

R454b
Refrigerant

SUBMITTAL DATA SHEET



Series Name: Multi Zone Indoor Unit Duct
Model Number: MDHUU-H12B-2A

Heat Pump System

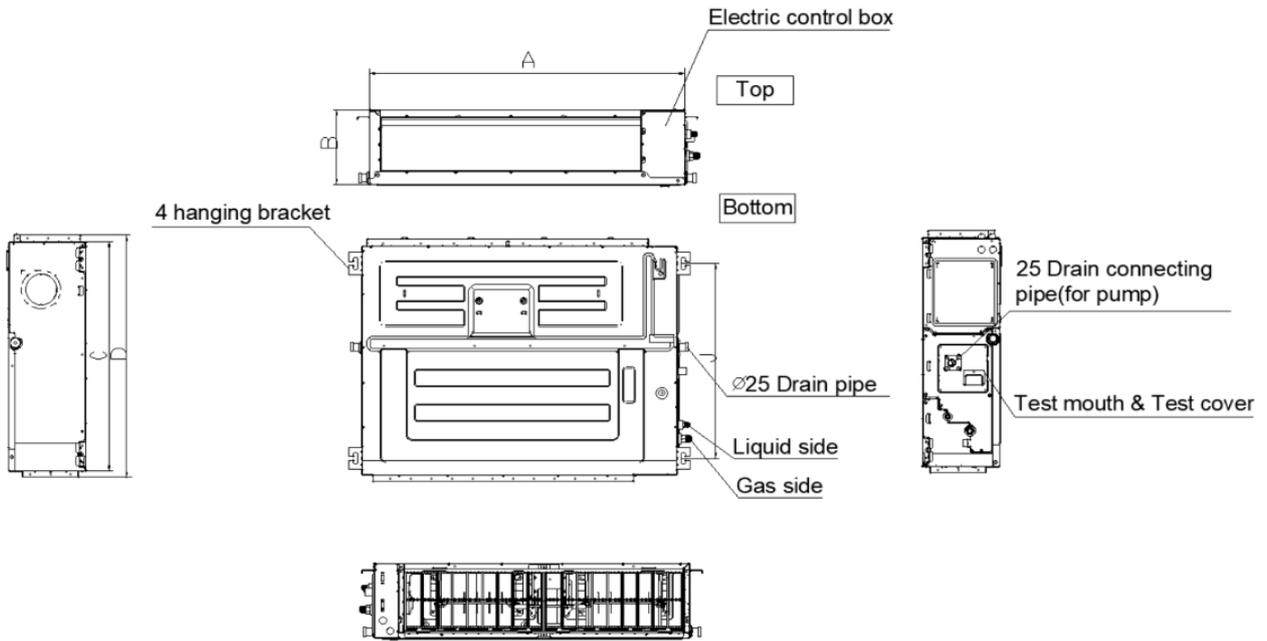
| | |
|---------------|---------------|
| Location: | Approval: |
| Engineer: | Date: |
| Submitted to: | Construction: |
| Submitted by: | Unit #: |
| Reference: | Drawing #: |



| Item | Unit | Specification |
|-----------------------------------|-------------|---------------------------------------|
| Performance Data | | |
| Cooling Capacity* | Btu/h | 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) |
| 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-165-10-1L |
| Indoor Fan Motor Output | W | 165 |
| Indoor Fan Motor RLA | A | 1.5 |
| Indoor Fan Motor Speed(Hi/Mi/Lo) | r/min | 780 / 744 / 708 |
| Air Flow & Noise Level | | |
| Indoor Air Flow (H/M/L) | CFM | 344.3 / 288.4 / 230.7 / 200.7 / 121.8 |
| Indoor Noise Level (H/M/L) | dB(A) | N/A/29.5/28.5/27.5/26.0 |
| Dimension (WxDxH) | inch | 27-1/2 x 29-1/2 x 9-5/8 |
| | mm | 700 x 750 x 245 |
| Package (WxDxH) | inch | 36-3/8 x 33-1/2 x 11-3/4 |
| | mm | 925 x 850 x 298 |
| Net Weight / Gross Weight | lbs | 64 / 74 |
| | kg | 29.1 / 33.5 |

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

Indoor Unit Dimension



| MODEL | inch (mm) | | | |
|---------|---------------|--------------|--------------|--------------|
| | A | B | C | D |
| 9~12K | 27-1/2 (700) | 9-5/8 (245) | 29-1/2 (750) | 31-1/4 (795) |
| 18K~24K | 39-3/8 (1000) | 9-5/8 (245) | 29-1/2 (750) | 31-1/4 (795) |
| 36K~48K | 47-1/8 (1200) | 11-7/8 (300) | 29-1/2 (750) | 31-1/4 (795) |
| 60K | 55-1/8 (1400) | 15 (380) | 31-1/2 (800) | 33-1/4 (845) |