

CROWN Boiler Co.

Santa-Fe II Series

**Hydronic Air Handlers
with 13 Seer Cooling**

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 - 13 SEER HYDRONIC AIR HANDLER

Multi-Position Cabinet

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

Wiring

- Taco HAFC201 Control Interface
 - ✓ Features 1, 3 or 4 minute blower on delay - heating mode
 - ✓ Contacts for Optional Aquastat - heating mode
 - ✓ Contacts for Standard Freezestat - heating mode
 - ✓ Dry contacts for boiler operation
 - ✓ Dry contacts for circulator operation
 - ✓ Two selectable circulator exercise timings
 - ✓ Low voltage thermostat contacts
 - ✓ Blower speed selection between heating and cooling modes
 - ✓ Outdoor condenser signal contact
 - ✓ Diagnostic lamps serve to indicate functionality
- 120 Volt Operation
- 24 Volt Control Transformer



- Freezestat
- 2 Speed Direct Drive Blower Motor
- Time Delay Relay for Cooling Mode

A Style 13 SEER Evaporator Coil

- Multi-Position - Vertical or Horizontal Left/Right
- Factory Installed TXV
- Sturdy Polycarbonate Drain Pans
- Capacities from 1.5 to 5.0 Tons AC

3 Row Heating Coils

- Swaged Coil Connections
- Schrader Valves to Bleed Air From Coil
- Capacities from 52-105MBTUH

Other Features

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



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DIMENSIONS

Heating & Cooling Unit

Model Number	Tons AC	Height	Width	Depth	Supply Air Connection		Return Air Connection		Weight
					Width	Depth	Width	Depth	
MSLW-18	1.5	45.00	19.75	21.50	18.25	15.00	15.875	17.625	130
MSLW-24	2.0	45.00	19.75	21.50	18.25	15.00	15.875	17.625	130
MSLW-30	2.5	45.00	19.75	21.50	18.25	15.00	15.875	17.625	132
MSLW-36	3.0	45.00	19.75	21.50	18.25	15.00	15.875	17.625	140
MBLW-42	3.5	51.00	23.00	22.50	21.75	15.50	18.75	19.50	168
MBLW-48	4.0	51.00	23.00	22.50	21.75	15.50	18.75	19.50	168
MBLW-60	5.0	51.00	23.00	22.50	21.75	15.50	18.75	19.50	175

HEATING CAPACITY

Heating & Cooling Unit

Model Number	Heating Nominal SCFM	Unit Heating BTUH Capacities @ .20" External Static Pressure (1)						Pressure Drop FT of Water
		And Incoming Water Temperatures Of						
		120°F	140°F	160°F	180°F	190°F	GPM	
MSLW-18	600	21,960	29,273	36,633	44,023	47,700	3.5	1.4
MSLW-24	800	25,499	33,924	42,414	50,944	54,550	3.5	1.4
MSLW-30	1000	28,064	37,367	46,748	59,181	60,100	3.5	1.4
MSLW-36	1200	31,028	41,038	51,140	60,303	65,450	3.5	1.4
MBLW-42	1400	37,240	49,200	61,257	73,378	79,500	3.5	1.7
MBLW-48	1600	45,474	60,976	76,561	92,204	99,750	7	1.7
MBLW-60	1800	47,765	64,066	80,460	96,917	104,950	7	1.7

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

COOLING CAPACITY

Heating & Cooling Unit

Model Number	Tons AC	Motor @ 115V 1PH / 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
MSLW-18	1.5	1/4	4.0	10 X 6	L	775	720	690	600	600
MSLW-24	2.0	1/4	4.0	10 X 6	H	824	780	750	665	625
MSLW-30	2.5	1/3	4.3	10 X 8	L	1252	1190	1092	1026	1000
MSLW-36	3.0	1/2	7.5	10 X 8	H	1304	1255	1197	1081	1050
MBLW-42	3.5	3/4	8.4	10 X 8	H	1655	1560	1510	1355	1300
MBLW-48	4.0	3/4	8.4	11 X 8	H	1700	1655	1600	1450	1400
MBLW-60	5.0	3/4	8.4	11 X 9	H	1850	1800	1755	1630	1600

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

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