

R454b
Refrigerant

SUBMITTAL DATA SHEET



Series Name: Multi Zone Indoor Unit Duct
Model Number: MDHUU-H18B-2A

Heat Pump System

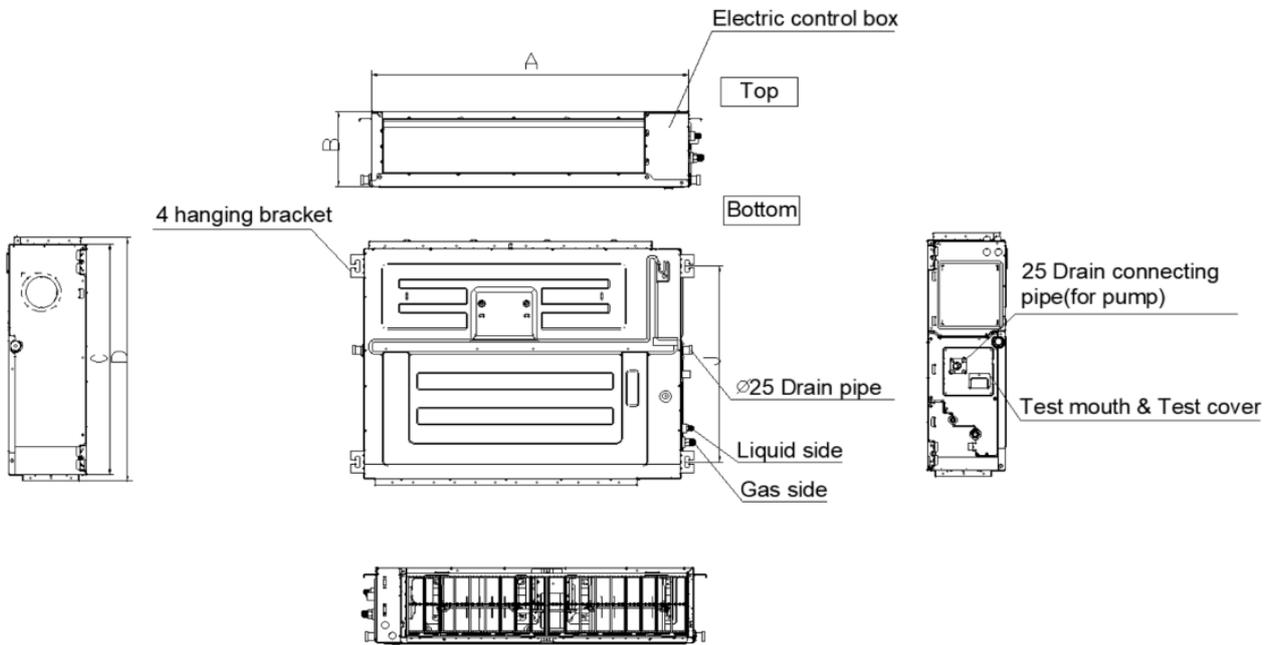
Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:



Item	Unit	Specification
Performance Data		
Cooling Capacity*	Btu/h	17,500
Heating Capacity*	Btu/h	19,500
Design Pressure	PSIG	550 / 340
Refrigerant Type	-	R454b
Liquid Side	inch(mm)	1/4" (6.35mm)
Gas Side	inch(mm)	1/2" (12.7mm)
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-165-10-1L
Indoor Fan Motor Output	W	165
Indoor Fan Motor RLA	A	1.8
Indoor Fan Motor Speed(Hi/Mi/Lo)	r/min	820 / 760 / 700
Air Flow & Noise Level		
Indoor Air Flow (H/M/L)	CFM	706 / 618 / 530 / 441 / 441
Indoor Noise Level (H/M/L)	dB(A)	36 / 36 / 34 / 32 / 28
Dimension (WxDxH)	inch	39-3/8 x 29-1/2 x 9-5/8
	mm	1000 x 750 x 245
Package (WxDxH)	inch	48-1/4 x 33-7/8 x 12
	mm	1225 x 860 x 304
Net Weight / Gross Weight	lbs	80 / 91
	kg	36.2 / 41.4

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

Indoor Unit Dimension



MODEL	inch(mm)			
	A	B	C	D
9~12K	27-1/2(700)	9-5/8(245)	29-1/2(750)	31-1/4(795)
18K~24K	39-3/8(1000)	9-5/8(245)	29-1/2(750)	31-1/4(795)
36K~48K	47-1/8(1200)	11-7/8(300)	29-1/2(750)	31-1/4(795)
60K	55-1/8(1400)	15(380)	31-1/2(800)	33-1/4(845)