



# Submittal Data Sheet

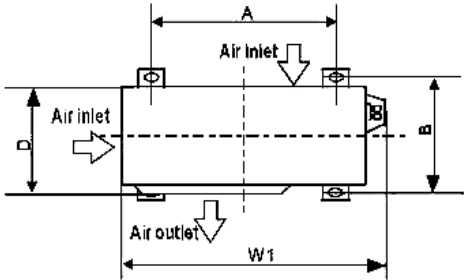
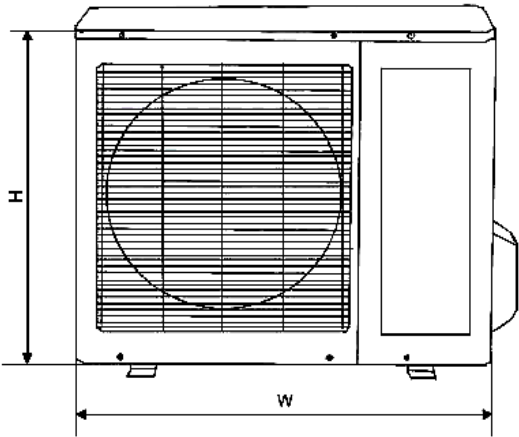


**MCHU-24AVH2 (MOG-24HFN1-MT0W)**

|                     |                 |                         |                     |             |
|---------------------|-----------------|-------------------------|---------------------|-------------|
| <b>Project Name</b> |                 | <b>Location</b>         |                     | <b>Date</b> |
| <b>Location</b>     |                 | <b>Approval Date</b>    |                     |             |
| <b>Engineer</b>     |                 | <b>Unit Designation</b> |                     |             |
| <b>Submitted To</b> |                 | <b>Drawing Number</b>   |                     |             |
| <b>Submitted By</b> |                 |                         |                     |             |
| <b>Reference</b>    | <b>Approval</b> | <b>Construction</b>     | <b>(Circle One)</b> |             |

| <b>Performance</b>               |  | <b>Specification</b>   |                    |
|----------------------------------|--|--|--------------------|
| <b>Outdoor Unit Model</b>        | <b>MCHU-24AVH2</b>                         | <b>Maximum Zones</b>   | <b>1</b>           |
| <b>Cooling Capacity (BTUH)</b>   | <b>23,000</b>                              | <b>Refrigerant</b>   | <b>R-410a</b>      |
| <b>Sensible Capacity (BTUH)</b>  | <b>17,940</b>                              | <b>Noise Level Cooling Outdoor (High) (Dba)</b>                        | <b>60</b>          |
| <b>SEER</b>                      | <b>19.0</b>                                | <b>Noise Level Heating Outdoor (High) (Dba)</b>                        | <b>60</b>          |
| <b>HSPF (BTUH/H/W)</b>           | <b>9.0</b>                                 | <b>Connection (Tubing)</b>   | <b>Flare</b>       |
| <b>EER</b>                       | <b>12.5</b>                                | <b>Connection Pipe size Supply/Return</b>                              | <b>3/8" , 5/8"</b> |
| <b>Heating Capacity (BTUH)</b>   | <b>24,000</b>                              | <b>Standard Tube Length (Feet)</b>                                     | <b>24.5</b>        |
| <b>Cooling Range (Ambient F)</b> | <b>5 - 122</b>                             | <b>Maximum Tube Length (Feet)</b>                                      | <b>164</b>         |
| <b>Heating Range (Ambient F)</b> | <b>5 - 86</b>                              | <b>Maximum Height Difference (Feet)</b>                                | <b>82</b>          |
|                                  |  | <b>Physical</b>  |                    |
| <b>Electrical</b>                |  | <b>Net Weight (Indoor/Outdoor) (LBS)</b>                               | <b>130</b>         |
| <b>Voltage/Phase/Cycle</b>       | <b>230/1/60</b>                            | <b>Height Condensing Unit (Inches)</b>                                 | <b>35.1</b>        |
| <b>Cable Indoor to outdoor</b>   | <b>14AWG/4 conductor Stranded Shielded</b> | <b>Depth Condensing Unit (Inches)</b>                                  | <b>12.9</b>        |
| <b>Minimum Circuit Ampacity</b>  | <b>15</b>                                  | <b>Length Condensing Unit (Inches)</b>                                 | <b>36.7</b>        |
| <b>Recommended Fuse Size</b>     | <b>25</b>                                  | <b>Refrigerant Charge (Ounces)</b>                                     | <b>85.7</b>        |
| <b>Current Rating Cooling</b>    |  | <b>Refrigerant Charge per additional tube Length (Ounces per foot)</b> | <b>.32</b>         |
| <b>Current Rating Heating</b>    |  | <b>Energy Star</b>   | <b>Yes</b>         |
| <b>Cooling Input Power (W)</b>   |  | <b>AHRI Number</b>   | <b>5886912</b>     |
| <b>Heating Input Power (W)</b>   |  | <b>Matching Indoor Model</b>   | <b>MEHU-24AVH2</b> |

OUTDOOR UNIT



| Model       | W (inch) | H (inch) | D (inch) | W1 (inch) | A (inch) | B (inch) |
|-------------|----------|----------|----------|-----------|----------|----------|
| MCHU-24AVH2 | 35.43    | 12.40    | 33.86    | 38.58     | 23.23    | 13.11    |