

MUPIR-H9 Series INVERTER HEAT PUMP



TECHNICAL SPECIFICATIONS

Model				MUPIR-11-H9	MUPIR-17-H9	MUPIR-21-H9
Code				CL 25 560	CL 25 561	CL 25 563
EAN				8432953052096	8432953052102	8432953046101
Heating	Air 26 °C / Water 26 °C / Humidity 80%	Capacity (min. - max.)	kW	2.70 ~ 10.90	4.30 ~ 17.40	4.8 ~ 21.1
		Consumption (min. - max.)	kW	0.18 ~ 1.74	0.29 ~ 2.85	0.33 ~ 3.38
		COP (max. - min.)	kW	14.8 ~ 6.27	14.50 ~ 6.00	14.55 ~ 6.36
	Air 15 °C / Water 26 °C / Humidity 70%	Capacity (min. - max.)	kW	2.18 ~ 8.13	3.49 ~ 13.00	3.76 ~ 15.7
		Consumption (min. - max.)	kW	0.28 ~ 1.59	0.47 ~ 2.64	0.48 ~ 2.75
		COP (max. - min.)	kW	7.8 ~ 4.9	7.44 ~ 4.85	7.52 ~ 5.10
Cooling	Air 35 °C / Water 28 °C / Humidity 80%	Capacity (min. - max.)	kW	2.40 ~ 6.00	3.90 ~ 9.60	4.3 ~ 11.5
		Consumption (min. - max.)	kW	0.33 ~ 1.39	0.51 ~ 2.30	0.57 ~ 2.62
		EER (max. - min.)	kW	7.34 ~ 4.32	7.40 ~ 4.24	7.48 ~ 4.38
Sound pressure (1)	a 1m		dB (A)	38.3 ~ 48.1	41.5 ~ 52.5	42.3 ~ 53.1
	a 10m		dB (A)	20.6 ~ 28.2	23.0 ~ 31.8	23.6 ~ 32.2
Fan	Type			DC - Axial	DC - Axial	DC - Axial
	Air flow rate		m³/h	3,500 ~ 4,000	3,500 ~ 4,000	1,100 ~ 5,200
Compressor	Type		Inverter DC Twin Rotary			
	Brand			GMCC	GMCC	GMCC
	Model			KTN150D42UFZ	KTM240D57UMT	KTF310D43UMT
Refrigerant	Type			R32	R32	R32
	Load	kg		1.1	1.7	2.6
	GWP			675	675	675
	CO2 equivalent	Tons		0.7425	1.1475	1.755
Hydraulic data	Type of exchanger		Titanium with PVC case			
	Required water flow	m³/h		4 ~ 6	6 ~ 8	7 ~ 9
	Water pressure drop	kPa		18	19	27.0
	Hydraulic connections	mm (inch)		G1-1/2	G1-1/2	G1-1/2
Electrical Data	Power supply		V - Hz - Ph	220 - 240 V ~ 50 Hz, 1 Ph		
	Max. current		A	8.4	13.77	14.3
	Recommended electrical wiring		mm²	2 x 4 + T	2 x 4 + T	2 x 4 + T
Body	Material			ABS plastic	ABS plastic	ABS plastic
	Protection degree			IPX4	IPX4	IPX4
	Dimensions (W x H x D)	mm		986 x 668 x 356	986 x 668 x 356	1,076 x 720 x 426
	Weight	kg		44	56	67
Setpoint temperatures range	Heating		°C	15 ~ 40	15 ~ 40	15 ~ 40
	Cooling		°C	8 ~ 25	8 ~ 25	8 ~ 25
Operating temperature range			°C	-5 ~ 43	-5 ~ 43	-5 ~ 43
Recommended water volume for the pool (with thermal blanket) (2)			m³	25 ~ 50	35 ~ 70	40 ~ 80

Notes:

(1) The values of sound pressure match with those obtained in the semi-anechoic chamber.

(2) It is recommended to carry out a preliminary study to analyze if the heat pump is adequate.

Warning: - Data and specifications can be changed without previous notice.