



SUBMITTAL MH080FXCA4A

Quad 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	
General	
Max Connected Capacity (Btu/h)	36,000
SEER	Dependant on Indoor
Min Cooling Capacity (Btu/h)	6,500 to 31,700
HSPF	Dependant on Indoor
Heating COP	Dependant on Indoor
Min Heating Capacity (Btu/h)	8500.0
Refrigerant Type	R410A
De-Hum (Pints/Hr)	N/A
Power Voltage	208/230v-1Ph-60Hz
Breaker Size	25A
RLA Cooling/Heating (Amps)	12.3/12.6A
Control Voltage	DDC
Outdoor Unit	
MH080FXCA4A	
Outdoor Noise Level (Db)	55/55
Width (Inches)	34 5/8"
Height (Inches)	31 3/8"
Total Depth (Inches)	12 1/4"
Weight (lbs)	156
Line Sets	
Connection Sizes	1/4" x 3/8" x 2
	1/4" x 1/2" x 2
Max Line Set Length inc	225ft
Max Vertical Separation of	98ft
Max Individual line set length	75ft
Charged with R410A for	25ft
Addl R410A charge 3/8" line	0.2oz/ft over 25ft
Addl R410A charge 1/2" line	0.3 oz/ft of 25ft
Certifications	
Safety	UL & Ulc
Performance	ARI Certified
ARI Certification Reference #	TBA
Warranty	
	5 Years Compressor
	3 Years Parts
	120 Days ltd labor
Options	
	25 or 50ft Line Sets
	Condenser Brackets



Construction

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

Heat Exchanger

The heat exchanger 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 4 Indoor units can be connected to this unit

Rated Matches

- 1 x MH026 + 1 x MH052, either Neo Forte or Slim Duct
- 2 x MH052, either Neo Forte or Slim Duct
- 3 x MH026, either Neo Forte or Slim Duct
- 2 x MH026 + 1 x MH035, either Neo Forte or Slim Duct
- 2 x MH026 + 1 x MH052, either Neo Forte or Slim Duct
- 2 x MH035 + 1 x MH026, either Neo Forte or Slim Duct
- 3 x MH035, either Neo Forte or Slim Duct
- 4 x MH026, either Neo Forte or Slim Duct

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
Operation range : Cooling 23 DegF to 115 DegF
Operation range : Heating 5 DegF to 75 DegF

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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