

Console Inverter

MIHP 09 to 18 A

A complete range from 2.6 kW to 5.0 kW



Features

- Modern stylish design
- Slinger ring condensate water removal in cooling mode
- Heat pump with auxiliary electric heating
- Automatic restart
- High efficient reliable compressor
- Convenient filter cleaning



Controller

- Electronic control
- Stylish Design
- 3 operation modes (Cool/Heat/Fan)
- 3 speeds fan control
- Fault code indication

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Technical features

Set reference		MIHP				
Model name	Sizes	MIHP09A	MIHP13A	MIHP15A	MIHP18A	
Power Supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	
Cooling	Capacity	Btu/h	9000	13000	15000	17500
	Capacity	W	2640	3800	4400	5130
	Input	W	960	1700	1950	2500
	Rated current	A	4.2	7.4	8.5	10.9
	EER	Btu/h-W	9.38	7.65	7.69	7.00
	EER	W/W	2.75	2.24	2.25	2.05
Heating	Capacity	Btu/h	9725	12000	12000	16000
	Capacity	W	2850	3500	3500	4690
	Input	W	970	1240	1240	1400
	Rated current	A	4.2	5.4	5.4	6.08
	COP	Btu/h-W	10.03	9.68	9.68	11.43
	COP	W/W	2.94	2.82	2.82	3.35
Heating (Electric)	Capacity	Btu/h	10235	10235	10235	10235
	Capacity	W	3000	3000	3000	3000
	Input	W	3000	3000	3000	3000
	Rated current	A	13.04	13.04	13.04	13.04
Moisture Removal	l/h	0.47	2.34	3.3	3.6	
Max. input consumption	W	1500	2000	2010	2330	
Max. current	A	6.52	6.52	6.52	6.52	
Operation Control		Electronic				
Indoor coil	Fin material	Hydrophilic Aluminium				
	Tube outside diameter	mm	Ø7			
	Tube material	Inner Grooved Tube				
	Coil width x height x depth	mm	630x231x40.11	630x231x40.11	630x231x40.11	723x230x40.11
Indoor fan motor	Input	W	135	135	135	100
	Speed (Hi/Mid/Lo)	rpm	1255/1134/857	1280/1190/915	1280/1190/915	1180/1050/860
Indoor air flow (Hi/Me/Lo)	m3/h	775/690/550	870/800/680	870/800/680	860/750/600	
Indoor noise level (Hi/Me/Lo)	dB(A)	52.6/51.2/50.8	54.3/53.8/53.3	62.3/59.6/58.3	62.3/59.6/58.3	
Outdoor coil	Fin material	Hydrophilic Aluminium				
	Tube outside diameter	mm	Ø7			
	Tube material	Inner Grooved Tube				
	Coil width x height x depth	mm	490x370x40.11	490x370x69.28	490x370x69.28	490x370x69.28
Compressor	Type	Rotary				
	Capacity	Btu/h	9963±5%	13989.2±5%	13989.2±5%	15763.4±5%
	Input	W	905	1245	1245	1420
	Rated current(RLA)	A	5.0	8.4	8.4	4.9
	Refrigerant oil	ml	270	350	350	350
Outdoor fan motor	Input	W	132	132	132	132
	Speed	rpm	1250	1250	1250	1250
Outdoor air flow	m3/h	700	700	700	800	
Outdoor noise level	dB(A)	72	72	72	72	
Dimension	Indoor (WxHxD)	mm	900x530x220	900x530x220	900x530x220	1090x530x220
	Outdoor (WxHxD)	mm	725x385x310	725x385x310	725x385x310	745x385x310
	Packing (WxHxD)	mm	973x567x600	973x567x600	973x567x600	1165x567x600
Weight	Net / Gross	kg	56/63	57/64	57/64	64/73
	Refrigerant	Type / Charge	g	R-410A/750	R-410A/1030	R-410A/1030
Operation temperature range	°C	16-32	16-32	16-32	16-32	
Ambient temperature range	°C	-7-43	-7-43	-7-43	-7-43	
Application area	m2	18-24	20-30	35-50	40-56	
Qty' per 20' & 40' & 40HQ	Set	84/172/172	84/172/172	84/172/172	72/156/156	

Nominal cooling capacity based on : - Indoor Air Temp. 27°C DB / 19°C WB - Outdoor Air Temp. 35°C DB
 Nominal heating capacity based on : - Indoor Air Temp. 21°C DB - Outdoor Air Temp. 7°C DB/6°C WB