



Modular system

Available in dual and triad versions to air condition up to 3 rooms with a single external motor, the system is modular: systems can be designed by selecting the right size according to the thermal load of the system. At Olimpiasplendid.it you can check the combinations that qualify for incentives.

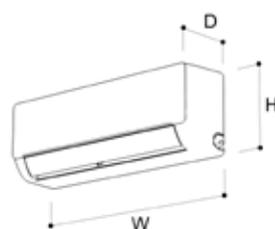
Air Quality Technology

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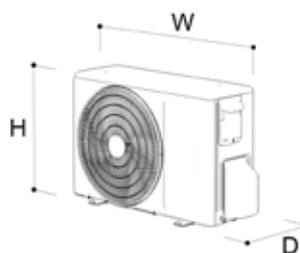
TECHNICAL INFO

- Manual oscillation of horizontal airflow.
- Golden Fin treatment on the outdoor unit battery to prevent corrosive weathering.
- Wireless connectivity can be integrated by easily installing the USB flash drive, included in the indoor unit packaging.
- Remote control holder as standard.
- Bracket with pull-down structure for easy installation and disassembly for maintenance, allowing the indoor unit to be lifted while remaining fixed to the wall.
- Daily, weekly and monthly energy consumption monitoring via App.

DIMENSIONS AND WEIGHT



		10	12	18
W	mm	723	813	975
H	mm	286	289	308
D	mm	199	201	218
WEIGHT	kg	7,0	8,0	10,4



		14	18	21
W	mm	805	805	890
H	mm	554	554	673
D	mm	330	330	342
WEIGHT	kg	31,6	35,0	43,3

- Cooling
- Heating
- Dehumidification
- Ventilation
- Auto Mode
- Auto-diagnosis
- Auto-restart
- Children's Lock
- Defrost
- Temperature Sensor
- Sleep Mode
- Vertical swing
- Timer
- Turbo Mode

COMPATIBLE ACCESSORIES

B0999	Wireless control for radiators	
B1234	Wireless 4-wire wall control	
B1235	Multifunction interface kit	



TECHNICAL DATA

			Alysea E Inverter 9	Alysea E Inverter 12	Lybex E Inverter 9	Lybex E Inverter 12	
Indoor unit code			OS-SEAAH09EI	OS-SEAAH12EI	OS-SELIH09EI	OS-SELIH12EI	
Indoor unit EAN code			8021183121148	8021183121179	8021183122787	8021183122817	
Outdoor unit code			OS-CEAAH09EI	OS-CEAAH12EI	OS-CELIH09EI	OS-CELIH12EI	
Outdoor unit EAN code			8021183121155	8021183121186	8021183122794	8021183122824	
Product code			OS-C/SEAAH09EI	OS-C/SEAAH12EI	OS-C/SELIH09EI	OS-C/SELIH12EI	
EAN code			8021183121131	8021183121162	8021183122770	8021183122800	
Output power in cooling mode (min/rated/max)			(1) kW	0,8/2,63/3,5	1/3,53/4	0,3/2,6/3,7	0,3/3,5/4,2
Output power in heating mode (min/rated/max)			(1) kW	1,0/2,83/3,9	1/3,8/4,5	0,3/2,6/4,2	0,3/3,5/4,6
Absorbed power in cooling mode (min/rated/max)			(1) kW	0,24/0,649/1,5	0,29/0,895/1,65	0,15/0,55/1,3	0,15/0,87/1,4
Absorbed power in heating mode (min/rated/max)			(1) kW	0,24/0,665/1,615	0,29/0,969/1,93	0,15/0,5/1,25	0,15/0,78/1,43
Absorption in cooling mode (min/nom/max)			(1) A	1,2/3,8/7	1,5/4,7/9,2	0,8/2,5/5,8	0,8/3,9/6,2
Absorption in heating mode (min/nom/max)			(1) A	1,2/4/7,5	1,5/5,1/10	0,8/2,3/5,6	0,8/3,5/6,4
EER			(1)	4,05	3,94	4,73	4,02
COP			(1)	4,25	3,92	5,2	4,49
Maximum power consumption in cooling mode			(2) kW	1,5	1,65	1,7	1,9
Maximum power consumption in heating mode			(3) kW	1,62	1,93	1,7	1,9
Energy efficiency class in cooling			(4)	A+++	A+++	A+++	A+++
Energy efficiency class in heating mode - Average season			(4)	A++	A++	A++	A++
Energy efficiency class in heating mode - Warmer season			(4)	A+++	A+++	A+++	A+++
Energy efficiency class in heating mode - Cold season			(4)	A	A	-	-
Annual energy consumption in cooling mode			(4) kWh/year	107	144	106	142
Annual energy consumption in heating mode - Average season			(4) kWh/year	639	761	718	964
Annual energy consumption in heating mode - Warmer season			(4) kWh/year	631	769	676	890
Annual energy consumption in heating mode - Cold season			(4) kWh/year	1792	2162	-	-
Dehumidification capacity			(5) l/h	1	1,2	0,9	0,9
PROJECT LOADS (EN 14825)	Cooling	Pdesignc	(4) kW	2,6	3,5	2,6	3,5
	Heating - Mid Season	Pdesignh	(4) kW	2,1	2,5	2,4	3,2
	Heating - Hot season	Pdesignh	(4) kW	2,3	2,8	2,5	3,3
	Heating - Cold Season	Pdesignh	(4) kW	2,9	3,5	-	-
SEASONAL EFFICIENCY (EN14825)	Cooling	SEER	(4)	8,5	8,5	8,5	8,5
	Heating - Mid Season	SCOP (A)	(4)	4,6	4,6	4,6	4,6
	Heating - Hot season	SCOP (W)	(4)	5,1	5,1	5,1	5,1
	Heating - Cold Season	SCOP (C)	(4)	3,4	3,4	-	-
INDOOR UNIT	Sound power	LWA	(6) dB(A)	51	51	47	51
	Sound pressure (silent/min/med/max)		(7) dB(A)	22/27/33/38	22/27/33/38	21/27/32/37	22/28/34/41
	Indoor air flow rate in cooling mode (min/average/max)		m³/h	482/542/596	481/542/602	350/450/550	450/550/650
	Indoor air flow rate in heating mode (min/average/max)		m³/h	432/492/553	451/524/608	400/500/600	500/600/700
	Degree of protection of casing			IPX0	IPX0	-	-
	Dimensions (WxHxD) (without packaging)		mm	888x313x205	888x313x205	820x300x200	820x300x200
	Weight (without packaging)		kg	10,5	11,0	9,5	9,5
OUTDOOR UNIT	Dimensions (WxHxD) (with packaging)		mm	988x389x328	988x389x328	892x362x270	892x362x270
	Weight (with packaging)		kg	12,5	13,0	11,0	11,0
	Sound power	LWA	(6) dB(A)	60	61	61	61
	Sound pressure		(8) dB(A)	50	51	51	51
	Air flow rate		m³/h	1900	2200	1400	2000
	Degree of protection of casing			IPX4	IPX4	IPX4	IPX4
	Dimensions (WxHxD) (without packaging)		mm	777x498x290	795x549x305	812x540x314	812x540x314
COOLING CIRCUIT	Weight (without packaging)		kg	20,5	24,5	24,0	24,0
	Dimensions (WxHxD) (with packaging)		mm	838x540x338	852x600x358	850x592x347	850x592x347
	Weight (with packaging)		kg	23,5	26,5	28,0	28,0
	Liquid connection pipeline diameter		inch - mm	1/4"-6,35	1/4"-6,35	1/4"-6,35	1/4"-6,35
	Connecting gas pipeline diameter		inch - mm	3/8"-9,52	3/8"-9,52	3/8"-9,52	3/8"-9,52
	Maximum piping length		m	25	25	15	15
	Maximum height difference		m	10	10	5	5
	Piping length covered by precharge		m	5	5	5	5
	Piping recommended minimum length		m	5	5	5	5
	Refrigerant increase (over 5 m of pipes)		g/m	15	15	15	15
ELECTRICAL CONNECTIONS	Maximum operating pressure (High/Low side)		MPa	3,7/1,2	3,7/1,2	4,2/1,2	4,2/1,2
	Refrigerant gas	Type	(9)	R32	R32	R32	R32
	Global warming potential	GWP		675	675	675	675
	Refrigerant gas charge		kg	0,51	0,605	0,51	0,58
	Indoor Unit Power Supply		V/F/Hz	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50
	External Unit Power Supply		V/F/Hz	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50
	Outdoor unit power supply connection	Pipes		3 x 1,0 mm2	3 x 1,0 mm2	3 x 1,0 mm2	3 x 1,0 mm2
	Indoor - Outdoor unit connection	Pipes		4 x 1,0 mm2	4 x 1,0 mm2	4 x 1,0 mm2	4 x 1,0 mm2
	Maximum Current		A	7,5	10	7,8	8,5

LIMITS OF OPERATING CONDITIONS

Environment	Operating temperatures in cooling mode (min/max)	- / DB 53°C	- / DB 53°C	- / DB 46°C	- / DB 46°C
Outdoor environment	Operating temperatures in heating mode (min/max)	DB -20°C / DB 30°C	DB -20°C / DB 30°C	DB -15°C / DB 27°C	DB -15°C / DB 27°C
Indoor environment	Operating temperatures in cooling mode (min/max)	DB 17°C / DB 32°C	DB 17°C / DB 32°C	DB 16°C / DB 32°C	DB 16°C / DB 32°C
	Operating temperatures in heating mode (min/max)	DB 0°C / DB 30°C			

(1) The data refers to the EN 14511 Standard

(2) Cooling test conditions: indoor temperature DB 32°C - WB 23°C Alysea E models, DB 32°C - WB 23°C Lybex E models; outdoor temperature DB 48°C-WB 34°C Alysea E models, DB 46°C-WB 26°C Lybex E models

(3) Heating test conditions: indoor temperature DB 20°C - WB 15°C Alysea E models, DB 27°C Lybex E models; outdoor temperature DB -15°C Alysea E models, outdoor temperature DB 3°C - WB 2°C Lybex E models

(4) The data refers to the EN 14825 Standard

(5) The data refers to DB 27°C - WB 19°C conditions

(6) The data refers to the EN 12102 Standard

(7) Test conditions: semi-anechoic chamber, unit positioned in free-field conditions, measuring instrument positioned at 1 metre, centred with respect to the internal unit and 0.8 metres below it

(8) Test conditions: semi-anechoic chamber, unit positioned in free-field conditions, measuring instrument positioned at a distance of 1 metre at a height of 1 metre

(9) Non-hermetically sealed equipment containing fluorinated GAS with a GWP equivalent of 675

The actual power consumption of the product, in conditions of real use, may differ from what is indicated. The data are subject to change and modification without prior notice. Energy efficiency classes refer to a range between A+++ and D.

TECHNICAL DATA

				Mystral S1 E Inverter 9	Mystral S1 E Inverter 12	Mystral S1 E Inverter 18	Mystral S1 E Inverter 24	
Indoor unit code				OS-SEMTH09E1	OS-SEMTH12E1	OS-SEMTH18E1	OS-SEMTH24E1	
Indoor unit EAN code				8021183122534	8021183122541	8021183122558	8021183122565	
Outdoor unit code				OS-CEMTH09E1	OS-CEMTH12E1	OS-CEMTH18E1	OS-CEMTH24E1	
Outdoor unit EAN code				8021183122572	8021183122589	8021183122596	8021183122602	
Product code				OS-C/SEMTH09E1	OS-C/SEMTH12E1	OS-C/SEMTH18E1	OS-C/SEMTH24E1	
EAN code				8021183122619	8021183122626	8021183122633	8021183122640	
Output power in cooling mode (min/rated/max)				(1) kW	0,3/2,7/3,8	0,3/3,5/3,8	0,5/5,1/5,4	0,6/6,5/6,6
Output power in heating mode (min/rated/max)				(1) kW	0,3/2,7/3,9	0,3/3,5/3,9	0,5/5,1/5,6	0,6/6,5/6,8
Absorbed power in cooling mode (min/rated/max)				(1) kW	0,15/0,8/1,4	0,15/1,1/1,4	0,17/1,68/1,85	0,21/2,2/1,8
Absorbed power in heating mode (min/rated/max)				(1) kW	0,15/0,72/1,27	0,15/1/1,27	0,17/1,54/1,9	0,21/1,85/2,05
Absorption in cooling mode (min/nom/max)				(1) A	0,8/3,6/6,9	0,8/5/6,9	1,7/9/8,3	1,2/9,2/10
Absorption in heating mode (min/nom/max)				(1) A	0,8/3,3/6,2	0,8/4,5/6,2	1,7/9/8,5	1,2/8,5/9,4
EER				(1)	3,38	3,18	3,04	3,25
COP				(1)	3,75	3,5	3,31	3,51
Maximum power consumption in cooling mode				(2) kW	1,75	1,75	2,4	3
Maximum power consumption in heating mode				(3) kW	1,75	1,75	2,4	3
Energy efficiency class in cooling				(4)	A++	A++	A++	A++
Energy efficiency class in heating mode - Average season				(4)	A+	A+	A+	A+
Energy efficiency class in heating mode - Warmer season				(4)	A+++	A+++	A+++	A+++
Energy efficiency class in heating mode - Cold season				(4)	-	-	-	-
Annual energy consumption in cooling mode				(4) kWh/year	160	203	290	347
Annual energy consumption in heating mode - Average season				(4) kWh/year	905	942	1455	1835
Annual energy consumption in heating mode - Warmer season				(4) kWh/year	765	790	1354	1585
Annual energy consumption in heating mode - Cold season				(4) kWh/year	-	-	-	-
Dehumidification capacity				(5) l/h	1,3	1,3	1,9	2,2
PROJECT LOADS (EN 14825)	Cooling			Pdesigngc (4) kW	2,7	3,5	5,1	6,1
	Heating - Mid Season			Pdesigngh (4) kW	2,6	2,7	4,2	5,3
	Heating - Hot season			Pdesigngh (4) kW	2,8	2,9	5,0	5,8
	Heating - Cold Season			Pdesigngh (4) kW	-	-	-	-
SEASONAL EFFICIENCY (EN14825)	Cooling			SEER (4)	6,1	6,1	6,1	6,1
	Heating - Mid Season			SCOP (A) (4)	4,0	4,0	4,0	4,0
	Heating - Hot season			SCOP (W) (4)	5,1	5,1	5,1	5,1
	Heating - Cold Season			SCOP (C) (4)	-	-	-	-
INDOOR UNIT	Sound power			LWA (6) dB(A)	51	51	50	54
	Sound pressure (silent/min/med/max)			(7) dB(A)	22/28/34/41	22/28/34/41	26/30/35/40	32/36/40/44
	Indoor air flow rate in cooling mode (min/average/max)			m³/h	350/450/550	350/450/550	450/550/650	650/800/950
	Indoor air flow rate in heating mode (min/average/max)			m³/h	400/500/600	400/500/600	500/600/700	700/850/1000
	Degree of protection of casing							
	Dimensions (WxHxD) (without packaging)			mm	780x276x202	780x276x202	850x276x202	950x313x240
	Weight (without packaging)			kg	8,0	8,0	11,0	14,0
	Dimensions (WxHxD) (with packaging)			mm	860x366x301	860x366x301	930x366x301	1045x403x327
	Weight (with packaging)			kg	10,0	10,0	13,0	16,0
	OUTDOOR UNIT	Sound power			LWA (6) dB(A)	61	61	64
Sound pressure			(8) dB(A)	51	51	54	55	
Air flow rate			m³/h	1800	1800	2600	3200	
Degree of protection of casing				IPX4	IPX4	IPX4	IPX4	
Dimensions (WxHxD) (without packaging)			mm	720x473x298	720x473x298	898x546x345	898x546x345	
Weight (without packaging)			kg	20,0	20,0	28,0	30,0	
Dimensions (WxHxD) (with packaging)			mm	777x530x333	777x530x333	934x608x382	934x608x382	
Weight (with packaging)			kg	23,0	23,0	32,0	34,0	
Liquid connection pipeline diameter			inch - mm	1/4"-6,35	1/4"-6,35	1/4"-6,35	1/4"-6,35	
Connecting gas pipeline diameter			inch - mm	3/8"-9,52	3/8"-9,52	3/8"-9,52	1/2"-12,7	
COOLING CIRCUIT	Maximum piping length			m	15	15	15	15
	Maximum height difference			m	5	5	5	5
	Piping length covered by precharge			m	5	5	5	5
	Piping recommended minimum length			m	5	5	5	5
	Refrigerant increase (over 5 m of pipes)			g/m	15	15	15	15
	Maximum operating pressure (High/Low side)			MPa	4,2/1,2	4,2/1,2	4,2/1,2	4,2/1,2
	Refrigerant gas			Type (9)	R32	R32	R32	R32
	Global warming potential			GWP	675	675	675	675
	Refrigerant gas charge			kg	0,49	0,49	1,01	1,2
	Indoor Unit Power Supply			V/F/Hz	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50
ELECTRICAL CONNECTIONS	External Unit Power Supply			V/F/Hz	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50
	Outdoor unit power supply connection			Pipes	3 x 1,0 mm2	3 x 1,0 mm2	3 x 1,5 mm2	3 x 1,5 mm2
	Indoor - Outdoor unit connection			Pipes	4 x 1,0 mm2	4 x 1,0 mm2	4 x 1,5 mm2	4 x 1,5 mm2
	Maximum Current			A	8	8	11	14

LIMITS OF OPERATING CONDITIONS

| Outdoor environment | Operating temperatures in cooling mode (min/max) | - / DB 46°C |
|---------------------|--|--------------------|--------------------|--------------------|--------------------|
| | Operating temperatures in heating mode (min/max) | DB -15°C / DB 27°C |
| Indoor environment | Operating temperatures in cooling mode (min/max) | DB 16°C / DB 32°C |
| | Operating temperatures in heating mode (min/max) | DB 0°C / DB 30°C |

(1) The data refers to the EN 14511 Standard

(2) Cooling test conditions: indoor temperature DB 32°C - WB 23°C; outdoor temperature DB 46°C - WB 26°C

(3) Heating test conditions: indoor temperature DB 27°C; outdoor temperature DB 3°C - WB 2°C

(4) The data refers to the EN 14825 Standard

(5) The data refers to DB 27°C - WB 19°C conditions

(6) The data refers to the EN 12102 Standard

(7) Test conditions: semi-anechoic chamber, unit positioned in free-field conditions, measuring instrument positioned at 1 metre, centred with respect to the internal unit and 0.8 metres below it

(8) Test conditions: semi-anechoic chamber, unit positioned in free-field conditions, measuring instrument positioned at a distance of 1 metre at a height of 1 metre

(9) Non-hermetically sealed equipment containing fluorinated GAS with a GWP equivalent of 675

The actual power consumption of the product, in conditions of real use, may differ from what is indicated. The data are subject to change and modification without prior notice. Energy efficiency classes refer to a range between A+++ and D.

TECHNICAL DATA

				Aryal S1 E Inverter 10 C	Aryal S1 E Inverter 12 C	Aryal S1 E Inverter 18 C	Aryal S1 E Inverter 24 C	
Indoor unit code				OS-SEAPH10EI	OS-SEAPH12EI	OS-SEAPH18EI	OS-SEAPH24EI	
Indoor unit EAN code				8021183115215	8021183115222	8021183115239	8021183115246	
Outdoor unit code				OS-KEAPH10EI	OS-KEAPH12EI	OS-KEAPH18EI	OS-KEAPH24EI	
Outdoor unit EAN code				8021183116564	8021183116588	8021183118827	8021183118834	
Product code				OS-K/SEAPH10EI	OS-K/SEAPH12EI	OS-K/SEAPH18EI	OS-K/SEAPH24EI	
EAN code				8021183116557	8021183116571	8021183118780	8021183118797	
Output power in cooling mode (min/rated/max)				(1) kW	0,91/2,64/3,40	1,11/3,40/4,16	3,39/5,27/5,83	2,08/5,86/7,91
Output power in heating mode (min/rated/max)				(1) kW	0,82/2,93/3,37	1,09/3,68/4,22	3,14/9,75/8,85	1,61/6,07/9,91
Absorbed power in cooling mode (min/rated/max)				(1) kW	0,10/0,73/1,24	0,13/1,04/1,58	0,56/1,55/2,05	0,42/1,78/3,15
Absorbed power in heating mode (min/rated/max)				(1) kW	0,12/0,73/1,20	0,10/0,99/1,68	0,78/1,298/2	0,3/1,608/2,75
Absorption in cooling mode (min/nom/max)				(1) A	0,40/3,20/5,40	0,5/4,56/6,9	2,4/6,7/8,9	1,8/7,7/13,8
Absorption in heating mode (min/nom/max)				(1) A	0,50/3,20/5,20	0,4/4,35/6,9	3,4/5,64/8,7	1,3/6,99/12,2
EER				(1)	3,60	3,28	3,40	3,28
COP				(1)	4,00	3,72	3,83	3,73
Maximum power consumption in cooling mode				(2) kW	2,15	2,15	2,50	3,50
Maximum power consumption in heating mode				(3) kW	2,15	2,15	2,50	3,50
Energy efficiency class in cooling				(4)	A++	A++	A++	A++
Energy efficiency class in heating mode - Average season				(4)	A+	A+	A+	A+
Energy efficiency class in heating mode - Warmer season				(4)	A+++	A+++	A+++	A+++
Energy efficiency class in heating mode - Cold season				(4)	-	-	-	-
Annual energy consumption in cooling mode				(4) kWh/year	156	211	247	405
Annual energy consumption in heating mode - Average season				(4) kWh/year	910	945	1435	1818
Annual energy consumption in heating mode - Warmer season				(4) kWh/year	714	706	1208	1691
Annual energy consumption in heating mode - Cold season				(4) kWh/year	-	-	-	-
Dehumidification capacity				(5) l/h	1,0	1,2	1,6	2,4
PROJECT LOADS (EN 14825)	Cooling	Pdesignc	(4) kW	2,8	3,6	5,2	7,0	
	Heating - Mid Season	Pdesignh	(4) kW	2,6	2,7	4,1	4,8	
	Heating - Hot season	Pdesignh	(4) kW	2,6	2,5	4,4	5,8	
	Heating - Cold Season	Pdesignh	(4) kW	-	-	-	-	
SEASONAL EFFICIENCY (EN14825)	Cooling	SEER	(4)	6,3	6,1	7,4	6,1	
	Heating - Mid Season	SCOP (A)	(4)	4,0	4,0	4,0	4,0	
	Heating - Hot season	SCOP (W)	(4)	5,1	5,1	5,1	4,8	
	Heating - Cold Season	SCOP (C)	(4)	-	-	-	-	
INDOOR UNIT	Sound power	LWA	(6) dB(A)	54	55	56	59	
	Sound pressure (silent/min/med/max)		(7) dB(A)	-25/32/39	-25/35/41	-26/36/42	-36/40/45	
	Indoor air flow rate in cooling mode (min/average/max)		m³/h	325/360/466	314/430/547	540/680/840	662/817/980	
	Indoor air flow rate in heating mode (min/average/max)		m³/h	325/360/466	314/430/625	540/680/840	662/817/980	
	Degree of protection of casing			IPX0	IPX0	IPX0	IPX0	
	Dimensions (WxHxD) (without packaging)		mm	805x285x194	805x285x194	957x302x213	1040x327x220	
	Weight (without packaging)		kg	7,6	7,6	10,0	12,3	
	Dimensions (WxHxD) (with packaging)		mm	870x365x270	870x365x270	1035x385x295	1120x405x315	
OUTDOOR UNIT	Weight (with packaging)		kg	9,7	9,8	13,0	15,8	
	Sound power	LWA	(6) dB(A)	62	63	63	67	
	Sound pressure		(8) dB(A)	55,5	56	56	59	
	Air flow rate		m³/h	1750	1800	2100	3500	
	Degree of protection of casing			IP24	IP24	IPX4	IPX4	
	Dimensions (WxHxD) (without packaging)		mm	720x495x270	720x495x270	805x554x330	890x673x342	
	Weight (without packaging)		kg	23,2	23,2	32,7	42,9	
	Dimensions (WxHxD) (with packaging)		mm	835x540x300	835x540x300	915x615x370	995x740x398	
COOLING CIRCUIT	Weight (with packaging)		kg	25,0	25,0	35,4	45,9	
	Liquid connection pipeline diameter		inch - mm	1/4" - 6,35	1/4" - 6,35	1/4" - 6,35	3/8" - 9,52	
	Connecting gas pipeline diameter		inch - mm	3/8" - 9,52	3/8" - 9,52	1/2" - 12,7	5/8" - 15,9	
	Maximum piping length		m	25	25	30	50	
	Maximum height difference		m	10	10	20	25	
	Piping length covered by precharge		m	5	5	5	5	
	Piping recommended minimum length		m	3	3	3	3	
	Refrigerant increase (over 5 m of pipes)		g/m	12	12	12	24	
	Maximum operating pressure (High/Low side)		MPa	4,3/1,7	4,3/1,7	4,3/1,7	4,3/1,7	
	Refrigerant gas	Type	(9)	R32	R32	R32	R32	
ELECTRICAL CONNECTIONS	Global warming potential	GWP		675	675	675	675	
	Refrigerant gas charge		kg	0,55	0,55	1,08	1,42	
	Indoor Unit Power Supply		V/F/Hz	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	
	External Unit Power Supply		V/F/Hz	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	
	Outdoor unit power supply connection	Pipes		3 x 1,5 mm2	3 x 1,5 mm2	3 x 1,5 mm2	3 x 2,5 mm2	
	Indoor - Outdoor unit connection	Pipes		5 x 1,5 mm2	5 x 1,5 mm2	5 x 1,5 mm2	5 x 2,5 mm2	
Maximum Current		A	10,0	10,0	13,0	15,5		

LIMITS OF OPERATING CONDITIONS

| Environment | Operating temperatures in cooling mode (min/max) | - / DB 50°C |
|----------------------------|--|--------------------|--------------------|--------------------|--------------------|
| Outdoor environment | Operating temperatures in heating mode (min/max) | DB -20°C / DB 24°C |
| Indoor environment | Operating temperatures in cooling mode (min/max) | DB 17°C / DB 32°C |
| | Operating temperatures in heating mode (min/max) | DB 0°C / DB 30°C |

(1) The data refers to the EN 14511 Standard
 (2) Cooling test conditions: indoor temperature DB 32°C - WB 26°C; outdoor temperature DB 37°C
 (3) Heating test conditions: indoor temperature DB 27°C; outdoor temperature DB 3°C - WB 2°C
 (4) The data refers to the EN 14825 Standard
 (5) The data refers to DB 27°C - WB 19°C conditions
 (6) The data refers to the EN 12102 Standard
 (7) Test conditions: semi-anechoic chamber, unit positioned in free-field conditions, measuring instrument positioned at 1 metre, centred with respect to the internal unit and 0.8 metres below it
 (8) Test conditions: semi-anechoic chamber, unit positioned in free-field conditions, measuring instrument positioned at a distance of 1 metre at a height of 1 metre
 (9) Non-hermetically sealed equipment containing fluorinated GAS with a GWP equivalent of 675
 The actual power consumption of the product, in conditions of real use, may differ from what is indicated. The data are subject to change and modification without prior notice. Energy efficiency classes refer to a range between A+++ and D.

TECHNICAL DATA

				NEW	NEW	NEW	NEW	
				Aryal S2 E Inverter 10	Aryal S2 E Inverter 12	Aryal S2 E Inverter 18	Aryal S2 E Inverter 24	
Indoor unit code				OS-SAAQH10EI	OS-SAAQH12EI	OS-SAAQH18EI	OS-SAAQH24EI	
Indoor unit EAN code				8021183123609	8021183123630	8021183123661	8021183123692	
Outdoor unit code				OS-CAAQH10EI	OS-CAAQH12EI	OS-CAAQH18EI	OS-CAAQH24EI	
Outdoor unit EAN code				8021183123616	8021183123647	8021183123678	8021183123708	
Product code				OS-C/SAAQH10EI	OS-C/SAAQH12EI	OS-C/SAAQH18EI	OS-C/SAAQH24EI	
EAN code				8021183123593	8021183123623	8021183123654	8021183123685	
Output power in cooling mode (min/rated/max)				(1) kW	1,08/2,64/3,20	1,38/3,50/3,95	1,80/5,20/5,90	2,00/6,10/7,80
Output power in heating mode (min/rated/max)				(1) kW	0,76/2,93/3,60	1,07/3,81/4,30	1,30/5,40/6,10	1,60/6,74/7,80
Absorbed power in cooling mode (min/rated/max)				(1) kW	0,07/0,76/1,26	0,12/1,08/1,35	0,14/1,60/2,10	0,42/1,89/3,90
Absorbed power in heating mode (min/rated/max)				(1) kW	0,12/0,73/1,16	0,11/1,01/1,25	0,22/1,39/1,70	0,30/1,82/2,50
Absorption in cooling mode (min/nom/max)				(1) A	0,65/5,20/5,60	0,50/5,10/6,10	0,60/7,10/9,30	1,80/8,30/19,00
Absorption in heating mode (min/nom/max)				(1) A	0,95/3,30/5,20	0,50/4,60/5,50	0,90/6,10/7,60	1,30/7,90/11,10
EER				(1)	3,45	3,23	3,25	3,23
COP				(1)	4,00	3,77	3,88	3,71
Maximum power consumption in cooling mode				(2) kW	2,2	2,2	2,8	3,9
Maximum power consumption in heating mode				(3) kW	2,2	2,2	2,8	3,9
Energy efficiency class in cooling				(4)	A++	A++	A++	A++
Energy efficiency class in heating mode - Average season				(4)	A+	A+	A+	A+
Energy efficiency class in heating mode - Warmer season				(4)	A+++	A+++	A+++	A+++
Energy efficiency class in heating mode - Cold season				(4)	-	-	-	-
Annual energy consumption in cooling mode				(4) kWh/year	121	164	246	377
Annual energy consumption in heating mode - Average season				(4) kWh/year	769	934	1400	1639
Annual energy consumption in heating mode - Warmer season				(4) kWh/year	673	726	1318	1373
Annual energy consumption in heating mode - Cold season				(4) kWh/year	-	-	-	-
Dehumidification capacity				(5) l/h	1,1	0,9	2,0	2,9
PROJECT LOADS (EN 14825)	Cooling	Pdesigngc	(4) kW	2,6	3,5	5,2	7,0	
	Heating - Mid Season	Pdesigngh	(4) kW	2,3	2,8	4,1	4,8	
	Heating - Hot season	Pdesigngh	(4) kW	2,5	2,8	4,6	5,0	
	Heating - Cold Season	Pdesigngh	(4) kW	-	-	-	-	
SEASONAL EFFICIENCY (EN14825)	Cooling	SEER	(4)	7,5	7,5	7,4	6,5	
	Heating - Mid Season	SCOP (A)	(4)	4,2	4,2	4,1	4,1	
	Heating - Hot season	SCOP (W)	(4)	5,2	5,4	5,1	5,1	
	Heating - Cold Season	SCOP (C)	(4)	-	-	-	-	
INDOOR UNIT	Sound power	LWA	(6) dB(A)	54	56	58	60	
	Sound pressure (silent/min/med/max)		(7) dB(A)	20/24/34/38	20/25/32/38	20/34/36/43	20/36/38/40	
	Indoor air flow rate in cooling mode (min/average/max)		m³/h	285/360/510	370/450/650	462/568/850	606/725/1039	
	Indoor air flow rate in heating mode (min/average/max)		m³/h	285/360/510	370/450/650	462/568/850	606/725/1039	
	Degree of protection of casing			-	-	-	-	
	Dimensions (WxHxD) (without packaging)		mm	723x286x199	813x289x201	975x308x218	1055x330x231	
	Weight (without packaging)		kg	7,0	8,0	10,4	12,4	
OUTDOOR UNIT	Dimensions (WxHxD) (with packaging)		mm	780x343x265	870x343x265	1050x365x285	1125x405x310	
	Weight (with packaging)		kg	9,2	10,3	13,4	15,9	
	Sound power	LWA	(6) dB(A)	59	62	65	68	
	Sound pressure		(8) dB(A)	54	56	57	60	
	Air flow rate		m³/h	1750	1750	2100	3500	
	Degree of protection of casing			-	-	-	-	
	Dimensions (WxHxD) (without packaging)		mm	720x495x270	720x495x270	805x554x330	890x673x342	
COOLING CIRCUIT	Dimensions (WxHxD) (with packaging)		mm	20,4	21,1	30,3	38,3	
	Weight (without packaging)		mm	835x540x300	835x540x300	915x615x370	995x740x398	
	Weight (with packaging)		kg	22,3	23,0	32,3	41,5	
	Liquid connection pipeline diameter		inch - mm	1/4" - 6,35	1/4" - 6,35	1/4" - 6,35	1/4" - 6,35	
	Connecting gas pipeline diameter		inch - mm	3/8" - 9,52	3/8" - 9,52	1/2" - 12,7	1/2" - 12,7	
	Maximum piping length		m	25	25	30	50	
	Maximum height difference		m	10	10	20	25	
	Piping length covered by precharge		m	5	5	5	5	
	Piping recommended minimum length		m	3	3	3	3	
	Refrigerant increase (over 5 m of pipes)		g/m	12	12	12	12	
	Maximum operating pressure (High/Low side)		MPa	4,3/1,7	4,3/1,7	4,3/1,7	4,3/1,7	
ELECTRICAL CONNECTIONS	Refrigerant gas	Type	(9)	R32	R32	R32	R32	
	Global warming potential	GWP		675	675	675	675	
	Refrigerant gas charge		kg	0,46	0,58	0,80	0,95	
	Indoor Unit Power Supply		V/F/Hz	230 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	
	External Unit Power Supply		V/F/Hz	230 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	
	Outdoor unit power supply connection	Pipes		3 x 1,5 mm2	3 x 1,5 mm2	3 x 1,5 mm2	3 x 2,5 mm2	
	Indoor - Outdoor unit connection	Pipes		5 x 1,5 mm2	5 x 1,5 mm2	5 x 1,5 mm2	5 x 2,5 mm2	
Maximum Current		A	10	10	13	19		

LIMITS OF OPERATING CONDITIONS

| Outdoor environment | Operating temperatures in cooling mode (min/max) | - / DB 50°C |
|---------------------|--|--------------------|--------------------|--------------------|--------------------|
| | Operating temperatures in heating mode (min/max) | DB -20°C / DB 24°C |
| Indoor environment | Operating temperatures in cooling mode (min/max) | DB 16°C / DB 32°C |
| | Operating temperatures in heating mode (min/max) | DB 0°C / DB 30°C |

(1) The data refers to the EN 14511 Standard

(2) Cooling test conditions: indoor temperature DB 32°C - WB 26°C; outdoor temperature DB 37°C

(3) Heating test conditions: indoor temperature DB 27°C; outdoor temperature DB 3°C - WB 2°C

(4) The data refers to the EN 14825 Standard

(5) The data refers to DB 27°C - WB 19°C conditions

(6) The data refers to the EN 12102 Standard

(7) Test conditions: semi-anechoic chamber, unit positioned in free-field conditions, measuring instrument positioned at 1 metre, centred with respect to the internal unit and 0.8 metres below it

(8) Test conditions: semi-anechoic chamber, unit positioned in free-field conditions, measuring instrument positioned at a distance of 1 metre at a height of 1 metre

(9) Non-hermetically sealed equipment containing fluorinated GAS with a GWP equivalent of 675

The actual power consumption of the product, in conditions of real use, may differ from what is indicated. The data are subject to change and modification without prior notice. Energy efficiency classes refer to a range between A+++ and D.

TECHNICAL DATA

				UE Aryal S2 E Dual Inverter 14	UE Aryal S2 E Dual Inverter 18	UE Aryal S2 E Trial Inverter 21	
Outdoor unit code				OS-CAAMH14EI	OS-CAAMH18EI	OS-CAAMH21EI	
Outdoor unit EAN code				8021183119282	8021183119299	8021183119305	
	Output power in cooling mode (min/rated/max)	(1)	kW	1,47/4,1/4,98	2,29/5,28/6,41	1,99-6,15-7,53	
	Output power in heating mode (min/rated/max)	(1)	kW	1,61/4,4/5,12	2,40/5,57/6,71	1,99-6,45-7,75	
	Absorbed power in cooling mode (min/rated/max)	(1)	kW	0,1/1,27/1,6	0,69/1,64/2	0,52-1,91-2,23	
	Absorbed power in heating mode (min/rated/max)	(1)	kW	0,22/1,19/1,45	0,6/1,5/1,75	0,56-1,74-2,15	
	Absorption in cooling mode (min/nom/max)	(1)	A	0,43/5,52/6,96	3/7,13/8,7	2,26-8,3-9,70	
	Absorption in heating mode (min/nom/max)	(1)	A	0,96/5,17/6,3	2,6/6,52/7,61	2,43-7,57-9,34	
	EER	(1)		3,23	3,23	3,23	
	COP	(1)		3,71	3,71	3,71	
	Maximum power consumption in cooling mode	(2)	kW	2,75	3,05	3,91	
	Maximum power consumption in heating mode	(3)	kW	2,75	3,05	3,91	
	Energy efficiency class in cooling	(4)		A++	A++	A++	
	Energy efficiency class in heating mode - Average season	(4)		A+	A+	A+	
	Energy efficiency class in heating mode - Warmer season	(4)		A+++	A+++	A+++	
	Energy efficiency class in heating mode - Cold season	(4)		-	-	-	
	Annual energy consumption in cooling mode	(4)	kWh/year	202	253	300	
	Annual energy consumption in heating mode - Average season	(4)	kWh/year	1302	1473	1773	
	Annual energy consumption in heating mode - Warmer season	(4)	kWh/year	1145	1387	1385	
	Annual energy consumption in heating mode - Cold season	(4)	kWh/year	-	-	-	
PROJECT LOADS (EN 14825)	Cooling	Pdesignch	(4)	kW	4,2	5,4	6,5
	Heating - Mid Season	Pdesignh	(4)	kW	4,0	4,6	5,6
	Heating - Hot season	Pdesignh	(4)	kW	4,4	5,1	5,7
	Heating - Cold Season	Pdesignh	(4)	kW	-	-	-
SEASONAL EFFICIENCY (EN14825)	Cooling	SEER	(4)		7,4	7,5	7,6
	Heating - Mid Season	SCOP (A)	(4)		4,3	4,4	4,4
	Heating - Hot season	SCOP (W)	(4)		5,3	5,2	5,8
	Heating - Cold Season	SCOP (C)	(4)		-	-	-
OUTDOOR UNIT	Dimensions (WxHxD) (without packaging)		mm	805x554x330	805x554x330	890x673x342	
	Weight (without packaging)		kg	31,6	35,0	43,3	
	Dimensions (WxHxD) (with packaging)		mm	915x615x370	915x615x370	1030x750x438	
	Weight (with packaging)		kg	34,7	38,0	47,1	
	Air flow rate		m³/h	2100	2100	3000	
	Sound Pressure		dB(A)	56	56	58	
	Sound power	LWA	(5)	dB(A)	64	65	65
COOLING CIRCUIT	Liquid connection pipeline diameter		nr inch-mm	2 x 1/4"-6,35	2 x 1/4"-6,35	3 x 1/4"-6,35	
	Connecting gas pipeline diameter		nr inch-mm	2 x 3/8"-9,52	2 x 3/8"-9,52	3 x 3/8"-9,52	
	Piping length covered by precharge		m	15	15	22,5	
	Piping recommended minimum length		m	3	3	3	
	Maximum piping length (overall)		m	40	40	60	
	Maximum pipeline length (single pipeline branch)		m	25	25	30	
	Additional refrigerant		g/m	12	12	12	
	Maximum elevation of external unit above internal units		m	15	15	15	
	Maximum elevation of external unit below internal units		m	15	15	15	
	Maximum elevation difference between internal units		m	10	10	10	
	Refrigerant gas	Type	(8)		R32	R32	R32
	Global warming potential	GWP			675	675	675
	Refrigerant preloaded quantity		kg	1,1	1,25	1,5	
Maximum operating pressure (High/Low side)		MPa	4,3/1,7	4,3/1,7	4,3/1,7		
ELECTRICAL ENVIRONMENT	External Unit Power Supply		V/F/Hz	Single-phase 220-240/1/50	Single-phase 220-240/1/50	Single-phase 220-240/1/50	
	Maximum Current		A	12	13	17	
	Operating temperatures in cooling mode (min/max)		°C B.S.	-/+50	-/+50	-/+50	
	Operating temperatures in heating mode (min/max)		°C B.S.	-15/+24	-15/+24	-15/+24	

TECHNICAL DATA

				UI Phenix E Inverter 9	UI Phenix E Inverter 12
Indoor unit code				OS-SEPHH09EI	OS-SEPHH12EI
Indoor unit EAN code				8021183117424	8021183117431
	Indoor Unit Power Supply		V/F/Hz	220-240/1/50	220-240/1/50
	Nominal cooling capacity	(1)	kW	2,64	3,52
	Nominal heating capacity	(1)	kW	2,93	3,81
INDOOR UNIT	Dimensions (WxHxD) (without packaging)		mm	835x295x208	835x295x208
	Weight (without packaging)		kg	8,7	8,7
	Dimensions (WxHxD) (with packaging)		mm	905x355x290	905x355x290
	Weight (with packaging)		kg	11,5	11,3
	Indoor air flow rate in cooling mode (min/average/max)		m³/h	300-360-510	310-370-520
	Indoor air flow rate in heating mode (min/average/max)		m³/h	300-360-510	310-370-520
	Sound pressure (silent/min/med/max)	(6)	dB(A)	/-22-31-37	/-22-33-39
	Sound power	(5)	dB(A)	54	55
PIPING DIMENSIONS	Liquid connection pipeline diameter		inch - mm	1/4" - 6,35	1/4" - 6,35
	Connecting gas pipeline diameter		inch - mm	3/8" - 9,52	3/8" - 9,52
INDOOR ENVIRONMENT	Operating temperatures in cooling mode (min/max)		°C B.S.	+16/+32	+16/+32
	Operating temperatures in heating mode (min/max)		°C B.S.	0/+30	0/+30

(1) The data refers to the EN 14511 Standard
 (2) Cooling test conditions: indoor temperature DB 32°C - WB 26°C; outdoor temperature DB 37°C
 (3) Heating test conditions: indoor temperature DB 27°C; outdoor temperature DB 3°C - WB 2°C
 (4) The data refers to the EN 14825 Standard
 (5) The data refers to the EN 12102 Standard
 (6) Test conditions: semi-anechoic chamber, unit positioned in free-field conditions, measuring instrument positioned at 1 metre, centred with respect to the internal unit and 0.8 metres below it
 (7) Test conditions: semi-anechoic chamber, unit positioned in free-field conditions, measuring instrument positioned at a distance of 1 metre at a height of 1 metre
 (8) Non-hermetically sealed equipment containing fluorinated GAS with a GWP equivalent of 675
 The declared data refers to one of the combinations capable of achieving the highest energy class. For the energy class and performance of the individual combinations, refer to the selection tables on the website www.olimpiasplesid.it and to the energy labels of the specific combination (range between A+++ and D). The actual power consumption of the product, in conditions of real use, may differ from what is indicated. The data is subject to changes and modifications without prior notice.

TECHNICAL DATA

				NEW	NEW	NEW
				UE Aryal S2 E Dual Inverter 14	UE Aryal S2 E Dual Inverter 18	UE Aryal S2 E Trial Inverter 21
Outdoor unit code				OS-CAAMH14EI	OS-CAAMH18EI	OS-CAAMH21EI
Outdoor unit EAN code				8021183119282	8021183119299	8021183119305
	Output power in cooling mode (min/rated/max)	(1)	kW	1,26/4,22/4,64	0,46/5,34/6,05	1,89/6,21/6,83
	Output power in heating mode (min/rated/max)	(1)	kW	1,3/4,32/4,84	1,65/5,5/6,23	1,86/6,20/6,82
	Absorbed power in cooling mode (min/rated/max)	(1)	kW	0,18/1,23/1,46	0,21/1,41/1,98	0,26/1,73/2,07
	Absorbed power in heating mode (min/rated/max)	(1)	kW	0,16/1,03/1,52	0,19/1,27/1,53	0,22/1,46/1,75
	Absorption in cooling mode (min/nom/max)	(1)	A	0,3/5,5/7,3	0,4/5,9/8,7	0,5/7,2/9,2
	Absorption in heating mode (min/nom/max)	(1)	A	0,3/4,3/6,6	0,4/5,3/6,6	0,4/6,1/7,6
	EER	(1)		3,46	3,79	3,6
	COP	(1)		4,18	4,32	4,26
	Maximum power consumption in cooling mode	(2)	kW	2,75	3,05	3,91
	Maximum power consumption in heating mode	(3)	kW	2,75	3,05	3,91
	Energy efficiency class in cooling	(4)		A++	A++	A++
	Energy efficiency class in heating mode - Average season	(4)		A+	A+	A+
	Energy efficiency class in heating mode - Warmer season	(4)		A+++	A+++	A+++
	Energy efficiency class in heating mode - Cold season	(4)		-	-	-
	Annual energy consumption in cooling mode	(4)	kWh/year	209	274	306
	Annual energy consumption in heating mode - Average season	(4)	kWh/year	1363	1526	1729
	Annual energy consumption in heating mode - Warmer season	(4)	kWh/year	1028	1372	1378
	Annual energy consumption in heating mode - Cold season	(4)	kWh/year	-	-	-
PROJECT LOADS (EN 14825)	Cooling	Pdesignc	(4) kW	4,2	5,3	6,2
	Heating - Mid Season	Pdesignh	(4) kW	4,0	4,4	5,2
	Heating - Hot season	Pdesignh	(4) kW	4,1	5,4	5,5
	Heating - Cold Season	Pdesignh	(4) kW	-	-	-
SEASONAL EFFICIENCY (EN 14825)	Cooling	SEER	(4)	7,0	6,8	7,1
	Heating - Mid Season	SCOP (A)	(4)	4,1	4,1	4,2
	Heating - Hot season	SCOP (W)	(4)	5,6	5,5	5,6
	Heating - Cold Season	SCOP (C)	(4)	-	-	-
OUTDOOR UNIT	Dimensions (WxHxD) (without packaging)		mm	805x554x330	805x554x330	890x673x342
	Weight (without packaging)		kg	31,6	35,0	43,3
	Dimensions (WxHxD) (with packaging)		mm	915x615x370	915x615x370	1030x750x438
	Weight (with packaging)		kg	34,7	38,0	47,1
	Air flow rate		m ³ /h	2100	2100	3000
	Sound Pressure		dB(A)	-	-	-
	Sound power	LWA	(5) dB(A)	65	65	66
COOLING CIRCUIT	Liquid connection pipeline diameter		nr inch-mm	2 x 1/4"-6,35	2 x 1/4"-6,35	3 x 1/4"-6,35
	Connecting gas pipeline diameter		nr inch-mm	2 x 3/8"-9,52	2 x 3/8"-9,52	3 x 3/8"-9,52
	Piping length covered by precharge		m	15	15	22,5
	Piping recommended minimum length		m	3	3	3
	Maximum piping length (overall)		m	40	40	60
	Maximum pipeline length (single pipeline branch)		m	25	25	30
	Additional refrigerant		g/m	12	12	12
	Maximum elevation of external unit above internal units		m	15	15	15
	Maximum elevation of external unit below internal units		m	15	15	15
	Maximum elevation difference between internal units		m	10	10	10
	Refrigerant gas	Type	(8)		R32	R32
	Global warming potential	GWP			675	675
	Refrigerant preloaded quantity		kg	1,1	1,25	1,5
Maximum operating pressure (High/Low side)		MPa	4,3/1,7	4,3/1,7	4,3/1,7	
ELECTRICAL CONNECTIONS	External Unit Power Supply		V/F/Hz	Single-phase 220-240/1/50	Single-phase 220-240/1/50	Single-phase 220-240/1/50
	Maximum Current		A	12	13	17
OUTDOOR ENVIRONMENT	Operating temperatures in cooling mode (min/max)		°C B.S.	-1/+50	-1/+50	-1/+50
	Operating temperatures in heating mode (min/max)		°C B.U.	-15/+24	-15/+24	-15/+24

TECHNICAL DATA

				NEW	NEW	NEW
				UI Aryal S2 E Inverter 10	UI Aryal S2 E Inverter 12	UI Aryal S2 E Inverter 18
Indoor unit code				OS-SAAQH10EI	OS-SAAQH12EI	OS-SAAQH18EI
Indoor unit EAN code				8021183123609	8021183123630	8021183123661
	Indoor Unit Power Supply		V/F/Hz	220-240/1/50	220-240/1/50	220-240/1/50
	Nominal cooling capacity	(1)	kW	2,64	3,52	5,27
	Nominal heating capacity	(1)	kW	2,93	3,81	4,97
INDOOR UNIT	Dimensions (WxHxD) (without packaging)		mm	723x286x199	813x289x201	975x308x218
	Weight (without packaging)		kg	7,0	8,0	10,4
	Dimensions (WxHxD) (with packaging)		mm	780x343x265	870x343x265	1050x365x285
	Weight (with packaging)		kg	9,2	10,3	13,4
	Indoor air flow rate in cooling mode (min/average/max)		m ³ /h	285-360-510	370-450-600	470-600-800
	Indoor air flow rate in heating mode (min/average/max)		m ³ /h	285-360-510	370-450-600	470-600-800
	Sound pressure (silent/min/med/max)	(6)	dB(A)	1-24-34-38	1-25-32-38	1-33-35-43
Sound power	(5)	dB(A)	54	56	58	
INDOOR PIPING DIMENSIONS	Liquid connection pipeline diameter		inch - mm	1/4" - 6,35	1/4" - 6,35	1/4" - 6,35
	Connecting gas pipeline diameter		inch - mm	3/8" - 9,52	3/8" - 9,52	1/2" - 12,7
	Operating temperatures in cooling mode (min/max)		°C B.S.	+16/+32	+16/+32	+16/+32
	Operating temperatures in heating mode (min/max)		°C B.S.	0/+30	0/+30	0/+30

(1) The data refers to the EN 14511 Standard

(2) Cooling test conditions: indoor temperature DB 32°C - WB 26°C; outdoor temperature DB 37°C

(3) Heating test conditions: indoor temperature DB 27°C; outdoor temperature DB 3°C - WB 2°C

(4) The data refers to the EN 14825 Standard

(5) The data refers to the EN 12102 Standard

(6) Test conditions: semi-anechoic chamber, unit positioned in free-field conditions, measuring instrument positioned at 1 metre, centred with respect to the internal unit and 0.8 metres below it

(7) Test conditions: semi-anechoic chamber, unit positioned in free-field conditions, measuring instrument positioned at a distance of 1 metre at a height of 1 metre

(8) Non-hermetically sealed equipment containing fluorinated GAS with a GWP equivalent of 675

The declared data refers to one of the combinations capable of achieving the highest energy class. For the energy class and performance of the individual combinations, refer to the selection tables on the website www.olimpiaspelid.it and to the energy labels of the specific combination (range between A+++ and D). The actual power consumption of the product, in conditions of real use, may differ from what is indicated. The data is subject to changes and modifications without prior notice.

Accessories

Controls

<p>B0999</p>	<p>Wireless control for radiators When installed on existing radiators, it can be wirelessly connected to the heat pump air conditioner via the home wireless network. Controllable via the OS Home app, allowing for scenarios to be programmed that activate one of the two heating systems based on specific conditions. Compatible with the main valve bodies available on the market and easily replaceable with the existing manual valve or traditional thermostatic control already installed on the radiators.</p>	<p>NEW</p>	
<p>B1234</p>	<p>Wireless 4-wire wall control Wall control with 4-wire connection for remote control and integration of wireless connectivity (OS Comfort app) in indoor units where it is not standard. <u>In case of connection with wall indoor units for remote control, mandatory pairing with multifunction interface kit B1235.</u></p>	<p>NEW</p>	
<p>B1235</p>	<p>Multifunction interface kit Accessory required to enable the remote on-off contact and alarm contact functions on wall-mounted internal units.</p>	<p>NEW</p>	



UNICO

SPLIT

DOLCECLIMA

PELER

Wireless connectivity

To control the units via smartphone and tablet

Olimpia Splendid split heat pump air conditioners can be easily controlled, both inside and outside the home, via smartphone and tablet. In the different models, wireless connectivity is either integrated as standard or can be integrated via a supplied USB stick, as indicated in the relative technical data sheet.



OS Home

App available for Alysea E, Lybex E, Mystral S1 E, Aryal S2 E, Aryal Multisplit [I-Aryal S2] models.



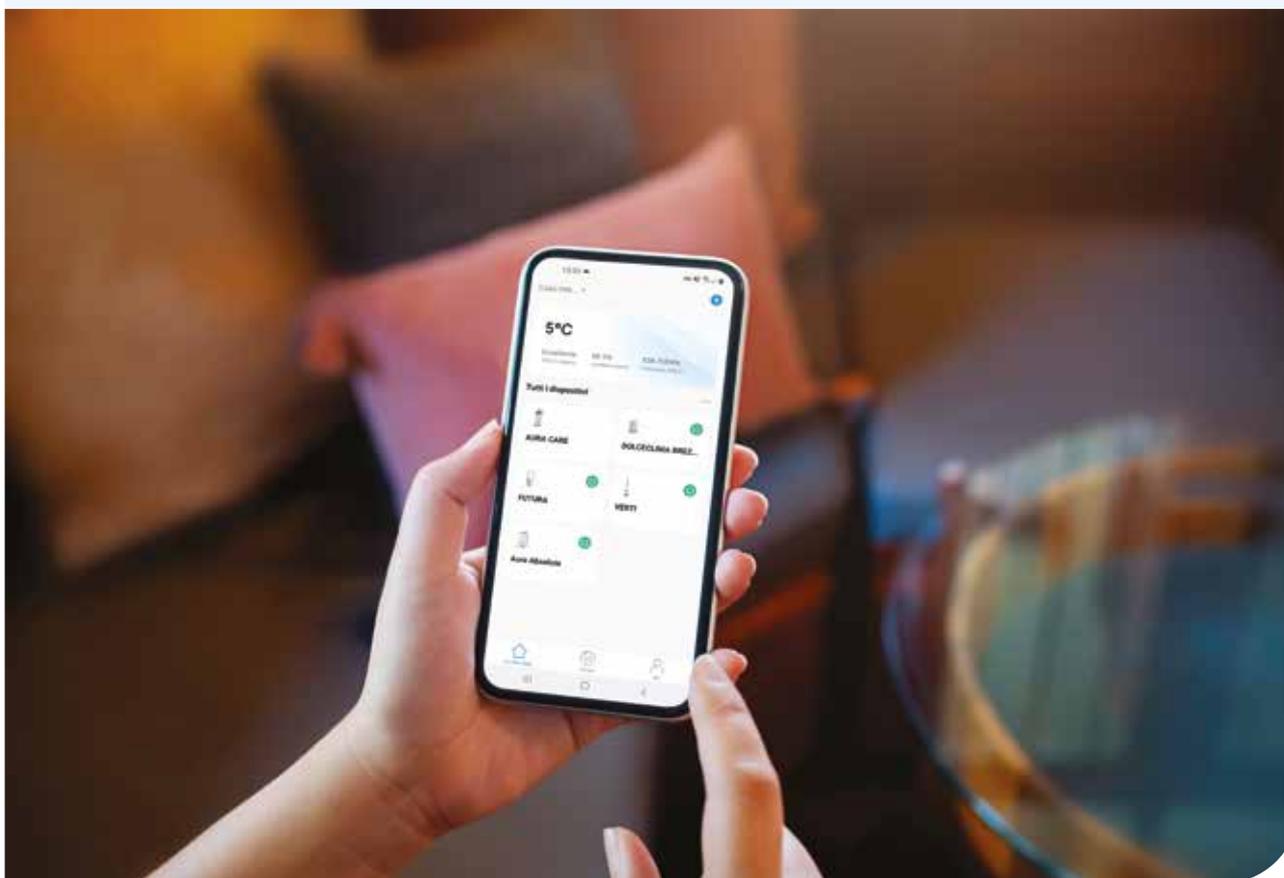
OS Comfort

App available for Aryal S1 E, Aryal Multisplit [I-Phenix] models and B1234 wall control.



All applications allow for the control of one or more units installed in the home, the display of the room temperature and the setting of the main modes (cooling, heating, dehumidification and ventilation), as well as the programming of the on and off timers.

Further information on the advanced control features of each application can be found in the relative manuals, which can be downloaded from the website Olimpiasplendid.it



Air Hybrid System

To optimise and electrify a gas heating system with the air conditioner

40% of the energy consumption of the European Union is attributable to buildings, where 80% of demand is linked to the provision of indoor climate comfort and domestic hot water (source: TEHA and Enel Foundation dossier, 2024.). In this context, heat pump air conditioners represent a key technology for improving efficiency and electrifying domestic comfort systems, but the complete replacement of gas heating systems is not always possible.

- In cases where the absence of building insulation or particularly cold external climates limit the use of these technologies for winter heating, it is possible to convert the existing system into a hybrid system, combining the gas boiler with the heat pump air conditioner.

Hybrid intervention is immediately accessible and effective, thanks to the wireless radiator control by Olympia Splendid. When installed on existing terminals, it can be wirelessly connected to the heat pump air conditioner via the home wireless network. Controllable via the OS Home app, allowing for scenarios to be programmed that activate one of the two heating systems based on specific conditions, optimising consumption and comfort.

