





## **SPLIT**

Heat pump split air  
conditioners



## Complete comfort, in every season

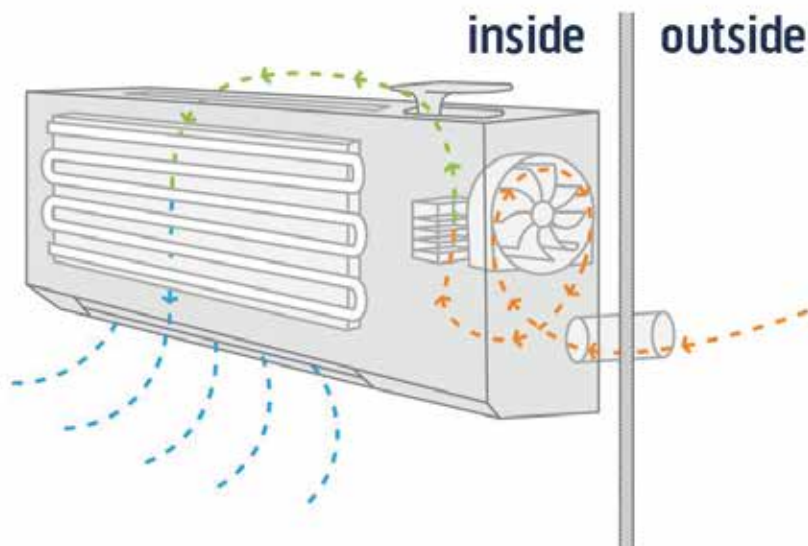
The Olimpia Splendid range offers complete solutions in terms of efficiency and air quality.

### Efficient and sustainable solutions

Olimpia Splendid fixed air conditioners offer a perfect mix of efficiency and sustainability. Thanks to the latest generation inverter compressors, capable of achieving energy class A+++, they guarantee optimal comfort, energy savings and a significant reduction in CO<sub>2</sub> emissions. The ideal choice for those who want to improve living comfort whilst keeping an eye on sustainability.

### 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

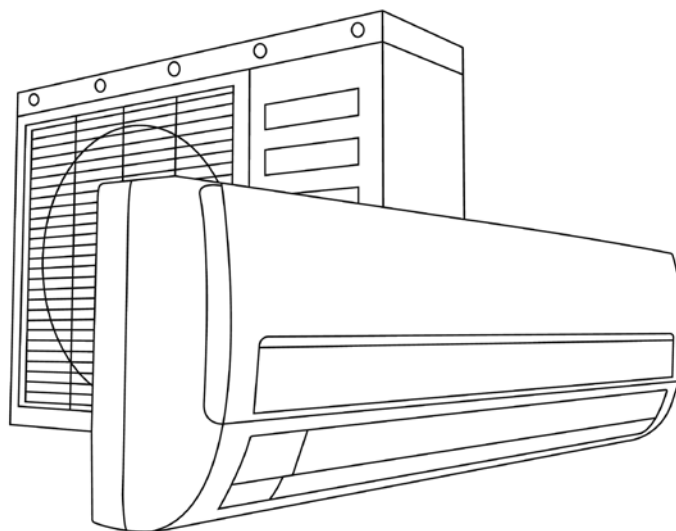
Olimpia Splendid split heat pump air conditioners allow you to install the right climate in every home

### Mono-Split solutions

The Olimpia Splendid range of fixed air conditioners offers Mono-Split solutions with high-performance inverter technology, designed to ensure efficiency, comfort and superior air quality. Ideal for those looking for a single system, simple to install, but one that pays particular attention to filtration and air exchange.







### Multi-Split solutions

For those with more complex needs, Olimpia Splendid offers modular Multi-Split solutions. Thanks to the possibility of combining different internal units, it is possible to design custom systems, choosing the size best suited to each environment, without sacrificing high performance and energy efficiency.



# Heat pump split air conditioners

		9/10	12	18	24
<b>MONOSPLIT</b>		  <p><b>ALYSEA E INVERTER 9</b> (OS-C/SEAAH09E1)</p>	  <p><b>ALYSEA E INVERTER 12</b> (OS-C/SEAAH12E1)</p>		
	<b>NEW</b>	  <p><b>LYBEX E INVERTER 9</b> (OS-C/SELIH09E1)</p>	  <p><b>LYBEX E INVERTER 12</b> (OS-C/SELIH12E1)</p>		
	<b>NEW</b>	  <p><b>MYSTRAL S1 E INVERTER 9</b> (OS-C/SEMTH09E1)</p>	  <p><b>MYSTRAL S1 E INVERTER 12</b> (OS-C/SEMTH12E1)</p>	  <p><b>MYSTRAL S1 E INVERTER 18</b> (OS-C/SEMTH18E1)</p>	  <p><b>MYSTRAL S1 E INVERTER 24</b> (OS-C/SEMTH24E1)</p>
		  <p><b>ARYAL S1 E INVERTER 10 C</b> (OS-K/SEAPH10E1)</p>	  <p><b>ARYAL S1 E INVERTER 12 C</b> (OS-K/SEAPH12E1)</p>	  <p><b>ARYAL S1 E INVERTER 18 C</b> (OS-K/SEAPH18E1)</p>	  <p><b>ARYAL S1 E INVERTER 24 C</b> (OS-K/SEAPH24E1)</p>

		DUAL 14	DUAL 18	TRIAL 21
<b>MULTISPLIT</b>		  <p><b>ARYAL E DUAL INVERTER 14</b> UE OS-CAAMH14E1 UI OS-SEPHH09E1 UI OS-SEPHH12E1</p>	  <p><b>ARYAL E DUAL INVERTER 18</b> UE OS-CAAMH18E1 UI OS-SEPHH09E1 UI OS-SEPHH12E1</p>	  <p><b>ARYAL E TRIAL INVERTER 21</b> UE OS-CAAMH21E1 UI OS-SEPHH09E1 UI OS-SEPHH12E1</p>

On page 62, it is possible to download the table of feasible combinations between Aryal S2 Multisplit outdoor units and internal units, available in the download area of the website [Olimpiasplendid.com](http://Olimpiasplendid.com)

Energy efficiency class in cooling (depending on the reference operating conditions of each model) on a range between A++ and D.

# Wi-Fi included on all models

No installation, easy configuration

To manage the climate control from your smartphone, all Olimpia Splendid air conditioners feature Wi-Fi connectivity (integrated into the Alysea, Lybex and Mystral indoor units and included through a simple kit in all other units). Thanks to the Wi-Fi connection, which does not require router configuration, it is thus possible to manage the air conditioner remotely, away from home, via the 3G and 4G network of your smartphone.



### OS Comfort

USB stick included for wi-fi connection, compatible with models in the Aryal mono and multi-split range.



### OS Home

Integrated Wi-Fi, compatible with the models of the Alysea, Lybex and Mystral S1 range



## App features

Available for iPhone and iPad with IOS Operating System and for smartphones and tablets with Android Operating System (compatibility indication available on Apple Store and Google Play). It is used to manage one or more air conditioners.

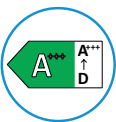
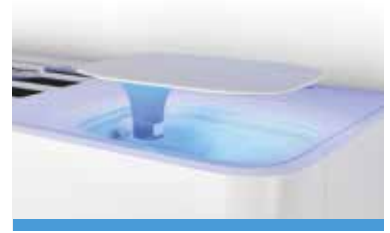
## App functionality

- All modes can be set: heating, cooling, dehumidification, ventilation only
- Special functions can also be set: motorised flap, weekly timer, device sharing
- Room temperature display



# ALYSEA E

The monosplit inverter specialised in indoor climates



## HIGH EFFICIENCY

High-performance R32 refrigerant gas with maximum technological efficiency, up to energy class A+++.



## FRESH AIR TECHNOLOGY

Fresh air with a flow rate of 60 m<sup>3</sup>/h capable of purifying a 36 m<sup>3</sup> room in 36 minutes.



## ADVANCED FILTRATION AND QUALITY DISPLAY

The fresh air passes through 4 layers of filtration and the display shows the air quality in the room in real time, detecting volatile organic compounds PM 2.5



## STERILISATION AT 56°C

High temperature sterilisation cycles of the evaporator to prevent bacteria from forming and to improve the quality of air.

## FEATURES

High-performance inverter technology and coolant gas R32  
Energy efficiency class A+++ in cooling (on a range between A+++ and D)  
Remote control supplied  
Golden Fin treatment on the battery of the outdoor unit, to prevent the corrosive action of atmospheric agents and improve performance efficiency.

## FUNCTIONS

**Cooling, heating, dehumidification and ventilation**

**Timer, Auto, Eco, Sleep, Silent, Turbo functions and Auto-Restart**

**4 levels of filtration:** primary filter, high density filter, Hepa11 filter, silver ion filter.

**Follow Me function:** precise temperature detection in the point where the remote control is located.

**Gentle Wind function:** gentle airflow to avoid direct drafts thanks to 1100 microholes on the inner fins.

**Swing function:** Automatically adjusts airflow (horizontal and vertical).

**Auto-Diagnosis function:** in the event of a failure, the display shows the error code.

**Filter cleaning alarm:** the display shows the filter replacement and cleaning alarm.

**Smart Light Sensor:** once the room light is turned off, the display automatically turns off.

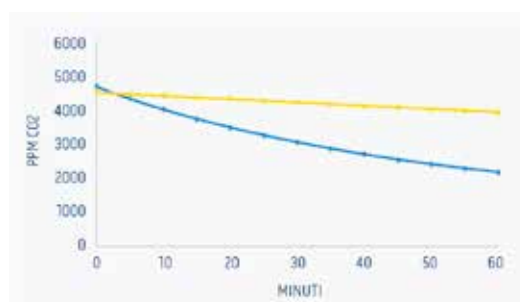




## FRESH AIR TECHNOLOGY

Alysea is the air conditioner that allows you to renew the air in a room, introducing air from outside. The inlet hole allows an air flow rate of 60m<sup>3</sup>/h, which is cooled or heated to maintain the temperature set inside the room. Compared to a traditional air conditioner, Alysea significantly reduces the concentration of CO<sub>2</sub> and pollutants dispersed in the air.

*Picture on the right: reduction in the concentration of Co<sub>2</sub>, thanks to the Fresh Air technology, compared to a traditional air conditioning technology.*



TRADITIONAL AIR CONDITIONER ■  
AIR CONDITIONER WITH FRESH AIR TECHNOLOGY ■

### 4 filtration stages

Thanks to an advanced filtration system, Alysea purifies the fresh air and the air in the room with an efficiency of over 99% on bacteria and of 94% on ultrafine particles (PM 2.5).

### Sterilisation at 56°C

Alysea subjects the evaporator to high-temperature defrosting, thawing and drying cycles to eliminate dust, dirt and other impurities from the internal unit, potentially harmful if dispersed into the air through the air conditioner.

### Realtime Quality Display

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.

### Gentle Wind Function

Thanks to the Gentle Wind function and to the 1,100 micro holes on the internal fins, it is possible to avoid the classic direct air jet, ensuring the home climate is pleasant even in the most delicate situations, such as in bedrooms or in the presence of children

## INSTALLATION

### First installation method

With rear outlet to the internal unit, positioned on the perimeter wall of the room, with two 70 mm diameter holes intersecting each other.

### Second installation method

Side outlet (right or left) to the internal unit, towards the perimeter wall, with a single 70 mm hole.



Tutorial video



Insight



NEW

# LYBEX E

## High efficiency high wall inverter Mono-Split



### HIGH EFFICIENCY

High-performance R32 refrigerant gas with maximum technological efficiency, up to energy class A+++.



### SELF CLEAN

Automatically cleans and dries the evaporator, removing dust, mould and grease to ensure clean air in the room.

### FEATURES

- High-performance inverter technology
- R32 coolant gas
- A+++ cooling energy class (range between A+++ and D)
- Anti-dust filter
- Remote control supplied
- Golden Fin treatment on the external unit battery, to prevent the corrosive action of atmospheric agents and improve performance efficiency.

### FUNCTIONS

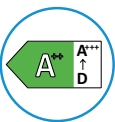
- Cooling, heating, dehumidification and ventilation**
- Timer, Eco, Sleep, Quiet and Turbo functions**
- Swing functions:** vertical flap oscillation for better diffusion of air in the environment.
- Auto-Restart function:** after a blackout, it restarts at the last function set.
- Self-Diagnosis function:** in the event of a fault, the display shows the error code.



NEW

# MYSTRAL S1 E

High-wall mono-split inverter



### HIGH EFFICIENCY

High-performance R32 refrigerant gas with maximum technological efficiency, to reach the energy class A++.



### SELF CLEAN

Automatically cleans and dries the evaporator, removing dust, mould and grease to ensure clean air in the room.

### FEATURES

- High-performance inverter technology
- R32 coolant gas
- A++ cooling energy class (range between A+++ and D)
- Anti-dust filter
- Remote control supplied
- Golden Fin treatment on the external unit battery, to prevent the corrosive action of atmospheric agents and improve performance efficiency.

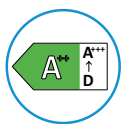
### FUNCTIONS

- Cooling, heating, dehumidification and ventilation**
- Timer, Eco, Sleep, Quiet and Turbo functions**
- Swing functions:** vertical flap oscillation for better diffusion of air in the environment.
- Auto-Restart function:** after a blackout, it restarts at the last function set.
- Self-Diagnosis function:** in the event of a fault, the display shows the error code.



# ARYAL S1 E

## High-wall mono-split inverter



### HIGH EFFICIENCY

High-performance R32 refrigerant gas with maximum technological efficiency, to reach the energy class A++.



### AIR QUALITY TECH

The treated air is purified with anti-dust filters, activated carbon and cold catalytic filters to remove impurities.



### SELF CLEAN

Automatically cleans and dries the evaporator, removing dust, mould and grease to ensure clean air in the room.



### FOLLOW ME

The remote control acts as a remote thermostat to ensure correct temperature control in the point where the occupants are present in the room.

### FEATURES

High-performance inverter technology  
Coolant gas R32  
Energy efficiency class A++ in cooling (on a range between A+++ and D)  
Remote control supplied  
Golden Fin treatment on the battery of the outdoor unit, to prevent the corrosive action of atmospheric agents and improve performance efficiency.

### FUNCTIONS

**Cooling, heating, dehumidification and ventilation**

**Timer, Auto, Sleep, Silent and Turbo functions**

**Follow Me function:** precise temperature detection in the point where the remote control is located.

**Swing function:** oscillation of the flap for better air diffusion in the environment.

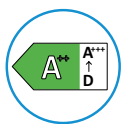
**Auto-Restart function:** after a power failure, it restarts at the last function set.

**Auto-Diagnosis function:** in the event of a failure, the display shows the error code.



# ARYAL MULTISPLIT [I-PHENIX]

The energy-efficient multisplit



## HIGH EFFICIENCY

High-performance R32 refrigerant gas with maximum technological efficiency, to reach the energy class A++.



## IONIZER

Neutralises polluting agents and keeps the air in the room clean and healthy



## AIR QUALITY TECH

The treated air is purified with anti-dust filters, activated carbon and cold catalytic filters to remove impurities.



## FOLLOW ME

The remote control acts as a remote thermostat to ensure correct temperature control in the point where the occupants are present in the room.

## FEATURES

Energy-efficient inverter technology with low GWP R32 refrigerant. Available in the two and three room versions, for air-conditioning up to three rooms with the use of a single outdoor motor. The system is modular: systems can be designed by selecting the right size according to the thermal load of the system. Golden Fin treatment on the battery of the outdoor unit, to prevent the corrosive action of atmospheric agents and improve performance efficiency

## FUNCTIONS

**Cooling, heating, dehumidification and ventilation**

**Timer, Auto, Sleep and Turbo functions**

**Follow Me function:** Accurate temperature measurement at remote control location.

**Swing functions:** automatically adjust airflow (horizontal and vertical)

**Auto-Restart function:** after a power failure, it restarts at the last function set.

**Auto-Diagnosis function:** in the event of a failure, the display shows the error code.



NEW

NEW

				Alysea E Inverter 9	Alysea E Inverter 12	Lybex E Inverter 9	Lybex E Inverter 12
<b>INDOOR UNIT CODE</b>				OS-SEAAH09EI	OS-SEAAH12EI	OS-SELIH09EI	OS-SELIH12EI
<b>INDOOR UNIT EAN CODE</b>				8021183121148	8021183121179	8021183122787	8021183122817
<b>OUTDOOR UNIT CODE</b>				OS-CEAAH09EI	OS-CEAAH12EI	OS-CELIH09EI	OS-CELIH12EI
<b>OUTDOOR UNIT EAN CODE</b>				8021183121155	8021183121186	8021183122794	8021183122824
<b>PRODUCT CODE</b>				OS-C/SEAAH09EI	OS-C/SEAAH12EI	OS-C/SELIH09EI	OS-C/SELIH12EI
<b>EAN CODE</b>				8021183121131	8021183121162	8021183122770	8021183122800
Output power in cooling mode (min/rated/max)		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)		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)		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)		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	
Current consumption in cooling mode (min/rated/max)		A	1,2/3,8/7	1,5/4,7/9,2	0,8/2,5/5,8	0,8/3,9/6,2	
Current consumption in heating mode (min/rated/max)		A	1,2/4/7,5	1,5/5,1/10	0,8/2,3/5,6	0,8/3,5/6,4	
EER			4,05	3,94	4,73	4,02	
COP			4,25	3,92	5,2	4,49	
Maximum power consumption in cooling mode		kW	1,5	1,65	1,7	1,9	
Maximum power consumption in heating mode		kW	1,62	1,93	1,7	1,9	
Energy efficiency class in cooling			A+++	A+++	A+++	A+++	
Energy efficiency class in heating mode - Average season			A++	A++	A++	A++	
Energy efficiency class in heating mode - Warmer season			A+++	A+++	A+++	A+++	
Energy efficiency class in heating mode - Cold season			A	A	-	-	
Energy consumption in cooling mode		kWh/year	107	144	106	142	
Annual energy consumption in heating mode - Average season		kWh/year	639	761	718	964	
Annual energy consumption in heating mode - Warmer season		kWh/year	631	769	676	890	
Annual energy consumption in heating mode - Cold season		kWh/year	1792	2162	-	-	
Dehumidification capacity		l/h	1	1,2	0,9	0,9	
DESIGN LOAD (EN 14825)	Cooling	Pdesignc	kW	2,6	3,5	2,6	3,5
	Heating / Average	Pdesignh	kW	2,1	2,5	2,4	3,2
	Heating / Warmer	Pdesignh	kW	2,3	2,8	2,5	3,3
	Heating / Colder	Pdesignh	kW	2,9	3,5	-	-
SEASONAL EFFICIENCY (EN14825)	Cooling	SEER		8,5	8,5	8,5	8,5
	Heating / Average	SCOP ( A )		4,6	4,6	4,6	4,6
	Heating / Warmer	SCOP ( W )		5,1	5,1	5,1	5,1
	Heating / Colder	SCOP ( C )		3,4	3,4	-	-
INDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	51	51	47	51
	Sound pressure (max/med/min/silence)		dB(A)	38/33/27/22	38/33/27/22	37/32/27/21	41/34/28/22
	Air flow rate in cooling mode (max/med/min)		m³/h	596/542/482	602/542/481	550/450/350	650/550/450
	Air flow rate in heating mode (max/med/min)		m³/h	553/492/432	608/524/451	600/500/400	700/600/500
	Degree of protection			IPX0	IPX0	-	-
	Dimensions (WxHxD) (without packaging)		mm	888x313x205	888x313x205	820x300x200	820x300x200
	Weight (without packaging)		kg	10,5	11	9,5	9,5
	Dimensions (WxHxD) (with packaging)		mm	988x389x328	988x389x328	892x362x270	892x362x270
	Weight (with packaging)		kg	12,5	13	11,0	11,0
	OUTDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	60	61	61
Sound pressure			dB(A)	50	51	51	51
Air flow rate (max)			m³/h	1900	2200	1400	2000
Degree of protection				IPX4	IPX4	IPX4	IPX4
Dimensions (WxHxD) (without packaging)			mm	777x498x290	795x549x305	812x540x314	812x540x314
Weight (without packaging)			kg	20,5	24,5	24	24
Dimensions (WxHxD) (with packaging)			mm	838x540x338	852x600x358	850x592x347	850x592x347
Weight (with packaging)			kg	23,5	26,5	28	28
COOLING CIRCUIT	Connecting liquid 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
	Covered piping length from pre-load		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		MPa	3,7/1,2	3,7/1,2	4,2/1,2	4,2/1,2
	Refrigerant gas*	Type	Type	R32	R32	R32	R32
	Global warming potential	GWP		675	675	675	675
Refrigerant gas charge		kg	0,51	0,605	0,51	0,58	
ELECTRICAL CONNECTIONS	Supply voltage indoor unit		V/F/Hz	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50
	Supply voltage outdoor unit		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
	Max Current		A	7,5	10	7,8	8,5
LIMITS OF OPERATING CONDITIONS							
Indoor ambient temperature	Maximum temperature in cooling			DB 32°C			DB 32°C
	Minimum temperature in cooling			DB 17°C			DB 16°C
	Maximum temperature in heating			DB 30°C			DB 30°C
	Minimum temperature in heating			DB 0°C			DB 0°C
Outdoor ambient temperature	Maximum temperature in cooling			DB 53°C			DB 46°C
	Minimum temperature in cooling			-			-
	Maximum temperature in heating			DB 30°C			DB 27°C
	Minimum temperature in heating			DB -20°C			DB -15°C

The declared data relate to the conditions provided for in EN 14511, EN 14825 and EU Delegated Regulation 626/2011. 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.

\*Non-hermetically sealed equipment containing fluorinated gas with GWP equivalent to 675.

Energy efficiency classes refer to a range between A+++ and D.

				NEW	NEW	NEW	NEW
				Mystral S1 E Inverter 9	Mystral S1 E Inverter 12	Mystral S1 E Inverter 18	Mystral S1 E Inverter 24
<b>INDOOR UNIT CODE</b>				OS-SEMTH09EI	OS-SEMTH12EI	OS-SEMTH18EI	OS-SEMTH24EI
<b>INDOOR UNIT EAN CODE</b>				8021183122534	8021183122541	8021183122558	8021183122565
<b>OUTDOOR UNIT CODE</b>				OS-CEMTH09EI	OS-CEMTH12EI	OS-CEMTH18EI	OS-CEMTH24EI
<b>OUTDOOR UNIT EAN CODE</b>				8021183122572	8021183122589	8021183122596	8021183122602
<b>PRODUCT CODE</b>				OS-C/SEMTH09EI	OS-C/SEMTH12EI	OS-C/SEMTH18EI	OS-C/SEMTH24EI
<b>EAN CODE</b>				8021183122619	8021183122626	8021183122633	8021183122640
Output power in cooling mode (min/rated/max)		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)		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)		kW	0,15/0,8/1,4	0,15/1,1/1,4	0,17/1,68/1,85	0,21/2/2,18	
Absorbed power in heating mode (min/rated/max)		kW	0,15/0,72/1,27	0,15/1/1,27	0,17/1,54/1,9	0,21/1,85/2,05	
Current consumption in cooling mode (min/rated/max)		A	0,8/3,6/6,9	0,8/5/6,9	1,7/9/8,3	1,2/9,2/10	
Current consumption in heating mode (min/rated/max)		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			3,38	3,18	3,04	3,25	
COP			3,75	3,5	3,31	3,51	
Maximum power consumption in cooling mode		kW	1,75	1,75	2,4	3	
Maximum power consumption in heating mode		kW	1,75	1,75	2,4	3	
Energy efficiency class in cooling			A++	A++	A++	A++	
Energy efficiency class in heating mode - Average season			A+	A+	A+	A+	
Energy efficiency class in heating mode - Warmer season			A+++	A+++	A+++	A+++	
Energy efficiency class in heating mode - Cold season			-	-	-	-	
Energy consumption in cooling mode		kWh/year	160	203	290	347	
Annual energy consumption in heating mode - Average season		kWh/year	905	942	1455	1835	
Annual energy consumption in heating mode - Warmer season		kWh/year	765	790	1354	1585	
Annual energy consumption in heating mode - Cold season		kWh/year	-	-	-	-	
Dehumidification capacity		l/h	1,3	1,3	1,9	2,2	
DESIGN LOAD (EN 14825)	Cooling	Pdesignc	kW	2,7	3,5	5,1	6,1
	Heating / Average	Pdesignh	kW	2,6	2,7	4,2	5,3
	Heating / Warmer	Pdesignh	kW	2,8	2,9	5,0	5,8
	Heating / Colder	Pdesignh	kW	-	-	-	-
SEASONAL EFFICIENCY (EN14825)	Cooling	SEER		6,1	6,1	6,1	6,1
	Heating / Average	SCOP ( A )		4,0	4,0	4,0	4,0
	Heating / Warmer	SCOP ( W )		5,1	5,1	5,1	5,1
	Heating / Colder	SCOP ( C )		-	-	-	-
INDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	51	51	50	54
	Sound pressure (max/med/min/silence)		dB(A)	41/34/28/22	41/34/28/22	40/35/30/26	44/40/36/32
	Air flow rate in cooling mode (max/med/min)		m³/h	550/450/350	550/450/350	650/550/450	950/800/650
	Air flow rate in heating mode (max/med/min)		m³/h	600/500/400	600/500/400	700/600/500	1000/850/700
	Degree of protection			-	-	-	-
	Dimensions (WxHxD) (without packaging)		mm	780x276x202	780x276x202	850x276x202	950x313x240
	Weight (without packaging)		kg	8	8	11	14
	Dimensions (WxHxD) (with packaging)		mm	860x366x301	860x366x301	930x366x301	1045x403x327
	Weight (with packaging)		kg	10	10	13	16
	OUTDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	61	61	64
Sound pressure			dB(A)	51	51	54	55
Air flow rate (max)			m³/h	1800	1800	2600	3200
Degree of protection				IPX4	IPX4	IPX4	IPX4
Dimensions (WxHxD) (without packaging)			mm	720x473x298	720x473x298	898x546x345	898x546x345
Weight (without packaging)			kg	20	20	28	30
Dimensions (WxHxD) (with packaging)			mm	777x530x333	777x530x333	934x608x382	934x608x382
Weight (with packaging)			kg	23	23	32	34
COOLING CIRCUIT	Connecting liquid 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	15	15	15	15
	Maximum height difference		m	5	5	5	5
	Covered piping length from pre-load		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		MPa	4,2/1,2	4,2/1,2	4,2/1,2	4,2/1,2
	Refrigerant gas*	Type		R32	R32	R32	R32
	Global warming potential	GWP		675	675	675	675
Refrigerant gas charge		kg	0,49	0,49	1,01	1,2	
ELECTRICAL CONNECTIONS	Supply voltage indoor unit		V/F/Hz	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50
	Supply voltage outdoor unit		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
	Max Current		A	8	8	11	14
<b>LIMITS OF OPERATING CONDITIONS</b>							
Indoor ambient temperature	<b>Maximum temperature in cooling</b>					DB 32°C	
	<b>Minimum temperature in cooling</b>					DB 16°C	
	<b>Maximum temperature in heating</b>					DB 30°C	
	<b>Minimum temperature in heating</b>					DB 0°C	
Outdoor ambient temperature	<b>Maximum temperature in cooling</b>					DB 46°C	
	<b>Minimum temperature in cooling</b>					-	
	<b>Maximum temperature in heating</b>					DB 27°C	
	<b>Minimum temperature in heating</b>					DB -15°C	

The declared data relate to the conditions provided for in EN 14511, EN 14825 and EU Delegated Regulation 626/2011. 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.

\*Non-hermetically sealed equipment containing fluorinated gas with GWP equivalent to 675.




Energy efficiency classes refer to a range between A+++ and D.

				Aryal S1 E Inverter 10 C	Aryal S1 E Inverter 12 C	Aryal S1 E Inverter 18 C	Aryal S1 E Inverter 24 C
<b>INDOOR UNIT CODE</b>				OS-SEAPH10EI	OS-SEAPH12EI	OS-SEAPH18EI	OS-SEAPH24EI
<b>INDOOR UNIT EAN CODE</b>				8021183115215	8021183115222	8021183115239	8021183115246
<b>OUTDOOR UNIT CODE</b>				OS-KEAPH10EI	OS-KEAPH12EI	OS-KEAPH18EI	OS-KEAPH24EI
<b>OUTDOOR UNIT EAN CODE</b>				8021183116564	8021183116588	8021183118827	8021183118834
<b>PRODUCT CODE</b>				OS-K/SEAPH10EI	OS-K/SEAPH12EI	OS-K/SEAPH18EI	OS-K/SEAPH24EI
<b>EAN CODE</b>				8021183116557	8021183116571	8021183118780	8021183118797
Output power in cooling mode (min/rated/max)		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)		kW	0,82/2,93/3,37	1,09/3,68/4,22	3,1/4,97/5,85	1,61/6,0/7,91	
Absorbed power in cooling mode (min/rated/max)		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)		kW	0,12/0,73/1,20	0,10/0,99/1,68	0,78/1,298/2	0,3/1,608/2,75	
Current consumption in cooling mode (min/rated/max)		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	
Current consumption in heating mode (min/rated/max)		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			3,60	3,28	3,4	3,28	
COP			4,00	3,72	3,83	3,73	
Maximum power consumption in cooling mode		kW	2,15	2,15	2,50	3,50	
Maximum power consumption in heating mode		kW	2,15	2,15	2,50	3,50	
Energy efficiency class in cooling			A++	A++	A++	A++	
Energy efficiency class in heating mode - Average season			A+	A+	A+	A+	
Energy efficiency class in heating mode - Warmer season			A+++	A+++	A+++	A+++	
Energy efficiency class in heating mode - Cold season			-	-	-	-	
Energy consumption in cooling mode		kWh/year	156	211	247	405	
Annual energy consumption in heating mode - Average season		kWh/year	910	945	1435	1818	
Annual energy consumption in heating mode - Warmer season		kWh/year	714	706	1208	1691	
Annual energy consumption in heating mode - Cold season		kWh/year	-	-	-	-	
Dehumidification capacity		l/h	1	1,2	1,6	2,4	
DESIGN LOAD (EN 14825)	Cooling	Pdesignc	kW	2,8	3,6	5,2	7
	Heating / Average	Pdesignh	kW	2,6	2,7	4,1	4,8
	Heating / Warmer	Pdesignh	kW	2,6	2,5	4,4	5,8
	Heating / Colder	Pdesignh	kW	-	-	-	-
SEASONAL EFFICIENCY (EN14825)	Cooling	SEER		6,3	6,1	7,4	6,1
	Heating / Average	SCOP ( A )		4,0	4,0	4	4
	Heating / Warmer	SCOP ( W )		5,1	5,1	5,1	4,8
	Heating / Colder	SCOP ( C )		-	-	-	-
INDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	54	55	56	59
	Sound pressure (max/med/min/silence)		dB(A)	39/32/25/-	41/35/25/-	42/36/26/-	45/40/36/-
	Air flow rate in cooling mode (max/med/min)		m³/h	466/360/325	547/430/314	840/680/540	980/817/662
	Air flow rate in heating mode (max/med/min)		m³/h	466/360/325	625/430/314	840/680/540	980/817/662
	Degree of protection			IPX0	IPX0	IPX0	IPX0
	Dimensions (WxHxD) (without packaging)		mm	805x285x194	805x285x194	957x302x213	1040x327x220
	Weight (without packaging)		kg	7,6	7,6	10	12,3
	Dimensions (WxHxD) (with packaging)		mm	870x365x270	870x365x270	1035x385x295	1120x405x315
	Weight (with packaging)		kg	9,7	9,8	13,0	15,8
	OUTDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	62	63	63
Sound pressure			dB(A)	55,5	56	56	59
Air flow rate (max)			m³/h	1750	1800	2100	3500
Degree of protection				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
Weight (with packaging)			kg	25,0	25,0	35,4	45,9
COOLING CIRCUIT	Connecting liquid 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
	Covered piping length from pre-load		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		MPa	4,3/1,7	4,3/1,7	4,3/1,7	4,3/1,7
	Refrigerant gas*	Type		R32	R32	R32	R32
	Global warming potential	GWP		675	675	675	675
Refrigerant gas charge	kg		0,55	0,55	1,08	1,42	
ELECTRICAL CONNECTIONS	Supply voltage indoor unit	V/F/Hz		220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50
	Supply voltage outdoor unit	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 2,5 mm2	3 x 2,5 mm2	3 x 2,5 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
	Max Current	A		10,0	10,0	13,0	15,5
LIMITS OF OPERATING CONDITIONS							
Indoor ambient temperature	Maximum temperature in cooling		DB	32°C	DB 32°C	DB 32°C	DB 32°C
	Minimum temperature in cooling		DB	17°C	DB 17°C	DB 17°C	DB 17°C
	Maximum temperature in heating		DB	30°C	DB 30°C	DB 30°C	DB 30°C
	Minimum temperature in heating		DB	0°C	DB 0°C	DB 0°C	DB 0°C
Outdoor ambient temperature	Maximum temperature in cooling		DB	43°C	DB 43°C	DB 50°C	DB 50°C
	Minimum temperature in cooling			-	-	-	-
	Maximum temperature in heating		DB	30°C	DB 30°C	DB 30°C	DB 30°C
	Minimum temperature in heating		DB	-15°C	DB -15°C	DB -15°C	DB -15°C

The declared data relate to the conditions provided for in EN 14511, EN 14825 and EU Delegated Regulation 626/2011. 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.

\*Non-hermetically sealed equipment containing fluorinated gas with GWP equivalent to 675.

Energy efficiency classes refer to a range between A+++ and D.

		ODU Aryal S2 E Dual Inverter 14	ODU Aryal S2 E Dual Inverter 18	ODU Aryal S2 E Dual Inverter 21	
OUTDOOR UNIT EAN CODE		OS-CAAMH14EI	OS-CAAMH18EI	OS-CAAMH21EI	
EAN CODE		8021183119282	8021183119299	8021183119305	
	Electrical power supply	V/F/Hz	One Phase 220-240 / 1 / 50	One Phase 220-240 / 1 / 50	
Cooling	Capacity (min / rated / max)	kW	1,47-4,1-4,98	2,29-5,28-6,41	1,99-6,15-7,53
	Absorbed power (Nom/Min-Max)	kW	1,27(0,1-1,6)	1,64(0,69-2)	1,91(0,52-2,23)
	Current consumption (Nom/Min-Max)	A	5,52(0,43-6,96)	7,13(3-8,7)	8,3(2,26-9,70)
	Theoretical Load (PdesignC)	kW	4,24	5,42	6,48
	SEER		7,4	7,5	7,6
	Energy efficiency class		A++	A++	A++
	Annual energy consumption	kWh/A	202	253	300
Heating	Capacity (min / rated / max)	kW	1,61-4,4-5,12	2,40-5,57-6,71	1,99-6,45-7,75
	Absorbed power (Nom/Min-Max)	kW	1,19(0,22-1,45)	1,5(0,6-1,75)	1,74(0,56-2,15)
	Current consumption (Nom/Min-Max)	A	5,17(0,96-6,3)	6,52(2,6-7,61)	7,57(2,43-9,34)
	Theoretical Load (PdesignH) (average climate - warmer climate)	kW	4,04-4,35	4,58-5,13	5,58-5,69
	Scop (average climate - warmer climate)		4,3-5,3	4,4-5,2	4,4-5,8
	Energy efficiency class (average climate - warmer climate)	medium zone / hot zone	A+/A+++	A+/A+++	A+/A+++
	Annual energy consumption (average climate - warmer climate)	kWh/A	1302-1145	1473-1387	1773-1385
Energy efficiency E.E.R./C.O.P.	W/W	3,23/3,71	3,23/3,71	3,23/3,71	
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 (max)	dB(A)	56	56	58
	Sound power level (max)	dB(A)	 64	 65	 65
	Compressor Type		rotary	rotary	rotary
Dimensions and limitations of the cooling circuit	Diameter of tube in liquid connection line	mm	2x6,35	2x6,35	3x6,35
	Diameter of tube in gas connection line	mm	2x9,52	2x9,52	3x9,52
	Covered piping length from pre-load	m	15	15	22,5
	Piping recommended minimum length	m	3	3	3
	Piping Equivalent length (max)	m	40	40	60
	Piping Equivalent max. length (single branch of piping)	m	25	25	30
	Increase of Refrigerant	g/m	12	12	12
	Difference in level (Max) (outdoor unit in higher position that indoor units)	m	15	15	15
	Difference in level (Max) (outdoor unit in lower position that indoor units)	m	15	15	15
Difference in level (Max) (elevation difference between indoor units)	m	10	10	10	
Refrigerant fluid	Refrigerant gas *		R32	R32	R32
	GWP		675	675	675
	Refrigerant gas charge	kg	1,1	1,25	1,5
	Maximum operating pressure	MPa	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	One Phase 220-240 / 1 / 50	One Phase 220-240 / 1 / 50
	Max Power absorption	W	2750	3050	3910
	Max Current	A	12	13	17
Operational limits	Outdoor temperature in cooling (Min-Max)	°C B.S.	-/+50	-/+50	- /+50
	Outdoor temperature in heating (Min-Max)	°C B.U.	-15/+24	-15/+24	-15/+24

The declared data relate to the conditions envisaged in EN 14511, EN 14825 and EU Delegated Regulation 626/2011 for the combination capable of expressing the highest energy class. For the energy class and performance of the individual combinations, refer to the selection tables on the website [www.olimpiasplendid.it](http://www.olimpiasplendid.it) and to the energy labels of the specific combination. 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. The sound pressure values of the Aryal S2 range are measured under the following conditions: in semi-anechoic chamber, unit positioned in free space, measuring device positioned at a distance of 1 metres (outdoor unit).

\* Non hermetically sealed equipment containing fluorinated GAS with GWP equivalent to 675.

Energy efficiency classes refer to a range between A+++ and D.



		UI Phenix E Inverter 9	UI Phenix E Inverter 12
<b>INDOOR UNIT CODE</b>		OS-SEPHH09EI	OS-SEPHH12EI
<b>EAN CODE</b>		8021183117424	8021183117431
Electrical power supply	V/F/Hz	220-240/1/50	220-240/1/50
Cooling	kW (Nom)	2,64	3,52
Heating	kW (Nom)	2,93	3,81
Indoor unit	Dimensions (WxHxD) (without packaging)	mm	835x295x208
	Weight (without packaging)	kg	8,7
	Dimensions (WxHxD) (with packaging)	mm	905x355x290
	Weight (with packaging)	kg	11,5
	Air flow rate (min/rated/max)	m <sup>3</sup> /h	300-360-510
	Sound pressure (silent/min/med/max)	dB(A)	/-22-31-37
	Sound power level Max (EN 12102)	dB(A)	54
Piping dimensions	Diameter of tube in liquid connection line	inch - mm	1/4" - 6,35
	Diameter of tube in gas connection line	inch - mm	3/8" - 9,52
Operational limits	Indoor temperature in cooling (Min-Max)	°C B.S.	+16/+32
	Indoor temperature in heating (Min-Max)	°C B.S.	0/+30

The declared data relate to the conditions provided for in EN 14511, EN 14825 and EU Delegated Regulation 626/2011. 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.

The sound pressure values of the Phenix internal units are according to the following conditions: in a semi-anechoic chamber, unit positioned in free field conditions, measurement device positioned at 1.5 metres (outdoor unit) in relation to it.

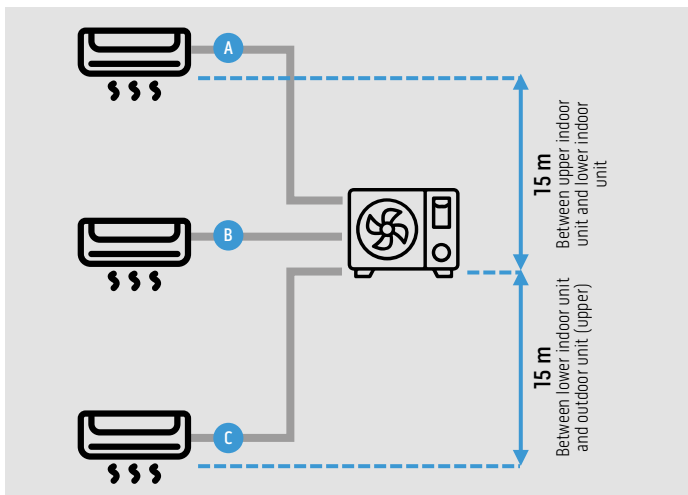
\*Non-hermetically sealed equipment containing fluorinated GAS with GWP equivalent to 675.



### Download the complete combinations table

The table shows the possible general combinations of the Aryal S2 Multisplit outdoor units. Based on the specific models of internal unit, always check the combinations on-line at [OlimpiaspIendid.com](http://OlimpiaspIendid.com)

## Pipe installation



Maximum distance single pipes Indoor unit to Outdoor unit

DUAL	TRIAL
25 m	30 m

Total length A+B+C

DUAL	TRIAL
40 m	60 m