



HEIKO



HEIKO

HEIKO General Distributor

REFSYSTEM Sp. z o.o.
ul. Metalowców 5, 86-300 Grudziądz
tel. +48 726 002 102

Air conditioners
HEIKO
Split and Multi Split

5-year guarantee

Technical data



Very quiet



Simple latch of support



Smart air flow



Easy and quick repair of motor



2-d corner construction of pipelines



Comfortable dream



			MODEL	
Indoor unit			M2Z050-D1	
Combinations			JS026-B1 + JS035-B1	
Max. indoor units per one outdoor unit			2	
Nominal performance data	Capacity	Cooling	Btu/h (nor)	16380
			kW min/norm/max	1.1/4.8/5.7
		Heating	Btu/h (norm)	17750
			kW min/norm/max	1.6/5.2/6.1
	Rated power input	Cooling	kW min/norm/max	0.35/1.52/2.4
		Heating	kW min/norm/max	0.55/1.51/2.45
EER/COP			3.1/3.4	
Seasonal performance data	Cooling P design (35°C)		kW	4,8
	Heating P design (-10°C)		kW	5
	SEER/SCOP			5.1/3.8
	Energy class (cooling/heating)			A/A
	Annual energy consumption (cooling)		kW	330
	Annual energy consumption (heating)		kW	1841
Outdoor Unit				
Elec. parameters	Power supply		Ph/V/Hz	1/230/50
	Air flow (H/M/L)		m³/h	2900
Performance	Sound power level (H/M/L)		dB(A)	63
	Sound pressure level (H/M/L)		dB(A)	54
	External dimensions (W/D/H)		mm	810/288/688
Installation	Shipping dimensions (W/D/H)		mm	949/406/760
	Net/Shipping weight		kg	43/46.4
	Compressor type			Twin rotary
	Refrigerant type			R32
	GWP			675
	Refrigerant liquid pipe		mm	2x6.35
	Refrigerant gas pipe		mm	2x9.52
	Max pipe length		m	35
	Max pipe height		m	20
	Max drop between (I.U. & O.U.)		m	15
	Refrigerant load in factory		kg	1.2
	Max pipe length without charge refrigerant		m	20
	Refrigerant charge quantity for extra length		g/m	20
	Working temp.	Cooling (Min-Max)		°C
Heating (Min-Max)		°C	-15-24	

Heiko air conditioners innovativeness and competitive price are distinguishing features!

Heiko is a brand which takes care of the **environment** by applying numerous **proecological** solutions. Heiko air conditioners favour installers. Their installation is **easy and quick**.

		MODEL			
Outdoor Unit		M2Z050-D1			
Indoor Unit		JS026-B1, JS035-B1			
COOLING					
	Combinations	Unit A	25	25	35
		Unit B	25	35	35
	Rated capacity output (kW)	Unit A	2.40	1.95	2.40
		Unit B	2.40	2.85	2.40
	Total cooling capacity (kW)	Data min.	1,10	1,10	1,10
		Rated data	4,80	4,80	4,80
		Data max.	5,50	5,60	5,70
1:2	Power input (kW)	Data min.	0,35	0,35	0,35
		Rated data	1,52	1,50	2,35
		Data max.	2,33	2,35	2,40
	Total current (A)@230 V	Data min.	1,6	1,6	1,6
		Rated data	6,5	6,4	6,5
		Data max.	10,5	10,5	10,7
EER		Capacity [nominal]	3,16	3,20	3,16
Energy class			B	B	B
SEER (W/W)		Capacity [nominal]	5,10	5,10	5,10
Energy class			A	A	A
HEATING					
	Combinations	Unit A	25	25	35
		Unit B	25	35	35
	Rated capacity output (kW)	Unit A	2.60	2.40	2.60
		Unit B	2.60	2.80	2.60
	Total heating capacity (kW)	Data min.	1,40	1,50	1,60
		Rated data	5,20	5,20	5,20
		Data max.	6,00	6,10	6,10
1:2	Power input (kW)	Data min.	0,52	0,53	0,55
		Rated data	1,53	1,53	1,51
		Data max.	2,37	2,40	2,45
	Total current (A)@230 V	Data min.	2,3	2,4	2,5
		Rated data	6,8	6,8	6,7
		Data max.	10,6	10,7	10,9
COP		Capacity [nominal]	3,40	3,40	3,44
Energy class			B	B	B
SCOP (W/W)		Capacity [nominal]	3,80	3,80	3,80
Energy class			A	A	A

Technical data



		MODEL				
Indoor unit			JS025-C1	JS035-C1	JS050-C1	JS070-B1
Outdoor unit			JZ025-C1	JZ035-C1	JZ050-C1	JZ070-B1
Cooling Capacity	Nom. (min.-max)	Btu/h	8870(2730-10230)	11940(2730-12620)	17060(4430-17790)	23880(7500-29000)
	Nom. (min.-max)	kW	2.6(0.8-3.0)	3.5(0.8-3.7)	5.0(1.3-5.8)	7.0(2.2-8.5)
Energy Efficiency (average climate)	SEER/EER	Energy Saving	6.1/3.23	6.1/2.81	6.1/3.41	7.1/3.23
Energy Class - Cooling			A++	A++	A++	A++
Cooling Pdesign capacity (35°C)		kW	2.6	3.6	5	
Power Input (cooling)	Nom. (min.-max)	kW	0.80(0.30-1.20)	1.11(0.30-1.60)	1.46(0.40-2.00)	2.16(0.70-2.90)
Annual energy consumption (cooling)		kWh/a	147	186	287	350
Heating Capacity	Nom. (min.-max)	Btu/h	9550(2730-10920)	12280(2730-14330)	17740(4770-20470)	27640(8190-34120)
	Heating at -7°C	Btu/h	7160	9550	13650	17060
	Nom. (min.-max)	kW	2.8(0.8-3.2)	3.6(0.8-4.2)	5.2(1.4-6.0)	8.1(2.4-10.0)
	Heating at -7°C	kW	2.1	2.8	4	5.0
Energy efficiency	SCOP/COP (Average climate)	Energy Saving	4.0/3.71	4.1/3.71	4.0/3.71	4.0/3.71
	SCOP (Warm/Cold climate)		4.90/3.10	4.60/3.10	5.10/3.10	
Energy Class - Heating	Average/warm/cold		A+/A++/B	A+/A++/B	A+/A+++/B	A++/A+++/-
Heating Pdesign capacity (-10°C)		kW	2.4	3.2	4.6	
Power Input (heating)	Nom. (min.-max)	kW	0.78(0.30-1.50)	0.99(0.40-1.60)	1.40(0.52-2.5)	2.18(0.70-2.90)
Annual energy consumption (heating)		kWh/a	839	1123	1610	1963
Operating limits (cooling)	Min.-Max (intern) /Min.-Max.(extern)	°C	21-35/-15-43	21-35/-15-43	21-35/-15-43	21-35/-15-43
Operating limits (heating)	Min.-Max (intern) /Min.-Max.(extern)	°C	10-27/-25-24	10-27/-25-24	10-27/-25-24	10-27/-25-24
Power Supply		PhV/Hz	1/230/50	1/230/50	1/230/50	1/230/50
Power Supply (position)			outdoor			
40H FCL (set)	*just for reference					

Indoor						
Net dimension	width x depth x height	mm	708/190/263	820/195/280	1 008/225/318	1125/240/335
Packaging dimensions	width x depth x height	mm	786/270/348	909/279/355	1 085/329/403	1206/342/418
Net weight / gross weight		kg	8.8/11.0	8.8/11	11.6/14.4	14/17.5
Air flow (cooling/heating)	Max	m³/h	500	550	1000	1200
Sound power level	Heating	dB	54	56	58	60
	Cooling	dB	54	56	57	61
Sound pressure level	Cooling (Q/L/M/H)	dB(A)	37/32/28/18	37/33/29/19	44/40/35/28	47/43/37/30
	Heating (Q/L/M/H)	dB(A)	38/33/29/21	38/34/30/20	45/41/36/29	48/44/38/31
Moisture Removal		10 ⁻³ m³/h	12	1.6	2.0	2.8

Outdoor						
Compressor			Panasonic	Hitachi	Hitachi	Mitsubishi
Net dimension	width x depth x height	mm	700/240/553	780/245/540	800/280/550	890/353/697
Packaging dimensions	width x depth x height	mm	920/361/620	920/361/620	954/409/625	1 046/460/780
Net weight / gross weight		kg	27/30	28/31	33.5/36	51/56
Air flow (cooling/heating)	Max	m³/h	1900	1900	2 500	2 900
Sound power level		dB	62/63	62/63	65/66	65/66
Sound pressure level		dB(A)	49/50	50/51	53/54	52/53
Running Current	Max	A	6.7	7.1	8.9	13
Refrigerant type			R32	R32	R32	R32
Refrigerant charge		g	500	620	900	1200
Refrigerant Pipe	Liquid side diameter	mm / inch	6.35	6.35	6.35	6.35
	Gas side diameter	mm / inch	9.52	9.52	12.7	12.7
	Max pipe length/height	m	15/10	15/10	25/15	25/15
	Max pipe length without additional charge	m	7	7	10	7
	Additional charge	g/m	20	20	20	20

Rating Conditions: Cooling Indoor 27°C DB / 19°C WB. Cooling Outdoor 35°C DB / 24°C WB. Heating Indoor 20°C DB. Heating Outdoor 7°C DB / 6°C WB. (DB: Dry Bulb, WB: Wet Bulb)
For detailed information about ErP, please visit our page <http://www.haier.com/ecodesign>.

Quiet work

Heiko air conditioners work in a special silence mode, which makes their presence almost unnoticeable. An innovative technology allows reducing the noise level to 20 db. That is why Heiko air conditioners are one of the quietest on the market.

Lower energy consumption

By choosing Heiko air conditioners with energy-efficiency class of A++/A+, you select modern energy-saving solutions, considerably reducing energy consumption. Thanks to this, you pay for electricity less. Heiko brand is a number of proecological solutions aimed at increasing efficiency of equipment, at the same time decreasing a negative influence on the environment.

Quick and easy installation

Heiko devices are characterised by simple installation. Therefore, you save even 40 minutes during installation. Thanks to easier access to pipes and pipelines, possibility of left-hand or right-hand installation as well as increase of installation space.

Refrigerant R32

Refrigerant R32 brings a number of benefits both for users and the environment. It is more energy-efficient in comparison with popular R-410A and is characterised by lower potential of generating a greenhouse effect.

SMART air flow

Thanks to the use of modern techniques, Heiko air conditioners allow you to control the air flow. An air stream is directed up while cooling and down while heating, which allows you to distribute airflow evenly, thus avoiding direct blow onto people.