



DESIGNED TO LEAD

# Santa-Fe III 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 - Water Coil
- 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
- Thermal Expansion Value (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 56-113MBTUH

### Other Features

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



DESIGNED TO LEAD



# Santa-Fe III Series

Hydronic Air Handlers  
with 13 Seer Cooling

## DIMENSIONS - Heating & Cooling Unit

Model Number	Tons AC	Height	Width	Depth	Supply Air Connection		Return Air Connection		Weight
					Width	Depth	Width	Depth	
SS18HC	1.5	45.00	19.75	21.50	18.25	15.00	15.875	17.625	130
SS24HC	2.0	45.00	19.75	21.50	18.25	15.00	15.875	17.625	130
SS30HC	2.5	45.00	19.75	21.50	18.25	15.00	15.875	17.625	132
SS36HC	3.0	45.00	19.75	21.50	18.25	15.00	15.875	17.625	140
SB42HC	3.5	51.00	23.00	22.50	21.75	15.50	18.75	19.50	168
SB48HC	4.0	51.00	23.00	22.50	21.75	15.50	18.75	19.50	168
SB60HC	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	Heating Capacity BTUH @ .20" External Static Pressure and Entering Water Temperatures Of (1.)						Pressure Drop FT of Water
		GPM	120°F	140°F	160°F	180°F	190°F	
SS18HC	600	7.2	23,200	32,600	42,000	51,500	56,500	11.4
SS24HC	800	7.2	27,600	38,500	50,000	61,500	67,000	11.4
SS30HC	1000	7.2	31,000	43,500	56,500	69,000	76,000	11.4
SS36HC	1200	7.2	34,000	48,000	62,000	76,000	83,000	11.4
SB42HC	1400	7.2	41,000	58,000	75,000	92,000	101,000	8.7
SB48HC	1600	7.2	44,000	62,000	80,000	98,000	107,000	8.7
SB60HC	1800	7.2	46,500	65,000	84,000	103,000	113,000	8.8

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

## COOLING CAPACITY - Heating & Cooling 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
SS18HC	1.5	1/4	4.0	10 x 6	L	775	720	690	600	600
SS24HC	2.0	1/4	4.0	10 x 6	H	824	780	750	665	625
SS30HC	2.5	1/3	4.3	10 x 8	L	1252	1190	1092	1026	1000
SS36HC	3.0	1/2	7.5	10 x 8	H	1304	1255	1197	1081	1050
SB42HC	3.5	3/4	8.4	10 x 8	H	1655	1560	1510	1355	1300
SB48HC	4.0	3/4	8.4	11 x 8	H	1700	1655	1600	1450	1400
SB60HC	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.