

+ PRODUCTS

- Designed for extreme climates.
- R32 refrigerant with low environmental impact.
- Ultra-quiet heat pump.
- Sleek design.
- Connected solution (WiFi).



RC10 included

FEATURES

TECHNOLOGY:



DC INVERTER



R32 FLUID



ELECTRONIC EXPANSION VALVE



4D AIRFLOW

AIR QUALITY / CLEAN:



NANO PHOTOCATALYTIC FILTER



AUTO CLEAN/DRY

USER FUNCTIONS:



NIGHT MODE



QUIET MODE



REFRIGERANT LEAKAGE DETECT



PROGRAMMABLE TIMER



AUTO RESTART (MEMORY)



REMOTE CONTROL LOCK



WIFI

INSTALLER FUNCTIONS:



ERROR CODE VIA INDOOR UNIT



SELF DIAGNOSTIC



LEFT/RIGHT DRAIN CONNECTION



SERVICE MONITOR TOOL

- High performance: operating at -30°C in heating mode.
- "Follow me": optimized airflow via a presence detector.
- High efficiency (SCOP higher than 5 and SEER higher than 8): energy savings.
- Reduced energy consumption using the hot mode alone.
- High wall with a digital display (mode, temperature...).
- Double motorized shutters for maximum thermal comfort (4 air streams).



"FOLLOW ME" FUNCTION



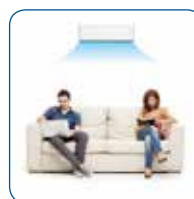
Wind flow away from people



Wind flow follow people



Strong wind when more people in room



Gentle wind flow when less people in room

OPTIONS

Accessory	Part number	Photo	Function
Test tool for high wall	7ACEL1710		Easy viewing of system parameters, failure records and parameter adjustments.
Central controller RCW16	7ACEL1707		Controls up to 64 indoor units with individual setting failure codes indication, ON-OFF dry contact, last operation memory, Modbus.
Air Net WiFi Module	7ACEL1719		Control air conditioners with your mobile phone, tablet or computer with wireless router and internet.



HRD TECHNICAL DATA

Indoor units		AWSI-HRD009-N91	AWSI-HRD012-N91
Outdoor units		AWAU-YRD009-H91	AWAU-YRD012-H91
Phase		Single phase	Single phase
COOLING			
Rated power (min./max.)	kW	2.65 (1.0-4.7)	3.54 (1.3-4.8)
Pdesignc	kW	2.65	3.54
Rated power input	kW	0.489	0.802
SEER/Energy label		9.3/A+++	8.5/A+++
Operating limits	°C	-15°/50° Dry bulb	
HEATING			
Rated power (min./max.)	kW	4.1 (0.9-5.2)	4.3 (1.0-6.3)
Pdesignh (average climate)	kW	2.3	2.5
Pdesignh (warmer climate)	kW	3	3.1
Pdesignh (colder climate)	kW	3.6	3.8
Rated power input	kW	0.870	1.020
SCOP/Energy Label (average climate)		5.1/A+++	5.1/A+++
SCOP/Energy Label (warmer climate)		6.1/A+++	6.1/A+++
SCOP/Energy Label (colder climate)		4.0/A+	3.4/A
Operating limits	°C	-30°/30° Dry bulb	
Power @ -10°C	kW	3.40	3.40
Power @ -15°C	kW	3.10	3.10
INDOOR UNIT			
Sound pressure level to 1 m (VL/LS/MS/HS)	dB (A)	20/23/28/32	20/24/29/33
Sound power level	dB (A)	59	59
Airflow (VL/LS/MS/HS)	m³/h	270/360/450/540/640	270/360/450/540/640
Dehumidification	l/h	1.0	1.2
Outline dimensions (WxHxD)	mm	895x298x248	895x298x248
Package dimensions (WxHxD)	mm	975x370x325	975x370x325
Net weight/Gross weight	kg	13/16	13/16
Part number		7SP023060	7SP023061
OUTDOOR UNIT			
Sound pressure level to 1 m	dB (A)	51	51
Sound power level	dB (A)	57	57
Airflow	m³/h	1980	1980
Compressor type		Rotary DC Inverter	Rotary DC Inverter
Outline dimensions (WxHxD)	mm	800x554x333	800x554x333
Package dimensions (WxHxD)	mm	900x615x390	900x615x390
Net weight/Gross weight	kg	36.4/39.7	36.4/39.7
Part number		7SP062915	7SP062916
POWER SUPPLY			
Phase/Tension/Frequency		1P/230V/50Hz	1P/230V/50Hz
Power supply side		Outdoor	Outdoor
Power cable section	mm²	3x1.5	3x1.5
Fuse rating am (D curve)	A	10	10
Electrical connections	mm²	5x1.5	5x1.5
PIPE LINE			
Suction pipe diameter	inches	3/8"	3/8"
Liquid pipe diameter	inches	1/4"	1/4"
Max. length	m	25	25
Max. height	m	10	10
Refrigerant / GWP		R32/675	R32/675
Charge (5 m)	kg	0.87	0.87
Additional charge	g/m	15	15

COMBINATIONS

Indoor unit	Compatible with outdoor unit
High wall	Monosplit
HRD	YRD
	