



# SUBMITTAL MH050FXCA2A

Dual Zone Outdoor

|                  |  |
|------------------|--|
| Job Name         | Location   |
| Purchaser        | Engineer   |
| Submitted to     | Reference <input type="checkbox"/> Approval <input type="checkbox"/> Construction <input type="checkbox"/> |
| Unit Designation | Schedule #   |

| Specifications                 |                      |
|--------------------------------|----------------------|
| <b>General</b>                 |                      |
| Max Connected Capacity (Btu/h) | 24,000               |
| SEER                           | Dependant on Indoor  |
| Min Cooling Capacity (Btu/h)   | 6000.0               |
| HSPF                           | Dependant on Indoor  |
| Heating COP                    | Dependant on Indoor  |
| Min Heating Capacity (Btu/h)   | 7,200                |
| Refrigerant Type               | R410A                |
| De-Hum (Pints/Hr)              | N/A                  |
| Power Voltage                  | 208/230V-1Ph-60Hz    |
| Breaker Size                   | 25A                  |
| RLA Cooling/Heating (Amps)     | 8.6/9.0A             |
| Controls                       | DDC                  |
| <b>Outdoor Unit</b>            |                      |
|                                | <b>MH050FXCA2A</b>   |
| Outdoor Noise Level (Db)       | 50/51                |
| Width (Inches)                 | 34 5/8"              |
| Height (Inches)                | 25 1/8"              |
| Total Depth (Inches)           | 12 1/4"              |
| Weight (lbs)                   | 131                  |
| <b>Line Sets</b>               |                      |
| Size                           | 1/4" & 3/8" x 2      |
| Max Line Set Length inc        | 100ft                |
| Max Vertical Separation of     | 50ft                 |
| Max Individual line set length | 75ft                 |
| Charged with R410A for         | 25ft                 |
| Addl R410A charge required     | 0.2oz/ft over 25ft   |
| <b>Certifications</b>          |                      |
| Safety                         | UL & ULc             |
| Performance                    | ARI Certified        |
| ARI Certification Reference #  | TBA                  |
| <b>Warranty</b>                |                      |
|                                | 5 Years Compressor   |
|                                | 3 Years Parts        |
|                                | 120 Days ltd labor   |
| <b>Options</b>                 |                      |
|                                | 25 or 50ft Line Sets |
|                                | Condenser Brackets   |



### Construction

Outdoor unit shall be galvanized steel with a baked on powder coated finish for durability

### Heat Exchangers

The heat exchangers shall be mechanically bonded fin to copper tube.

### Refrigerant System

Compressor shall be a single hermetically sealed DC Inverter drive rotary type  
 Refrigerant shall be R410A.  
 Refrigerant flow to each Indoor unit shall be controlled by Electronic Expansion Valve. Maximum of 2 Indoor units can be connected to this unit

### Rated Matches

Unit can be matched as follows  
 2 x MH026 units either Neo Forte or Slim Duct  
 1 x MH026 + 1 x MH035, either neo Forte or Slim Duct  
 2 x MH035 units either Neo Forte or Slim Duct  
 Using a single Indoor unit is not allowed

### Outdoor Fan

The outdoor unit fan shall be a propeller type driven by a single BLDC fan motor for optimum efficiency and accurate head pressure control

### Controls

Control signal shall be a DDC type signal  
 Controls shall integrate with a BMS system  
 Control wiring shall require 16AWG shielded wire  
 Unit operating range shall be  
 Cooling 23 DegF to 115 DegF  
 Heating 5 DegF to 75 DegF

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