

ARV6 Mini Series Outdoor Units



AUX
AIR CONDITIONER



ARV6 Mini Series Outdoor Units



We are pleased to announce that AUX ARV6 series have been registered with Eurovent. Eurovent tests and certifies that the performance and technical characteristics of such products follow all European and global guidelines. When a product is certified from Eurovent, it is guaranteed that it will perform as its' manufacturer claims. Products that bear Eurovent's certification badge go through strict testing protocols and are accurately evaluated from the independent organization.

CONSUMERS BENEFITS

When consumers see Eurovent's certification badge on a product, they can be 100% certain that it functions exactly as its' manufacturer claims:

- Claimed electricity consumption is true
- Claimed technical characteristics are present and valid
- Claimed performance and Energy Rating are true and guaranteed.

Project Tender



ARV6 Mini Series Outdoor Units

DC Inverter Compressor

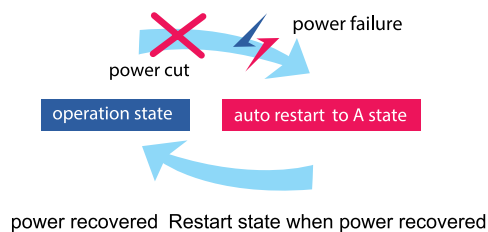
Made of rare earth permanent magnetic material, the rotor can change the motor's speed by adjusting the DC Voltage motor, preventing strong electromagnetic noise and rotor loss of AC inverter compressor, and also achieving higher efficiency of the system.

Accurate Temperature Control

According to changes of indoor ambient temperature, the unit can use PI algorithm to calculate capacity demand percentage of indoor units, controlling the operating frequency of the compressor in real time achieving accurate control of room temperature.

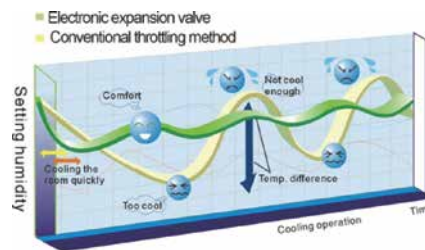
Auto Restart Function

The AC can automatically memorize operation settings. If there is a power failure, the system can return to previous settings when the power recovers.



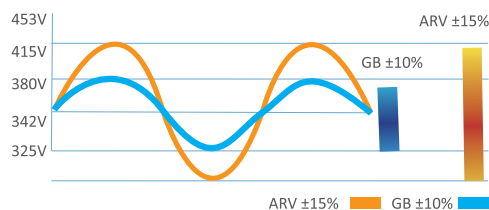
Fast Cooling/Heating Technology

The DC Inverter Compressor system reaches full load rapidly providing less temperature fluctuation and an improved living environment, bringing great user experience.



Wide Voltage Design

In countries with unstable voltage range of electricity supply, ARV6 system will still function normally.



Refrigerant PCB Cooling Technology

The PCB is cooled by the refrigerant, ensuring stable system operation.



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Specifications Mini VRF

	ARV-H080/ NR1	ARV-H100/ NR1	ARV-H120/ NR1	ARV-H140/ SR1DCS7	ARV-H160/ SR1DCS7	ARV-H220/ SR1DCS7	ARV-H260/ SR1DCS7
Power Supply V~,Hz,Ph	220~240,50/60,1	220~240,50/60,1	220~240,50/60,1	380~415,3N~50/60	380~415,3N~50/60	380~415,50,3	380~415,50,3
Cooling Capacity (Kw)	8	10	12.3	14	16	22.40	25.00
Cooling Input (Kw)	2.3	3	3.25	4.11	4.66	6.80	7.60
SEER	3.47	3.33	3.78	3.4	3.43	3.29	3.42
Cooling - Rated current (A)	10.1	13.2	14.3	10.5	11.9	11.10	12.40
Heating Capacity (Kw)	9	11.5	13.2	16	18	24.50	28.5
SCOP	3.75	3.59	3.87	3.90	3.56	4.15	4.19
Heating - Input (Kw)	2.4	3.2	3.41	4.1	5.05	5.90	6.80
Heating - Rated current (A)	10.5	14	15	10.46	12.89	9.60	11.10
Max. Input Consumption (W)	3.9	4.4	5.1	7.05	7.05	11.0	12.0
Max. Current (A)	18	20	24	11.3	11.3	18.0	21.0
Compressor Type	DC Inv	DC Inv	DC Inv	DC Inv	DC Inv	Rotary	Rotary
Compressor Brand	GMCC	GMCC	GREE	GMCC	GMCC	Mitsubishi	Mitsubishi
Compressor Capacity (W)	7645	7645	10060	12345	12345	20100	20100
Compressor Input (W)	2080	2080	3360	3380	3380	6270	6270
Compressor Quantity	1	1	1	1	1	1	1
Compressor Operating Frequency (Hz)	12~120	12~120	15~120	12~120	12~120	10~120	10~120
Outdoor Fan Motor Type	DC Inv	DC Inv	DC Inv	DC Inv	DC Inv	DC Inv	DC Inv
Outdoor Fan Motor Quantities	1	1	2	2	2	2	2
Outdoor Fan Motor Insulation Class	E	E	E	E	E	E	E
Outdoor Fan Motor Safe Class	IP24	IP24	IP24	IP23	IP23	IP24	IP24

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Outdoor Fan Motor Input Power (W)	150	150	96	/	/	170	170
Outdoor Fan Motor Output Power (W)	120	120	69	100	100	/	/
Outdoor Fan Motor Rated Current (A)	0.9	0.9	0.28	/	/	1.73	1.73
Outdoor Fan Motor Brand	WELLING	WELLING	WELLING	Panasonic	Panasonic	WOLONG	WOLONG
Outdoor Fan Motor Speed (r/min)	900	900	820	760	760	870	870
Outdoor Fan Type	Axial	Axial	Axial	Axial	Axial	Axial	Axial
Outdoor Fan - Fan Quantity	1	1	2	2	2	2	2
Air Flow Volume (CFM)	3230	3230	4235	4235	4235	6474	6474
Air Flow Volume (m3/h)	4154	4154	7200	7200	7200	11000	11000
Noise Level dB(A)	56	56	57	57	57	60	60
Dimension(W×D×H) - Net (mm)	970×803×370	970×803×370	940×340×1320	940×370×1325	940×370×1325	1120×400×1510	1120×400×1510
Weight - Net (kg)	66	66	86	103	103	166	166
Refrigerant type/Quantity - Type	R410a	R410a	R410a	R410a	R410a	R410A	R410A
Refrigerant type/Quantity - Charged Volume (kg)	2.65	2.65	3.6	4.1	4.1	7.58	7.58
Design Pressure (Mpa)	4.2	4.2	4.2	4.2	4.2	4.2	4.2
Liquid Side (mm)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)
Gas Side (mm)	15.88(5/8)	15.88(5/8)	15.88(5/8)	19.05(3/4)	19.05(3/4)	22.22(7/8)	22.22(7/8)
Max. Length (m)	100	100	150	150	150	250	250
Max. Height (m)	50	50	50	50	50	50	50
Ambient Temperature Range(Cooling/Heating) (°C)	-15~49/-15~27	-15~49/-15~27	-15~49/-15~27	-15~49/-15~27	-15~49/-15~27	-15~49/-15~27	-15~49/-15~27

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