

**R454b**  
Refrigerant

**SUBMITTAL DATA SHEET**



Series Name: Multi Zone Indoor Unit One Way Cassette  
Model Number: MCAHU-H12B-2A

**Heat Pump System**

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



Item	Unit	Specification
<b>Performance Data</b>		
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)
<b>Electrical</b>		
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
Indoor Fan Motor Speed(Hi/Mi/Lo)	r/min	1075 / 982 / 797
<b>Air Flow &amp; Noise Level</b>		
Indoor Air Flow (H/M/L)	CFM	353 / 312 / 282 / 247 / 176
Indoor Noise Level (H/M/L)	dB(A)	41 / 41 / 37 / 33 / 24
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 / 37.4

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

Indoor Unit Dimension

Unit: inch (mm)

