

SUBMITTAL DATA SHEET



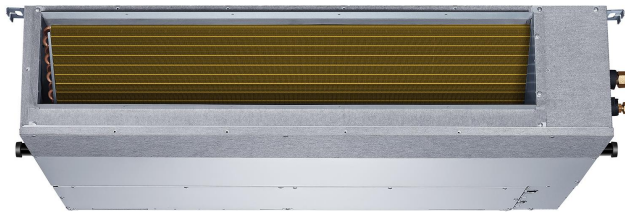
Series Name: **Multi Zone Indoor Unit Duct**

Model Number: **AH-24N1-M1**

Heat Pump System

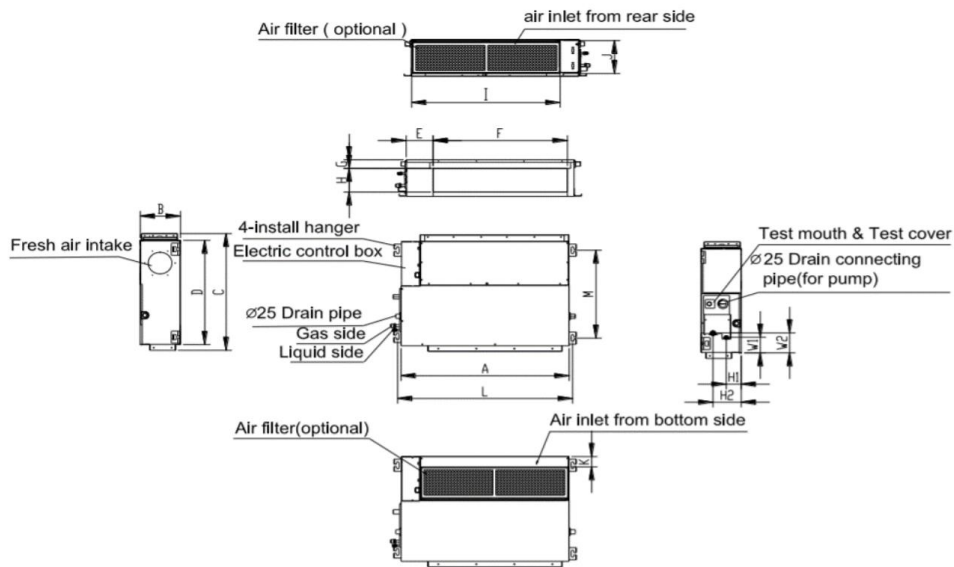
Location: _____
 Engineer: _____
 Submitted to: _____
 Submitted by: _____
 Reference: _____

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



Item	Unit	Specification
Performance Data		
Cooling Capacity	Btu/h	24000(6500~27800)
Heating Capacity	Btu/h	25000(12200~32200)
Design Pressure	PSIG	550/340
Refrigerant Type	-	R410A
Liquid Side	inch(mm)	3/8in (9.52mm)
Gas Side	inch(mm)	5/8in (15.9mm)
Indoor Operation Range of Cooling	Deg.°F (°C)	62°F~90°F (17°C~32°C)
Indoor Operation Range of Heating	Deg.°F (°C)	32°F~86°F (0°C~30°C)
Electrical		
Normal Operational Voltage	V, Ph, Hz	208/230V, 1Ph, 60Hz
Voltage Range	V	187-253
Connection Wiring	-	14*4 AWG
Indoor Fan Motor Model	-	ZKFN-160-8-1-2
Indoor Fan Motor Input	W	90
Indoor Fan Motor Output	W	160
Indoor Fan Motor RLA	A	1.5
Indoor Fan Motor Speed(Hi/Mi/Lo)	r/min	/
Air Flow & Noise Level		
Indoor Air Flow (H/M/L)	CFM	775/693/435
Indoor Noise Level (H/M/L)	dB(A)	44/40/36
Moisture Removal	L/H (pint/H)	1.59L/H (3.35pint/H)
Dimension (W×D×H)	inch	43-1/4 x 30-1/2 x 9-3/4
	mm	1100 x 774 x 249
Package (W×D×H)	inch	51-3/8 x 31-3/4 x 12-3/8
	mm	1305 x 805 x 315
Net Weight / Gross Weight	lbs	90/106
	kg	41/48

Indoor Unit Dimension (Internal Pump)



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