

MI2-36GDN1/ MI2-45GDN1/ MI2-56GDN1

Table 1.1:MI2-36(45,56)GDN1 specifications

Model			MI2-36GDN1	MI2-45GDN1	MI2-56GDN1
Power supply			1 phase, 220-240V, 50Hz		
Cooling ¹	Capacity	kW	3.6	4.5	5.6
		kBtu/h	12.3	15.4	19.1
	Power input	W	30	40	45
Heating ²	Capacity	kW	4	5	6.3
		kBtu/h	13.6	17.1	21.5
	Power input	W	30	40	45
Fan motor	Model		ZKSP-58-8-1	ZKSP-58-8-1	ZKSP-58-8-1
	Type		DC		
Indoor coil	Number of rows		1	2	2
	Tube pitch × row pitch	mm	21×13.37		
	Fin spacing	mm	1.3		1.3
	Fin type		Hydrophilic aluminum		
	Tube OD and type	mm	Φ9.53 Inner-groove		
	Dimensions (L×H×W)	mm	701×315×13.37	701×315×26.74	701×315×26.74
	Number of circuits		3	5	5
Air flow rate ³		m ³ /h	656/628/591/573/544/515/488	594/563/535/507/478/450/424	747/713/685/648/613/578/547
Sound pressure level ⁴		dB(A)	33/32/32/31/31/30/30	35/34/33/33/32/31/31	38/37/36/36/35/34/34
Sound power level		dB(A)	48/47/47/46/46/45/45	50/49/48/48/47/46/46	53/52/51/51/50/49/49
Unit	Net dimensions ⁵ (W×H×D)	mm	990×315×223		
	Packed dimensions (W×H×D)	mm	1075×395×300		
	Net/Gross weight	kg	11.4/14.0	12.8/15.4	
Refrigerant type			R410A		
Throttle		Type	Electronic expansion valve		
Design pressure (H/L)		MPa	4.4/2.6		
Pipe	Liquid/Gas pipe	mm	Φ6.35/Φ12.7		Φ9.53/Φ15.9
connections	Drain pipe	mm	OD Φ16		

Notes:

1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
3. Fan motor speed and air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
4. Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured in a semi-anechoic chamber.
5. Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.