

SPLIT

ARIA wall-mounted air conditioner

ARIA wall-mounted air conditioners are a perfect solution for allergy sufferers! Appliances are equipped with air ionisers that always generate negative ions during the cooling or heating. Negative ions are generated by the ioniser neutralise the charge of positive ions by causing the contaminants to fall on the floor, while reducing the risk of allergy and various infections. The ioniser also helps neutralising the odours in the room.

TEMPERATURE SETPOINT from 16 to 30°C

Ioniser

The ioniser improves air quality and freshness in the room. Electrical equipment generates positive ions, also referred to as electrosmog, that attract dust and viruses. Negative ions are generated by the ioniser neutralise the charge of positive ions by causing the contaminants to fall on the floor, while reducing the risk of allergy and various infections. The ioniser also helps neutralising the odours in the room.



Wi-Fi control

The Wi-Fi control in standard enables controlling the air conditioner with a telephone connected to the Internet from any place. The comfortable and intuitive Wi-Fi INTELLIGENT AIR app enables access to all basic settings of the air conditioner.



High energy efficiency

Innovative solutions enabled a significant reduction of energy consumption in both cooling and heating mode. The appliances have A+++/A++ energy rating.



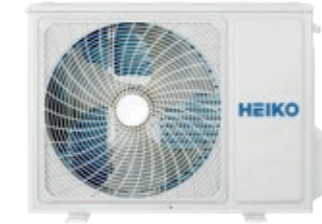
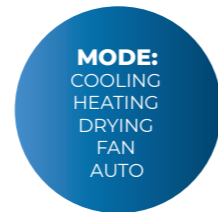
SMART airflow

An innovative solution for airflow control. The stream is directed upwards during the cooling and downwards during the heating, which enables an even distribution of air, thus preventing direct airflow on the user.



Airflow speed control

The option to control airflow shutters vertically and horizontally and right and left enables precise direction of the airflow. The function is available from the wireless controller and the Wi-Fi Intelligent Air app.



Indoor unit			JS025-A1	JS035-A1	JS050-A1
Outdoor unit			JZ025-A1	JZ035-A1	JZ050-A1
Capacity (cooling)	Rated (min – max)	Btu/h	8870 (2730 – 10920)	11940 (3410 – 13650)	17740 (4770 – 20470)
	Rated (min – max)	kW	2.6 (0.8 – 3.2)	3.5 (1.0 – 4.0)	5.2 (1.4 – 6.0)
Energy efficiency	SEER/EER		8.5/4.00	8.5/4.00	7.2/3.68
Energy rating	Cooling		A+++	A+++	A++
Power input (cooling)	Rated (min – max)	kW	0.65 (0.2 – 1.5)	0.88 (0.3 – 1.5)	1.4 (0.5 – 2.0)
Annual energy consumption (cooling)		kWh	107	144	253
Capacity (heating)	Rated (min – max)	Btu/h	10920 (2730 – 14330)	14330 (3410 – 17740)	20470 (4770 – 23540)
	Rated (min – max)	kW	3.2 (0.8 – 4.2)	4.2 (1.0 – 5.2)	6.0 (1.4 – 6.9)
Energy efficiency	SCOP/COP (moderate climate)		4.6/4.0	4.6/3.81	4.6/4.0
	SCOP (warm/cold climate)		5.5/-	5.5/-	5.6/-
Energy rating (heating)	Moderate/warm/cold climate		A++/A+++/-	A++/A+++/-	A++/A+++/-
Power input (heating)	Rated (min – max)	kW	0.8 (0.30 – 1.60)	1.1 (0.50 – 1.60)	1.5 (0.52 – 2.35)
Annual energy consumption (heating)		kWh	731	854	1401
Operating range (cooling)	Min – Max (out)	°C	-20 ~ 43	-20 ~ 43	-20 ~ 43
Operating range (heating)	Min – Max (out)	°C	-20 ~ 24	-20 ~ 24	-20 ~ 24
Power supply		Ph/V/Hz	1/230/50	1/230/50	1/230/50
Power supply (position)				Outdoor unit	
Indoor unit			JS025-A1	JS035-A1	JS050-A1
Package dimensions	width/depth/height	mm	870/196/301	870/196/301	1009/223/327
Dimensions with packaging	width/depth/height	mm	952/283/389	952/283/389	1100/314/420
Net/gross weight		kg	9.5/12	9.5/12	12/15
Airflow (cooling/heating)	Max	m³/h	600	650	900
Sound power level		dB(A)	53	55	57
Sound pressure level		dB(A)	38/32/25/19	39/33/26/20	45/41/37/28
Moisture removal capacity		10³m³/h	1.2	1.6	2.0
Outdoor unit			JZ025-A1	JZ035-A1	JZ050-A1
Compressor			PANASONIC	HIGHLY	MITSUBISHI
Net dimensions	width/depth/height	mm	800/275/553	800/275/553	820/338/614
Packaging dimensions	width/depth/height	mm	954/409/625	954/409/625	993/413/685
Net/gross weight		kg	29/31.5	31.5/34	37.8/41.5
Airflow (cooling/heating)	Max	m³/h	1900	2000	2500
Sound power level		dB(A)	59	61	63
Sound pressure level		dB(A)	47	48	51
Operating current	Max	A	7.2	7.2	10.9
Refrigerant filling	Refrigerant type		R32	R32	R32
	Refrigerant filling	g	650	940	950
Refrigerant piping	Liquid pipe diameter	mm	6.35	6.35	6.35
	Gas pipe diameter	mm	9.52	9.52	12.7
	Max pipeline length/Max level difference	m	20/10	20/10	25/15
	Max pipeline length without additional filling	m	7	7	7
	Extra refrigerant per metre of pipeline	g/m	20	20	20