

R454b
Refrigerant

SUBMITTAL DATA SHEET



Series Name: Multi Zone Indoor Unit 4-Way Cassette
Model Number: MCDHU-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 | 16,000 |
| Heating Capacity* | Btu/h | 19,000 |
| 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-45-8-2 |
| Indoor Fan Motor Output | W | 45 |
| Indoor Fan Motor RLA | A | 1 |
| Indoor Fan Motor Speed(Hi/Mi/Lo) | r/min | 800 / 750 / 700 |
| Air Flow & Noise Level | | |
| Indoor Air Flow (H/M/L) | CFM | 447 / 389 / 318 / 194 / 147 |
| Indoor Noise Level (H/M/L) | dB(A) | 48 / 45 / 41 / 28 / 24 |
| 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

