

R454b
Refrigerant

SUBMITTAL DATA SHEET



Series Name: Multi Zone Indoor Unit One Way Cassette
Model Number: MCAHU-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	16,700
Heating Capacity*	Btu/h	20,000
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-30-8-43
Indoor Fan Motor Output	W	30
Indoor Fan Motor RLA	A	1.2
Indoor Fan Motor Speed(Hi/Mi/Lo)	r/min	1344 / 1184 / 1024
Air Flow & Noise Level		
Indoor Air Flow (H/M/L)	CFM	400 / 352 / 300 / 207 / 207
Indoor Noise Level (H/M/L)	dB(A)	44 / 44 / 41.5 / 31 / 26
Dimension (WxDxH)	inch	50-1/4 x 13-1/4 x 9
	mm	1278 x 335 x 228
Package (WxDxH)	inch	57-5/8 x 22-1/2 x 22-5/8
	mm	1463 x 571 x 575
Net Weight / Gross Weight	lbs	45 / 82
	kg	20.5 / 37.6

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

Indoor Unit Dimension

Unit: inch (mm)

