



Aria



Wi-Fi Standard

The series of Aria air conditioners include a USB stick, in order for you, to enjoy all the benefits of remote management. Control your climate easily from wherever you are, with your Smartphone or Tablet. Free download the Invmate II application via Google Play & App Store and achieve optimal temperature conditions with great energy savings.



R32 - New ECO Refrigerant

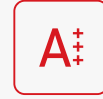
Being the pioneer in air conditioning, Inventor introduces the new R32 refrigerant in the air conditioner series, so as to give you higher comfort levels and at the same time protect the environment. The new R32 ecological refrigerant, with 68% lower global warming potential, does not adversely affect the ozone layer, while contributes in reducing global warming and maintenance costs.



Green Fin

High anti - corrosion hydrophilic aluminum foil coating (Organic resin). The coating can withstand the salty air, the rain and any other corrosive elements. Not only protects the outdoor unit but also improves the performance of the unit.

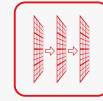




Energy Class



Ionizer Filter



Triple Action Filter



High Density Air Dust Filter

09/12/18/24K Btu/h



Mute Mode



8°C Heating



4 Way Air Flow



Follow Me



Powerful Self-Cleaning



Ultra Silence Mode



Low Ambient Cooling



Filter Check



All DC Inverter



Hotel Menu

MODEL		AR1MVI32-09WiFi/ AR1MVO32-09	AR1MVI32-12WiFi/ AR1MVO32-12	AR1MVI32-18WiFi/ AR1MVO32-18	AR2MVI32-24WiFi/ AR2MVO32-24	
Cooling Capacity (Btu/h)		9.200 (3.500-10.900)	12.000 (2.800-14.200)	18.000 (5.900-21.200)	25.000 (8.800-28.800)	
Cooling Capacity (kWatt)		2.7 (1.03-3.20)	3.51 (0.82-4.16)	5.27 (1.72-6.21)	7.33 (2.57-8.44)	
Heating Capacity (Btu/h)		10.000 (3.000-12.500)	13.000 (2.900-16.300)	19.000 (3.600-23.800)	26.000 (5.200-32.200)	
Heating Capacity (kWatt)		2.93 (0.87-3.66)	3.81 (0.84-4.78)	5.56 (1.05-6.98)	7.62 (1.52-9.44)	
Seasonal Efficiency (In accordance to EN14825)	Cooling	Pdesign (kW)	2.7	3.5	5.2	7.3
		Energy Class	A++	A++	A++	A++
		SEER	7.6	7.5	6.7	6.9
		Annual Power Consumption (kWh/year)	124	163	272	370
	Heating (Middle Zone)	Pdesign (kW)	2.6	2.8	4.1	5.1
		Energy Class	A+	A+	A+	A+
		SCOP	4.0	4.2	4.0	4.0
		Annual Power Consumption (kWh/year)	910	933	1.435	1.785
	Heating (Warm Zone)	Pdesign (kW)	3.1	3.3	4.5	6.3
		Energy Class	A+++	A+++	A+++	A+++
		SCOP	5.2	5.1	5.1	5.1
		Annual Power Consumption (kWh/year)	835	906	1.235	1.729
Voltage / Frequency / Phase (V/Hz/Ph)		220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	
Current Input (A)	Cooling	3.25 (0.3-5.3)	4.74 (0.2-6.9)	6.68 (0.5-10.4)	10.44 (1.0-14.1)	
	Heating	3.44 (0.6-5.7)	4.47 (0.6-7.4)	6.35 (0.8-10.8)	9.46 (1.4-14.4)	
Power Input (W)	Cooling	749 (70-1.230)	1.089 (50-1.600)	1.538 (120-2.390)	2.402 (230-3.350)	
	Heating	715 (140-1.310)	1.050 (130-1.710)	1.461 (190-2.490)	2.177 (230-3.370)	
Air Flow Volume (m³/h) (High/Medium/Low)		521/429/259	539/478/294	750/505/420	1.050/750/560	
Sound Power Level (dB(A))	Indoor unit (Silent/Low/Medium/High)	21/22/29.5/37	21/22/30/38	21/27/33/42	26/30/40/46	
	Outdoor unit	55	55	57	59	
Sound Power Level (dB(A))	Indoor unit	53	55	57	60	
	Outdoor unit	59	60	62	65	
Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	
Liquid line Gas line		1/4" 3/8"	1/4" 3/8"	1/4" 1/2"	3/8" 5/8"	
Power Supply Wire Outdoor (No x mm²) / Fuses (A)		3x1.5/10	3x1.5/10	3x2.5/16	3x2.5/16	
Signal Wires (No x mm²)		5x1.5	5x1.5	5x1.5	5x1.5	
Dimensions WxDxH (mm)	Indoor unit	722x187x290	802x189x297	965x215x319	1.080x226x335	
	Outdoor unit	770x300x555	770x300x555	800x333x554	845x320x700	
Net Weight (kg)		7.4/26.4	8.2/26.5	9.0/37.0	12.0/48.0	
Refrigerant		R32/700g	R32/800g	R32/1.250g	R32/1.600g	
Outdoor Operation Temperature Range (°C)	Cooling	-15~50	-15~50	-15~50	-15~50	
	Heating	-15~30	-15~30	-15~30	-15~30	

