

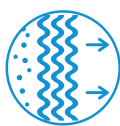
ARYAL MULTISPLIT

The energy-efficient multisplit



HIGH EFFICIENCY

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



PURE SYSTEM

Equipped with a multi-filtering system, consisting of an electrostatic filter (with anti-dust function) and activated carbon filter (effective against unpleasant odours).



SELF CLEAN

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



WI-FI KIT INCLUDED

To ensure Wi-Fi connection to the air conditioner, simply install the special USB key (included in the package) and download the OS Comfort app.

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.
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	NEW		NEW
			ODU Aryal S2 E Dual Inverter 14	ODU Aryal S2 E Dual Inverter 18	ODU Aryal S1 E Trial Inverter 21	ODU Aryal S2 E Trial Inverter 21
			OS-CAAMH14EI	OS-CAAMH18EI	OS-CEAIH21EI	OS-CAAMH21EI
OUTDOOR UNIT CODE			8021183119282	8021183119299	8021183116106	8021183119305
EAN CODE			8021183119282	8021183119299	8021183116106	8021183119305
Cooling	Electrical power supply	V/F/Hz	One Phase 220-240 /1 / 50	One Phase 220-240 /1 / 50	One Phase 220-240 /1 / 50	One Phase 220-240 /1 / 50
	Capacity (min / rated / max)	kW	1,47-4,11-4,84	2,23-5,28-5,57	1,95-6,15-6,83	1,99-6,16-6,60
	Absorbed power (Nom/Min-Max)	kW	1,27(0,10-1,65)	1,64(0,69-2,00)	1,90 (0,67-2,38)	1,91(0,18-2,20)
	Current consumption (Nom/Min-Max)	A	5,80(1,00-7,20)	7,10(3,20-9,00)	9,0 (1,10-9,4)	9,00(1,80-10,00)
	Theoretical Load (PdesignC)	kW	4,1	5,3	6,1	6,1
	SEER		6,8	6,1	6,5	6,5
	Energy efficiency class		A++	A++	A++	A++
	Annual energy consumption	kWh/A	220	304	328	328
Heating	Capacity (min / rated / max)	kW	1,61-4,40-4,84	2,34-5,57-5,63	2,3-6,6-7,9	1,45-6,45-6,69
	Absorbed power (Nom/Min-Max)	kW	1,19(0,22-1,62)	1,50(0,60-1,78)	1,78 (0,62-2,23)	1,74(0,35-1,80)
	Current consumption (Nom/Min-Max)	A	5,40(1,80-7,15)	6,60(2,80-7,95)	8,1 (1,76-8,8)	8,00(2,60-8,10)
	Theoretical Load (PdesignH) (average climate - warmer climate)	kW	3,7-4,1	4,3-5	5,4-5,5	5,4-5,5
	Scop (average climate - warmer climate)		4-5,1	4-5,1	4,0-5,2	4-5,1
	Energy efficiency class (average climate - warmer climate)	medium zone / hot zone	A+ A+++	A+ A+++	A+ A+++	A+ A+++
	Annual energy consumption (average climate - warmer climate)	kWh/A	1320-1125	1503-1378	1890-1481	1890-1510
	Energy efficiency E.E.R./C.O.P.	W/W	3,23/3,71	3,23/3,71	3,24 / 3,71	3,23-3,71
Outdoor unit	Dimensions (WxHxD) (without packaging)	mm	805x554x330	805x554x330	845x702x363	890x673x342
	Weight (without packaging)	kg	31,6	35,0	46,8	43,3
	Dimensions (WxHxD) (with packaging)	mm	915x615x370	915x615x370	965x775x395	1030x750x438
	Weight (with packaging)	kg	34,7	38,0	51,1	47,1
	Air flow rate	m³/h	2100	2100	3000	3000
	Sound pressure (max)	dB(A)	56	56	57,5	58
	Sound power level (max)	dB(A)	65	65	65	65
	Compressor Type		rotary	rotary	rotary	rotary
Dimensions and limitations of the cooling circuit	Diameter of tube in liquid connection line	mm	2x6,35	2x6,35	3x6,35	3x6,35
	Diameter of tube in gas connection line	mm	2x9,52	2x9,52	3x9,52	3x9,52
	Covered piping length from pre-load	m	15	15	22,5	22,5
	Piping recommended minimum length	m	3	3	3	3
	Piping Equivalent length (max)	m	40	40	60	60
	Piping Equivalent max. length (single branch of piping)	m	25	25	30	30
	Increase of Refrigerant	g/m	12	12	12	12
	Difference in level (Max) (outdoor unit in higher position than indoor units)	m	15	15	15	15
Difference in level (Max) (outdoor unit in lower position than indoor units)	m	15	15	15	15	
Difference in level (Max) (elevation difference between indoor units)	m	10	10	10	10	
Refrigerant fluid	Refrigerant gas *		R32	R32	R32	R32
	GWP		675	675	675	675
	Refrigerant gas charge	kg	1,1	1,25	1,40	1,5
	Maximum applied pressure high pressure side/low pressure side	MPa	4,3-1,7	4,3/1,7	4,3/1,7	4,3-1,7
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	One Phase 220-240 /1 / 50
	Max Power absorption	W	2750	3050	3300	3910
	Max Current	A	12	15	15,5	17
Operational limits	Outdoor temperature in cooling (Min-Max)	°C B.S.	-/+50	-/+50	-/+50	- /+50
	Outdoor temperature in heating (Min-Max)	°C B.U.	-15/+24	-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 S1 range are measured under the following conditions: ambient sound pressure level equal to 0 dB (pressure equal to 20Pa), unit positioned in free space, measuring device positioned at a distance of 1.5 metres (external unit).

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 (external unit).

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

		IDU Alyas E Inverter 9	IDU Alyas E Inverter 12	IDU Alyas S1 E Inverter 12
INDOOR UNIT CODE		OS-SECYH09E1	OS-SECYH12E1	OS-SAALH12E1
EAN CODE		8021183116205	8021183116212	8021183119312
Electrical power supply	V/F/Hz	220-240/1/50	220-240 / 1 / 50	220-240/1/50
Cooling	kW (Nom)	2,64	3,52	3,52
Heating	kW (Nom)	2,93	3,81	3,81
Indoor unit	Dimensions (WxHxD) (without packaging)	mm	722x290x187	802x297x189
	Weight (without packaging)	kg	7,3	8,6
	Dimensions (WxHxD) (with packaging)	mm	790x375x270	875x380x285
	Weight (with packaging)	kg	9,7	11,1
	Air flow rate (min/rated/max)	m³/h	230-309-416	395-477-584
	Sound pressure (silent/min/med/max)	dB(A)	20-23-31-39	/-26-32-39
	Sound power level Max (EN 12102)	dB(A)	54	55
Piping dimensions	Diameter of tube in liquid connection line	inch - mm	1/4" - 6,35	1/4" - 6,35
	Diameter of tube in gas connection line	inch - mm	3/8" - 9,52	3/8" - 9,52
Operational limits	Indoor temperature in cooling (Min-Max)	°C B.S.	+17/+32	+17/+32
	Indoor temperature in heating (Min-Max)	°C B.S.	0/+30	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 Alyas E range are measured under the following conditions: ambient sound pressure level equal to 0 dB (pressure equal to 20Pa), unit positioned in free space, measuring device positioned at a distance of 1.5 metres (external unit). The sound pressure values of the Alyas S1 range are measured under the following conditions: in semi-anechoic chamber, unit positioned in free space, measuring device positioned at a distance of 1.5 metres (external unit).

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

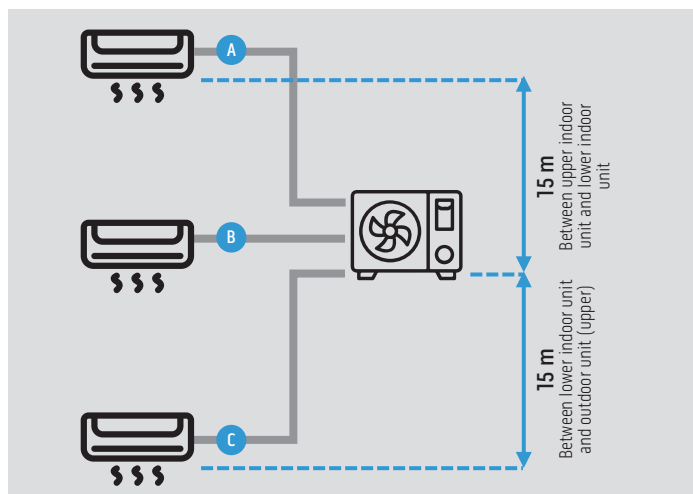
The code OS-SECYH12E1 UI Alyas E Inverter 12 can only be combined with code OS-CEAIH21E1 UE Aryal S1 E Trial Inverter 21. The code OS-SAALH12E1 UI Alyas S1 E Inverter 12 can only be combined with codes OS-CAAMH14E1 UE Aryal S2 E Dual Inverter 14, OS-CAAMH18E1 UE Aryal S2 E Dual Inverter 18 and OS-CAAMH21E1 UE Aryal S2 E Trial Inverter 21. The OS-SECYH09E1 UI Alyas E Inverter 9 can be combined with all the external unit codes (OS-CAAMH14E1; OS-CAAMH18E1; OS-CAAMH21E1; OS-CEAIH21E1).



Download the complete combinations table

The table shows the possible general combinations of the Aryal Multisplit external units. Based on the specific models of internal unit, always check the combinations on-line at Olimpiasp Splendid.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