

SUBMITTAL DATA SHEET



BM12MCD	Duct Heat Pump Air Handlers
Location: _____	Approval: _____
Engineer: _____	Date: _____
Submitted to: _____	Construction: _____
Submitted by: _____	Unit #: _____
Reference: _____	Drawing #: _____

Indoor unit code 453077629

Indoor unit model BM12MCD

Certified UL



INDOOR UNIT DATA		
Power supply		
Normal Operational Voltage (V, Ph, Hz)		208/230, 1, 60
Voltage Range (V)		187-253
Indoor fan motor		
Type		Cross-Flow
Model		ZKFN-55-8-22-1
Qty		1
Input (W)		130.0
RLA (A)		-
LRA (A)		-
Winding Resistance (Ω)		-
Capacitor (uF)		-
Speed(Hi/Mi/Lo) (r/min)		1170/1030/850

INDOOR UNIT DATA		
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo) (CFM)		352.94/282.35/176.47
Indoor noise level (Hi/Med/Lo) [dB(A)]		40/31.5/26.5
Dehumidification (Pint/H)		---
Indoor unit		
Dimension (WxDxH) (inch)		27.56x19.92x7.87
		(mm) 700/506/200
Packing(WxDxH) (inch)		33.86x21.26x11.22
		(mm) 860/540/285
Net/Gross weight (lbs.)		39.24/48.5
		(kg) 17.7/21.9
Liquid side/ Gas side (inch)		1/4" / 1/2"
		(mm) 6.35/12.7
Application area (sq.ft)		172.22~247.57
		(m2) 16~23

Indoor unit dimension

Model (KBtu/h)	unit	A	B	C	D	E	F	G	H	I	J	K	L	M	H1	H2	W1	W2
9/12	mm	700	200	506	450	137	537	30	152	599	186	50	741	360	84	140	84	84
	inch	27.6	7.9	19.9	17.7	5.4	21.1	1.2	6.0	23.6	7.3	2.0	29.2	14.2	3.3	5.5	3.3	3.3
18	mm	880	210	674	600	140	706	50	136	782	190	40	920	508	78	148	88	112
	inch	34.6	8.3	26.5	23.6	5.5	27.8	2.0	5.4	30.8	7.5	1.6	36.2	20.0	3.1	5.8	3.5	4.4
24	mm	1100	249	774	700	140	926	50	175	1001	228	5	1140	598	80	150	130	155
	inch	43.3	9.8	30.5	27.6	5.5	36.5	2.0	6.9	39.4	9.0	0.2	44.9	23.5	3.1	5.9	5.1	6.1
36	mm	1360	249	774	700	140	1186	50	175	1261	228	5	1400	598	80	150	130	155
	inch	53.5	9.8	30.5	27.6	5.5	46.7	2.0	6.9	49.6	9.0	0.2	55.1	23.5	3.1	5.9	5.1	6.1
48	mm	1200	300	874	800	123	1044	50	227	1101	280	5	1240	697	80	150	185	210
	inch	47.2	11.8	34.4	31.5	4.8	41.1	2.0	8.9	43.3	11.0	0.2	48.8	27.4	3.1	5.9	7.3	8.3