

**R454b**  
Refrigerant

**SUBMITTAL DATA SHEET**



Series Name: Multi Zone Indoor Unit 4-Way Cassette  
Model Number: MCDHU-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	12,000
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-45-8-2
Indoor Fan Motor Output	W	45
Indoor Fan Motor RLA	A	0.9
Indoor Fan Motor Speed(Hi/Mi/Lo)	r/min	700 / 600 / 400
<b>Air Flow &amp; Noise Level</b>		
Indoor Air Flow (H/M/L)	CFM	418 / 365 / 306 / 194 / 147
Indoor Noise Level (H/M/L)	dB(A)	46 / 44 / 41 / 28 / 26
Dimension (WxDxH)	inch	22-1/2 x 22-1/2 x 9-5/8
	mm	570 x 570 x 245
Package (WxDxH)	inch	28-1/8 x 25-1/4 x 11-5/8
	mm	715 x 640 x 295
Net Weight / Gross Weight	lbs	35 / 42
	kg	16 / 19

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

Indoor Unit Dimension

Unit: inch (mm)

Liquid side Gas side

