

Duct Heat Pump System

Location: _____
 Engineer: _____
 Submitted to: _____
 Submitted by: _____
 Reference: _____

Approval: _____
 Date: _____
 Construction: _____
 Unit #: _____
 Drawing #: _____

Indoor unit code 22023011003874
 Model B-VMH09DU-1
 Indoor unit model MTIU-09HWFN1-M

Certified AHRI 
 UL 



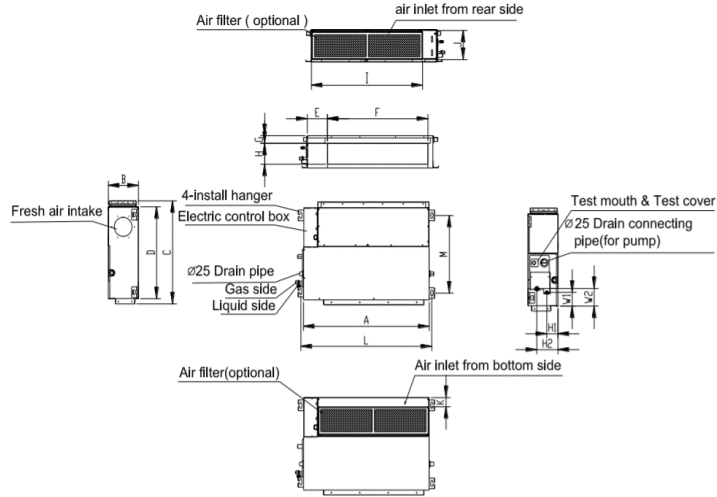
SYSTEM PERFORMANCE DATA

Power supply		
Normal Operational Voltage	(V, Ph, Hz)	208/230V, 1Ph, 60Hz
Voltage Range	(V)	187-253
Room temperature		
Indoor(cooling)	(Deg. °F)	62~90
	(Deg. °C)	17~32
Indoor(heating)	(Deg. °F)	32~86
	(Deg. °C)	0~30

INDOOR UNIT DATA

Indoor fan motor		
Model		ZKFN-55-8-22-1
Qty		1
Input	(W)	130.00
Output	(W)	55.0
RLA	(A)	0.9
Speed(Hi/Mi/Lo)	(r/min)	1170/1030/850
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo) (No duct)	(CFM)	352.94/282.35/176.47
Indoor noise level (Hi/Med/Lo)	[dB(A)]	33/30.5/27
Dehumidification	(L/H)	0.92
Indoor unit		
Dimension (WxDxH)	(inch)	27.56x19.92x7.87
	(mm)	700x506x200
Packing(WxDxH)	(inch)	33.86x21.26x11.22
	(mm)	860x540x285
Net/Gross weight	(lbs.)	39.02/48.28
	(kg)	17.7/21.9

Indoor unit dimension(internal pump)



Model (KBTuh)	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

Indoor unit dimension(external pump)

