

R454b
Refrigerant

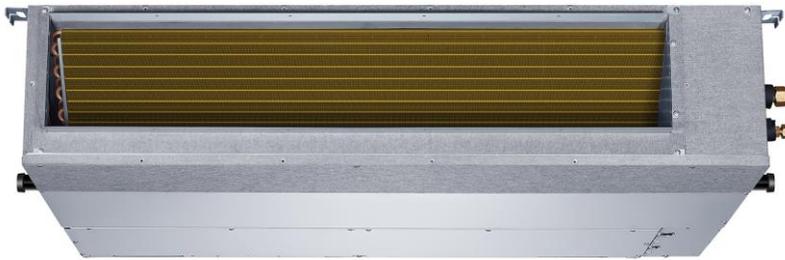
SUBMITTAL DATA SHEET



Series Name: Multi Zone Indoor Unit Duct
Model Number: MDLHU-H12B-2A

Heat Pump System

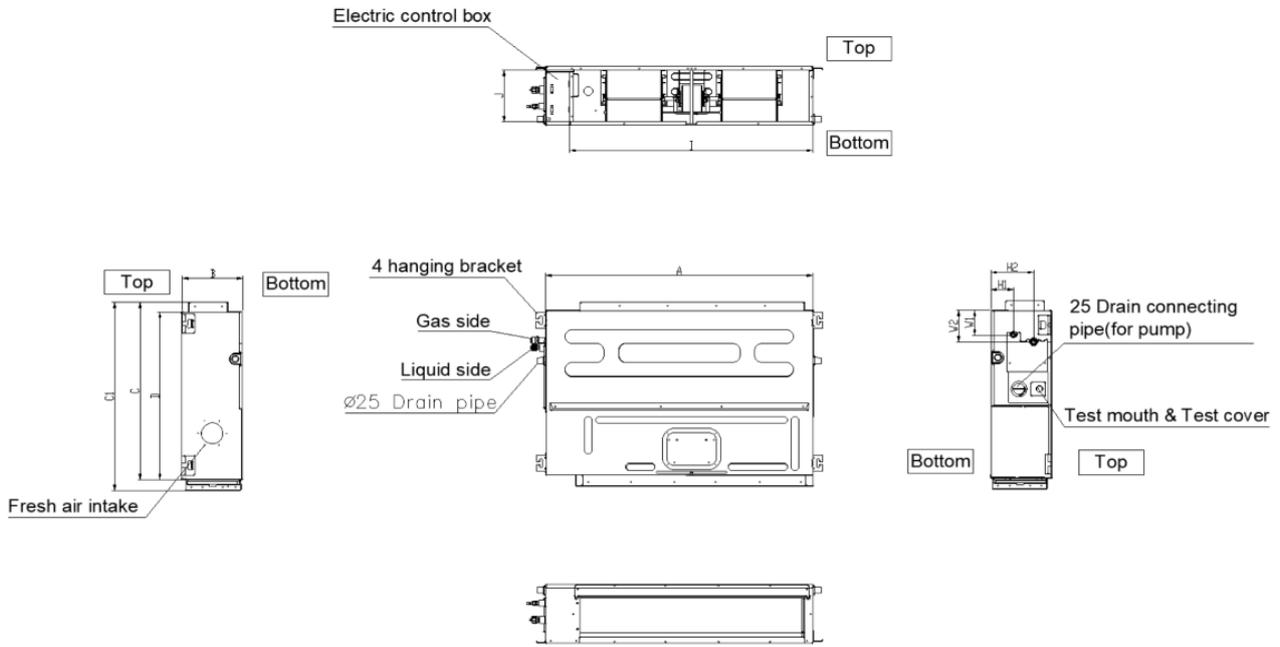
Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:



Item	Unit	Specification
Performance Data		
Cooling Capacity*	Btu/h	12,000
Heating Capacity*	Btu/h	12,500
Design Pressure	PSIG	550 / 340
Refrigerant Type	-	R454b
Liquid Side	inch(mm)	1/4" (6.35mm)
Gas Side	inch(mm)	3/8" (9.52mm)
Drain Pipe Size	inch(mm)	1" (25mm)
Indoor Operation Range of Cooling	Deg.°F (°C)	60°F~90°F (16°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	-	AWG 14/4
MCA	A	3.0
Indoor Fan Motor Model	-	ZKFN-55-8-22-1
Indoor Fan Motor Output	W	55
Indoor Fan Motor RLA	A	1.2
Indoor Fan Motor Speed(Hi/Mi/Lo)	r/min	1070 / 990 / 910
Air Flow & Noise Level		
Indoor Air Flow (H/M/L)	CFM	400 / 324 / 265 / 177 / 118
Indoor Noise Level (H/M/L)	dB(A)	36 / 36 / 35 / 33 / 26
Dimension (WxDxH)	inch	27-1/2 x 20 x 7-7/8
	mm	700 x 506 x 200
Package (WxDxH)	inch	33-7/8 x 21-1/4 x 11-1/4
	mm	860 x 540 x 285
Net Weight / Gross Weight	lbs	39 / 47
	kg	17.9 / 21.2

*Standard capacity of indoor unit is for reference, capacity varies based on Multi-zone system combinations.

Indoor Unit Dimension (Internal Pump)



Model(kBtu/h)	unit	A	B	C	C1	D
	6 -12	mm	700	200	470	506
in		27-1/2	7-7/8	18-1/2	20	17-3/4
18	mm	880	210	634	674	600
	in	34-5/8	8-1/4	25	26-1/2	23-5/8