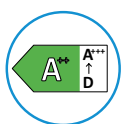


ARYAL MULTISPLIT [I-PHENIX]

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.



		ODU Aryal S2 E Dual Inverter 14	ODU Aryal S2 E Dual Inverter 18	ODU Aryal S2 E Trial 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
	Absorbed power (Nom/Min-Max)	kW	1,27(0,1-1,6)	1,64(0,69-2)
	Current consumption (Nom/Min-Max)	A	5,52(0,43-6,96)	7,13(3-8,7)
	Theoretical Load (PdesignC)	kW	4,24	5,42
	SEER		7,4	7,5
	Energy efficiency class		A++	A++
	Annual energy consumption	kWh/A	202	253
Heating	Capacity (min / rated / max)	kW	1,61-4,4-5,12	2,40-5,57-6,71
	Absorbed power (Nom/Min-Max)	kW	1,19(0,22-1,45)	1,5(0,6-1,75)
	Current consumption (Nom/Min-Max)	A	5,17(0,96-6,3)	6,52(2,6-7,61)
	Theoretical Load (PdesignH) (average climate - warmer climate)	kW	4,04-4,35	4,58-5,13
	Scop (average climate - warmer climate)		4,3-5,3	4,4-5,2
	Energy efficiency class (average climate - warmer climate)	medium zone / hot zone	A+/A+++	A+/A+++
	Annual energy consumption (average climate - warmer climate)	kWh/A	1302-1145	1473-1387
Energy efficiency E.E.R./C.O.P.		W/W	3,23/3,71	3,23/3,71
Outdoor unit	Dimensions (WxHxD) (without packaging)	mm	805x554x330	805x554x330
	Weight (without packaging)	kg	31,6	35,0
	Dimensions (WxHxD) (with packaging)	mm	915x615x370	915x615x370
	Weight (with packaging)	kg	34,7	38,0
	Air flow rate	m³/h	2100	2100
	Sound pressure (max)	dB(A)	56	56
	Sound power level (max)	dB(A)	64	65
Compressor Type			rotary	rotary
Dimensions and limitations of the cooling circuit	Diameter of tube in liquid connection line	mm	2x6,35	2x6,35
	Diameter of tube in gas connection line	mm	2x9,52	2x9,52
	Covered piping length from pre-load	m	15	15
	Piping recommended minimum length	m	3	3
	Piping Equivalent length (max)	m	40	40
	Piping Equivalent max. length (single branch of piping)	m	25	25
	Increase of Refrigerant	g/m	12	12
	Difference in level (Max) (outdoor unit in higher position than indoor units)	m	15	15
	Difference in level (Max) (outdoor unit in lower position than indoor units)	m	15	15
	Difference in level (Max) (elevation difference between indoor units)	m	10	10
Refrigerant fluid	Refrigerant gas *		R32	R32
	GWP		675	675
	Refrigerant gas charge	kg	1,1	1,25
	Maximum operating pressure	MPa	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
	Max Power absorption	W	2750	3050
	Max Current	A	12	13
Operational limits	Outdoor temperature in cooling (Min-Max)	°C B.S.	-/+50	-/+50
	Outdoor temperature in heating (Min-Max)	°C B.U.	-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.olimpiasplesid.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
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.

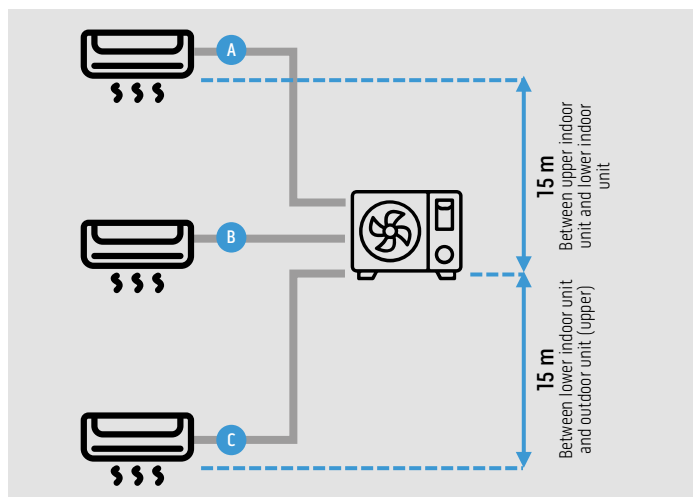
*Non-hermetically sealed equipment containing fluorinated GAS with GWP equivalent to 675.



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