





SPLIT

Single and multi-split air conditioning systems



Complete air treatment

Much more than air conditioners: they exchange and purify the air, for a feeling of well-being

The technologies to improve the indoor quality of air

We spend up to 90% of our day in closed spaces and the air we breathe in our home influences our health and the well-being of the whole family. Good indoor quality of air is therefore an integral part of a comfortable, healthy and safe home, and the technological development of Olimpia Splendid is oriented at transforming air conditioners into increasingly advanced air treatment devices.

This is why the indoor units of the Olimpia Splendid air conditioners have advanced filtration systems, which make it possible to reduce the concentration of micro-particles (up to PM 2.5) and where possible, also the proper air exchange.



Single and multi-split air conditioners

		9/10	12	18	24
MONOSPLIT	NEW	 ALYSEA E INVERTER 9 (OS-C/SEAAH09EI)	 ALYSEA E INVERTER 12 (OS-C/SEAAH12EI)		
		 MYSTRAL E INVERTER 9 (OS-C/SEMLH09EI)	 MYSTRAL E INVERTER 12 (OS-C/SEMLH12EI)	 MYSTRAL E INVERTER 18 (OS-C/SEMLH18EI)	 MYSTRAL E INVERTER 24 (OS-C/SEMLH24EI)
		 ARYAL S1 E INVERTER 10 C (OS-K/SEAPH10EI)	 ARYAL S1 E INVERTER 12 C (OS-K/SEAPH12EI)	 ARYAL S1 E INVERTER 18 C (OS-K/SEAPH18EI)	 ARYAL S1 E INVERTER 24 C (OS-K/SEAPH24EI)
MULTISPLIT	NEW	 ARYAL E DUAL INVERTER 14 UE OS-CAAMH14EI UI OS-SEPHH09EI UI OS-SEPHH12EI	 ARYAL E DUAL INVERTER 18 UE OS-CAAMH18EI UI OS-SEPHH09EI UI OS-SEPHH12EI	 ARYAL E TRIAL INVERTER 21 UE OS-CAAMH21EI UI OS-SEPHH09EI UI OS-SEPHH12EI	

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 Olimpiasp splendid.com

Air conditioner with integrated Wi-Fi

Energy efficiency classes in cooling, depending on the operating limit conditions of each model.

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 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

Compatible with the models of the Alysea and Mystral E 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

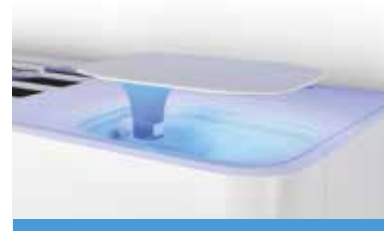
- All modes can be set: heating, cooling, dehumidification, ventilation only
- Special functions can also be set: motorised flap, weekly timer, device sharing
- Room temperature display



NEW

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 m³/h capable of purifying a 36 m³ 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
- 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.



MYSTRAL E

High-wall mono-split inverter



HIGH EFFICIENCY

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



STERILISATION AT 56°C

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



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.



INTELLIGENT AIRFLOW

Distributes the air differently according to the seasons and quickly changes the room temperature.

FEATURES

- High-performance inverter technology
- Coolant gas R32
- Energy efficiency class A++ in cooling
- Anti-dust filter
- Remote control supplied

FUNCTIONS

Cooling, heating, dehumidification and ventilation
Timer, Auto, Eco, 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 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
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.



NEW

ARYAL MULTISPLIT

The energy-efficient multisplit



HIGH EFFICIENCY

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



STERILISATION AT 56°C

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



IONIZER AND AIR QUALITY TECH

The treated air is subjected to an ionising action and purified with anti-dust filters, activated carbon and cold catalytic filters.



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, Eco, Sleep, Silent and Turbo functions

Follow Me function: the remote control thermostat allows correct temperature control where the occupants are present in the room.

Breeze Away and Swing functions: avoid a direct air jet and automatically adjust airflow (horizontal and vertical)

Gear function: 3 power options (50-75-100%) to optimize energy consumption.

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

NEW

			Alysea E Inverter 9	Alysea E Inverter 12	Mystral E inverter 9	Mystral E Inverter 12	Mystral E Inverter 18	Mystral E Inverter 24
INDOOR UNIT CODE			OS-SEAAH09EI	OS-SEAAH12EI	OS-SEMLH09EI	OS-SEMLH12EI	OS-SEMLH18EI	OS-SEMLH24EI
INDOOR UNIT EAN CODE			8021183121148	8021183121179	8021183118919	8021183118940	8021183120769	8021183121100
OUTDOOR UNIT CODE			OS-CEAAH09EI	OS-CEAAH12EI	OS-CEMLH09EI	OS-CEMLH12EI	OS-CEMLH18EI	OS-CEMLH24EI
OUTDOOR UNIT EAN CODE			8021183121155	8021183121186	8021183118926	8021183118957	8021183120776	8021183121117
PRODUCT CODE			OS-C/SEAAH09EI	OS-C/SEAAH12EI	OS-C/SEMLH09EI	OS-C/SEMLH12EI	OS-C/SEMLH18EI	OS-C/SEMLH24EI
EAN CODE			8021183121131	8021183121162	8021183118902	8021183118933	8021183120752	8021183121094
Output power in cooling mode (min/rated/max)		kW	0,8/2,63/3,5	1/3,53/4	0,94/2,63/3,4	1/3,4/3,77	1,25/5,10/5,91	1,5/7,0/7,35
Output power in heating mode (min/rated/max)		kW	1,0/2,83/3,9	1/3,8/4,5	0,94/2,75/3,5	1/3,43/3,81	1,25/5,10/6,07	1,5/7,15/7,8
Absorbed power in cooling mode (min/rated/max)		kW	0,24/0,649/1,5	0,29/0,895/1,65	0,24/0,809/1,38	0,29/1,053/1,5	0,33/1,58/2,34	0,46/2,167/2,70
Absorbed power in heating mode (min/rated/max)		kW	0,24/0,665/1,615	0,29/0,969/1,93	0,24/0,733/1,552	0,29/0,925/1,73	0,34/1,37/2,52	0,46/1,927/2,65
Current consumption in cooling mode (min/rated/max)		A	1,2/3,8/7	1,5/4,7/9,2	1,2/4,6/8,0	1,5/5,1/9,0	1,7/8,1/12,0	2/9,6/12,8
Current consumption in heating mode (min/rated/max)		A	1,2/4,7/5	1,5/5,1/10	1,2/4,1/9,0	1,5/4,6/10,0	1,7/7,0/13,0	2/8,8/13,0
EER			4,05	3,94	3,25	3,23	3,23	3,23
COP			4,25	3,92	3,73	3,71	3,71	3,71
Maximum power consumption in cooling mode		kW	1,5	1,65	1,38	1,50	2,34	2,70
Maximum power consumption in heating mode		kW	1,62	1,93	1,55	1,73	2,52	2,65
Energy efficiency class in cooling			A+++	A+++	A++	A++	A++	A++
Energy efficiency class in heating mode - Average season			A++	A++	A+	A+	A+	A+
Energy efficiency class in heating mode - Warmer season			A+++	A+++	A+++	A+++	A+++	A+++
Energy efficiency class in heating mode - Cold season			A	A	A	A	A	A
Energy consumption in cooling mode		kWh/year	107	144	149	195	293	402
Annual energy consumption in heating mode - Average season		kWh/year	639	761	840	840	1330	1820
Annual energy consumption in heating mode - Warmer season		kWh/year	631	769	659	714	1373	1592
Annual energy consumption in heating mode - Cold season		kWh/year	1792	2162	1606	2162	2471	2800
Dehumidification capacity		l/h	1	1,2	1	1,2	1,5	1,8
DESIGN LOAD (EN 14825)	Cooling	Pdesignc kW	2,6	3,5	2,6	3,4	5,1	7,0
	Heating / Average	Pdesignh kW	2,1	2,5	2,4	2,4	3,8	5,2
	Heating / Warmer	Pdesignh kW	2,3	2,8	2,4	2,6	5,0	5,8
	Heating / Colder	Pdesignh kW	2,9	3,5	2,6	3,5	4,0	4,8
SEASONAL EFFICIENCY (EN14825)	Cooling	SEER	8,5	8,5	6,1	6,1	6,1	6,1
	Heating / Average	SCOP (A)	4,6	4,6	4,0	4,0	4,0	4,0
	Heating / Warmer	SCOP (W)	5,1	5,1	5,1	5,1	5,1	5,1
	Heating / Colder	SCOP (C)	3,4	3,4	3,4	3,4	3,4	3,6
INDOOR UNIT	Sound power (EN 12102)	LWA dB(A)	51	51	52	52	53	60
	Sound pressure (max/med/min/silence)	dB(A)	38/33/27/22	38/33/27/22	38/33/30/22	38/33/30/22	41/38/35/27	50/47/41/38
	Air flow rate in cooling mode (max/med/min)	m³/h	596/542/482	602/542/481	510/430/390	520/450/390	800/620/530	1228/1126/942
	Air flow rate in heating mode (max/med/min)	m³/h	553/492/432	608/524/451	510/430/390	520/450/390	800/620/530	1323/1102/937
	Degree of protection		IPX0	IPX0	IPX0	IPX0	IPX0	IPX0
	Dimensions (WxHxD) (without packaging)	mm	888x313x205	888x313x205	777x250x201	777x250x201	910x294x206	1010x315x220
	Weight (without packaging)	kg	10,5	11	8,0	8,0	10,0	12
	Dimensions (WxHxD) (with packaging)	mm	988x389x328	988x389x328	850x320x275	850x320x275	979x372x277	1096x390x297
	Weight (with packaging)	kg	12,5	13	10,5	10,5	13,0	15
	Sound power (EN 12102)	LWA dB(A)	60	61	62	62	65	67
	Sound pressure	dB(A)	50	51	52	52	55	60
OUTDOOR UNIT	Air flow rate (max)	m³/h	1900	2200	1900	1900	2600	3000
	Degree of protection		IPX4	IPX4	IPX4	IPX4	IPX4	IPX4
	Dimensions (WxHxD) (without packaging)	mm	777x498x290	795x549x305	777x498x290	777x498x290	853x602x349	920x699x380
	Weight (without packaging)	kg	20,5	24,5	24,0	24,0	35,0	37,5
	Dimensions (WxHxD) (with packaging)	mm	838x540x338	852x600x358	818x520x325	818x520x325	890x628x385	960x732x400
	Weight (with packaging)	kg	23,5	26,5	26,0	26,0	38,0	40,5
	Connecting liquid pipeline diameter	inch - mm	1/4"-6,35	1/4"-6,35	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	3/8"-9,52	1/2"-12,7
COOLING CIRCUIT	Maximum piping length	m	25	25	25	25	25	25
	Maximum height difference	m	10	10	10	10	10	10
	Covered piping length from pre-load	m	5	5	5	5	5	5
	Piping recommended minimum length	m	5	5	3	3	3	5
	Refrigerant increase (over 5 m of pipes)	g/m	15	15	15	15	25	25
	Maximum operating pressure	MPa	3,7/1,2	3,7/1,2	3,7/1,2	3,7/1,2	3,7/1,2	3,7/1,2
	Refrigerant gas*	Type	R32	R32	R32	R32	R32	R32
	Global warming potential	GWP	675	675	675	675	675	675
	Refrigerant gas charge	kg	0,51	0,605	0,57	0,57	1,00	1
	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	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	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	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 0,75 mm2	4 x 0,75 mm2	4 x 0,75 mm2	4 x 1,0 mm2
Max Current		A	7,5	10	9,0	10,0	13,0	13,0
LIMITS OF OPERATING CONDITIONS								
Indoor ambient temperature	Maximum temperature in cooling						DB 32°C	
	Minimum temperature in cooling						DB 17°C	
	Maximum temperature in heating						DB 30°C	
	Minimum temperature in heating						DB 0°C	
Outdoor ambient temperature	Maximum temperature in cooling						DB 53°C	
	Minimum temperature in cooling						-	
	Maximum temperature in heating						DB 30°C	
	Minimum temperature in heating						DB -20°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.

PORTABLES

UNICO

MONO AND MULTISPLIT

AIR COOLERS

				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)		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	3,14/9,7/5,85	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	1,8/7,77/13,8	
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.

			NEW	NEW	NEW
			ODU Aryal S2 E Dual Inverter 14	ODU Aryal S2 E Dual Inverter 18	ODU Aryal S2 E Trial Inverter 21
			OS-CAAMH14EI	OS-CAAMH18EI	OS-CAAMH21EI
		OUTDOOR UNIT CODE			
		EAN CODE	8021183119282	8021183119299	8021183119305
	Electrical power supply	V/F/Hz	One Phase 220-240 /1 / 50	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 applied pressure high pressure side/low pressure side	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 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.

		NEW	NEW
		UI Phenix E Inverter 9	UI Phenix E Inverter 12
INDOOR UNIT CODE		OS-SEPHH09EI	OS-SEPHH12EI
EAN CODE		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)	m³/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.

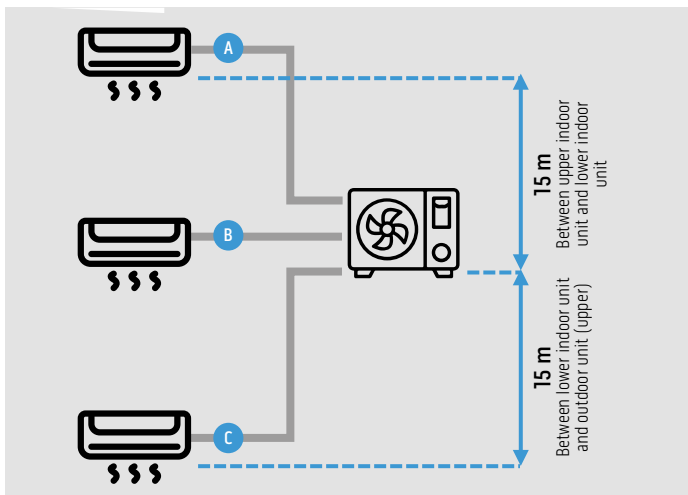
*Non-hermetically sealed equipment containing fluorinated GAS with GWP equivalent to 675.



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 Olimpiaspplendid.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