

**R454b**  
Refrigerant

**SUBMITTAL DATA SHEET**



Series Name: Multi Zone Indoor Unit Wall Mounted  
Model Number: MSEHU-H12B-2A

**Heat Pump System**

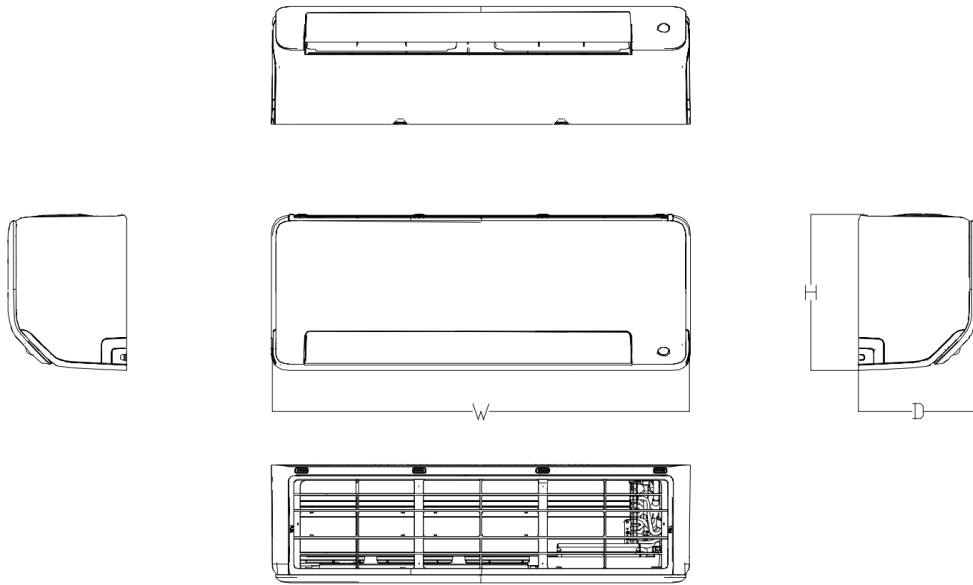
Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:



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)	5/8" (16mm)
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	-	ZKFP-20-8-6-21
Indoor Fan Motor Output	W	20
Indoor Fan Motor RLA	A	0.5
Indoor Fan Motor Speed(Hi/Mi/Lo)	r/min	1100 / 850 / 700
<b>Air Flow &amp; Noise Level</b>		
Indoor Air Flow (H/M/L)	CFM	441 / 324 / 230 / 177 / 147
Indoor Noise Level (H/M/L)	dB(A)	47 / 37 / 33 / 22 / 20
Dimension (WxDxH)	inch	31-3/8 x 8-7/8 x 11-5/8
	mm	795 x 225 x 295
Package (WxDxH)	inch	36-1/4 x 12-1/4 x 14-5/8
	mm	920 x 310 x 370
Net Weight / Gross Weight	lbs	23 / 30
	kg	10.4 / 13.3

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

### Indoor Unit Dimension



Capacity	Body Code	Unit	W	D	H
6k~12k	B	mm	795	225	295
		inch	31-3/8	8-7/8	11-5/8
12k~18k	C	mm	965	239	319
		inch	38	9-3/8	12-1/2
24k~36k	D	mm	1140	275	370
		inch	44-7/8	10-7/8	14-1/2

## **North American HVAC Products Ltd.**

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