

# R454b Refrigerant

# SUBMITTAL DATA SHEET



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

## Heat Pump System

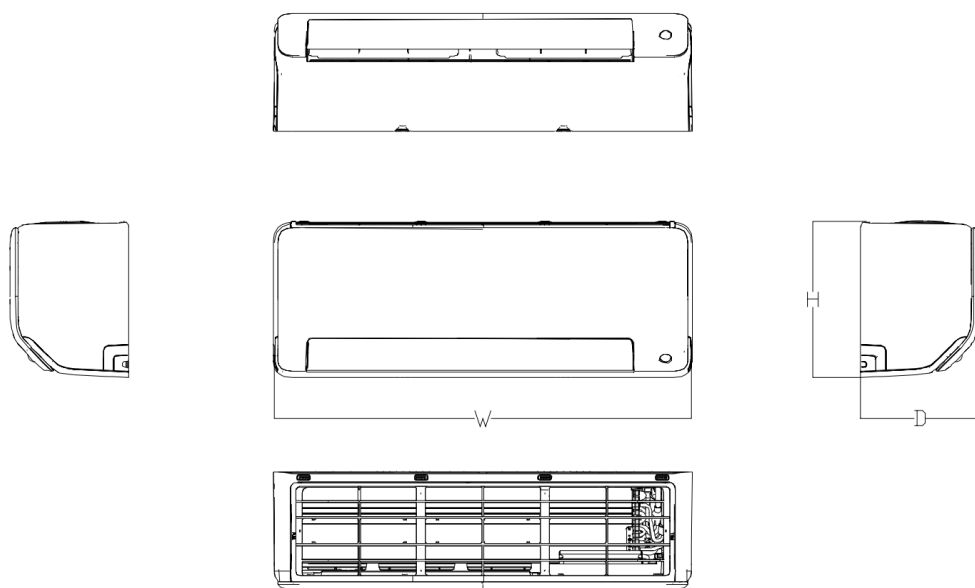
|               |               |
|---------------|---------------|
| Location:     | Approval:     |
| Engineer:     | Date:         |
| Submitted to: | Construction: |
| Submitted by: | Unit #:       |
| Reference:    | Drawing #:    |



| 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 (W×D×H)                 | inch        | 31-3/8 x 8-7/8 x 11-5/8     |
|                                   | mm          | 795 x 225 x 295             |
| Package (W×D×H)                   | 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 |