



DESIGNED TO LEAD

Santa-Fe III Series

13 Seer Air Handlers Heating Only – Cooling Only

ALL SEASON COMFORT FEATURES...

- Quality Construction
- Quiet Operation
- Dependable Performance

AND WHEN MATCHED WITH OUR BRAND NAME BOILERS AND MEGA-STOR INDIRECT WATER HEATERS YOU WILL ENJOY...

- Warm Comfortable Air (Warmer Than Most Furnaces)
- An Almost Endless Supply of Domestic Hot Water
- The Ability To Convert From Electric To Gas Or Oil Heat

STANDARD EQUIPMENT

Heat Only – Hydronic Air Handler

Multi-Position Cabinet

- Upflow, Downflow or Horizontal Left/Right Without Modification
- Galvanized Exterior Panels With Durable Powder-Coated Finish
- Fully Insulated Cabinet With No Exposed Fiberglass

Wiring

- 120 Volt Operation
- 24 Volt Control Transformer
- Freezestat
- 2 Speed Direct Drive Blower Motor
- Entering Water Aquastat

Heating Coils

- Heavy Copper Tube Coil with Bonded Aluminum Fins
- Swaged Coil Connections Exterior to Cabinet
- Schrader Valves to Bleed Air from Coil
- Corrosion Resistant Aluminum End Plates
- Capacities from 54,500 - 97,000 BTUH

Other Features

- Zero Clearance to Combustibles
- ETL Approved
- Limited 5 Year Warranty

Cooling Unit



Heating Unit

STANDARD EQUIPMENT

13 SEER Cooling Only – Air Handler

Multi-Position Cabinet

- Vertical or Horizontal Left/Right
- Galvanized Exterior Panels with Durable Powder-Coated Finish

Wiring

- 120 Volt Operation
- 24 Volt Control Transformer
- Two-Speed Direct Drive Blower Motor
- Time Delay Relay

A Style 13 SEER Evaporator Coil

- Multi-Position – Vertical or Horizontal Left/Right
- Rifled Copper Tubing Pressure Tested to 450 psi
- Factory Installed TXV
- Thermal Expansion Valve (TXV)
- Sturdy Polycarbonate Drain Pans
- Capacities from 1.5 to 5.0 Tons AC

Other Features

- Zero Clearance to Combustibles
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DIMENSIONS - Heating Only Unit

Model Number	Height	Width	Depth	Supply Air Connection		Return Air Connection		Weight
				Width	Depth	Width	Depth	
MWFM-2D	27.00	21.00	21.25	19.50	19.25	19.50	19.50	65
MWFM-3D	27.00	21.00	21.25	19.50	19.25	19.50	19.50	73
MWFM-4D	27.00	21.00	21.25	19.50	19.25	19.50	19.50	85
MWFM-5D	27.00	21.00	21.25	19.50	19.25	19.50	19.50	90

HEATING CAPACITY - Heating Only Unit

Model Number	Heating Nominal SCFM	Unit Heating BTUH Capacities @ 20" External Static Pressure (1) and Incoming Water Temperatures Of					
		120°F	140°F	160°F	180°F	190°F	GPM
MWFM-2D	800	25,499	33,924	42,414	50,944	54,550	3.5
MWFM-3D	1200	31,028	41,038	51,140	60,303	65,450	3.5
MWFM-4D	1600	39,379	48,780	61,249	73,763	77,451	7
MWFM-5D	1800	45,589	61,147	76,792	92,496	97,121	7

1. Ratings are based on 65°F entering air temperature @ the return opening.

DIMENSIONS - Cooling Only Unit

Model Number	Tons AC	Height	Width	Depth	Supply Air Connection		Return Air Connection		Weight
					Width	Depth	Width	Depth	
SS18CO	1.5	45.00	19.75	21.50	18.25	15.00	15.875	17.625	99
SS24CO	2.0	45.00	19.75	21.50	18.25	15.00	15.875	17.625	99
SS30CO	2.5	45.00	19.75	21.50	18.25	15.00	15.875	17.625	109
SS36CO	3.0	45.00	19.75	21.50	18.25	15.00	15.875	17.625	114
SB42CO	3.5	51.00	23.00	22.50	21.75	15.50	18.75	19.50	151
SB48CO	4.0	51.00	23.00	22.50	21.75	15.50	18.75	19.50	151
SB60CO	5.0	51.00	23.00	22.50	21.75	15.50	18.75	19.50	160

COOLING CAPACITY - Cooling Only Unit

Model Number	Tons AC	Motor @ 115V IPH / 60 HZ		DD Blower Wheel	Two Speed Motor	SCFM vs External Static Pressure (2,3)				
		HP	FLA			0.1	0.2	0.3	0.4	0.5
SS24CO	2.0	1/4	4.0	10 x 6	H	960	935	895	840	780
SS30CO	2.5	1/3	4.3	10 x 8	L	1450	1410	1370	1290	1200
SS36CO	3.0	1/2	7.5	10 x 8	H	1450	1410	1370	1290	1200
SB42CO	3.5	3/4	8.4	10 x 8	H	1700	1655	1560	1500	1400
SB48CO	4.0	3/4	8.4	11 x 8	H	1700	1655	1560	1500	1400
SB60CO	5.0	3/4	8.4	11 x 9	H	2180	2090	2000	1920	1850

2. Ratings are based on units with a nominal tonnage dry coil.

3. The SCFM correction factor for a wet coil is approximately .96.

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