

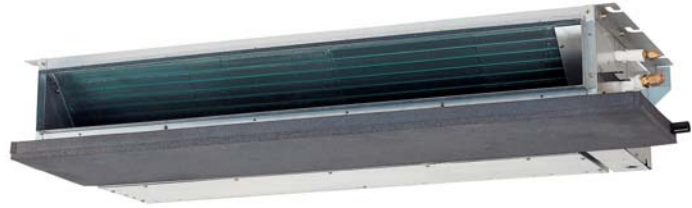


SUBMITTAL MH035FECA

FJM 12,000 Btu/h Slim Duct

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

| Specifications | Slim Duct |
|-------------------------------|----------------------------------|
| General | |
| Nom Cooling Capacity (Btu/h) | 12,000 |
| SEER | Up to 16.0 Dependant on Match |
| Nom Heating Capacity (Btu/h) | 13,000 |
| HSPF | Up to 8.0 Dependant on Match |
| Heating COP | Dependant on Match |
| Refrigerant Type | R410A |
| De-Hum (Pints/Hr) | 7.6 |
| Power Voltage | 208/230V-1Ph-60Hz |
| Breaker Size | See Outdoor unit |
| RLA Cooling/Heating (Amps) | 0.35A (Indoor Only) |
| Controls | Wired |
| Indoor Unit | |
| MH035FECA | |
| Airflows H-M-L (CFM) | 400/335/320 |
| Max External Static ("WC) | 0.125" |
| Noise Level High/Low (Db) | 32/27 |
| Width (Inches) | 35 7/16" |
| Height (Inches) | 7 13/16" |
| Total Depth (Inches) | 23 5/8" |
| Weight (lbs) | 57 |
| Supply Duct Connection (") | 6" x 33 3/4" |
| Line Sets | |
| Size | 1/4" & 3/8" |
| Max Line Set Length inc | 75 ft |
| Max Vertical Separation of | 50ft |
| Charged with R410A for | N/A |
| Addl R410A charge required | N/A |
| Certifications | |
| Safety | UL & Ulc |
| Performance | ARI Certified |
| ARI Certification Reference # | Dependant on Match |
| Warranty | |
| | 5 Years Compressor |
| | 3 Years Parts |
| | 120 Days ltd labor |
| Options | |
| | 25 or 50ft Line Sets |
| | Condensate Pumps |
| | Condenser Brackets |



Construction

Indoor Unit shall be made from galvanized steel with a rear air return and front supply duct flange
Control panel shall be located on the RHS

Heat Exchangers

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

Refrigerant System

Connected in a multiple of 2, 3 or 4 Indoor units to either a MH050 or 080 FJM Outdoor unit
Refrigerant shall be R410A.
Refrigerant flow shall be controlled by Electronic Expansion Valve located in the Outdoor unit

Indoor Fan

fans shall be dual backward curved centrifugal type capable of operating against a maximum external static pressure of 0.125" WC
A single Indoor fan motor shall be used

Controls

The unit shall be operated via a wired remote
Wireless remote is available as an option
Control signal shall be a DDC type signal
Control wiring shall require 16AWG shielded wire
Unit operating range shall be
Cooling 14 DegF to 115 DegF
Heating 5 DegF to 70 DegF

Air Filtration

As standard the unit is not provided with Air filtration
Field supplied air filtration can be added, however filter pressure drop must be included in ductwork static calculations

Quietside

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Due to Samsung's policy of on-going product development specifications are subject to change without notice

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