

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.

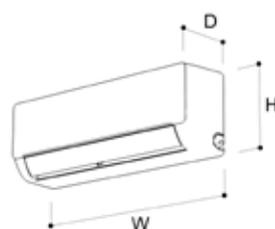
Air Quality Technology

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.

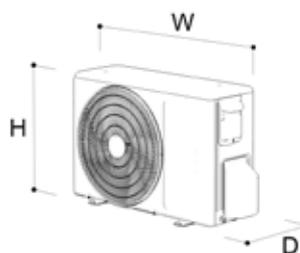
TECHNICAL INFO

- 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
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

				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
INDOOR ENVIRONMENT	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.