

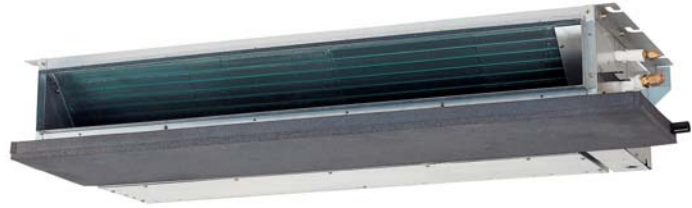


SUBMITTAL MH052FECA

FJM 18,000 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)	18,000
SEER	Up to 16.0 Dependant on Match
Nom Heating Capacity (Btu/h)	19,000
HSPF	Up to 8.0 Dependant on Match
Heating COP	Dependant on Match
Refrigerant Type	R410A
De-Hum (Pints/Hr)	10.2
Power Voltage	208/230V-1Ph-60Hz
Breaker Size	See Outdoor unit
RLA Cooling/Heating (Amps)	0.69A (Indoor only)
Controls	Wired
Indoor Unit	
MH052FECA	
Airflows H-M-L (CFM)	530-440-390
Max External Static ("WC)	0.16"
Noise Level High/Low (Db)	33/30
Width (Inches)	43 5/16"
Height (Inches)	7 13/16"
Total Depth (Inches)	23 5/8"
Weight (lbs)	68
Supply Duct Connection (")	7 13/16" x 31 1/2"
Line Sets	
Size	1/4" & 1/2"
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 0.16" 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

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

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