

Model #: SEHFF754RC77G9BD1B01A0CEG00000RT008600  
Serial #: C08D04161



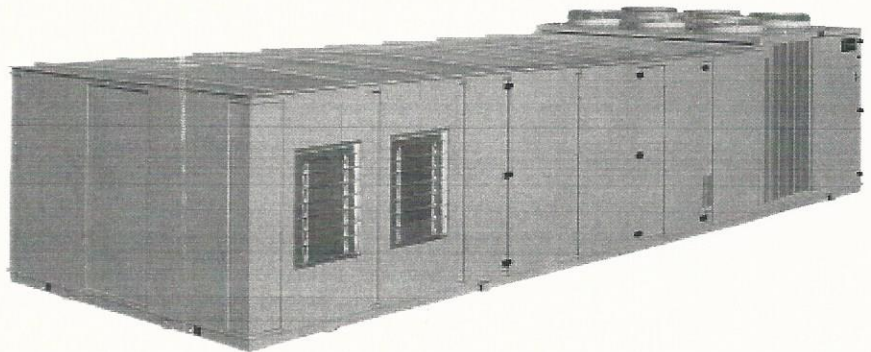
**\*\*NEW SURPLUS\*\***

2008  
75 Ton  
R-22  
460/60/3

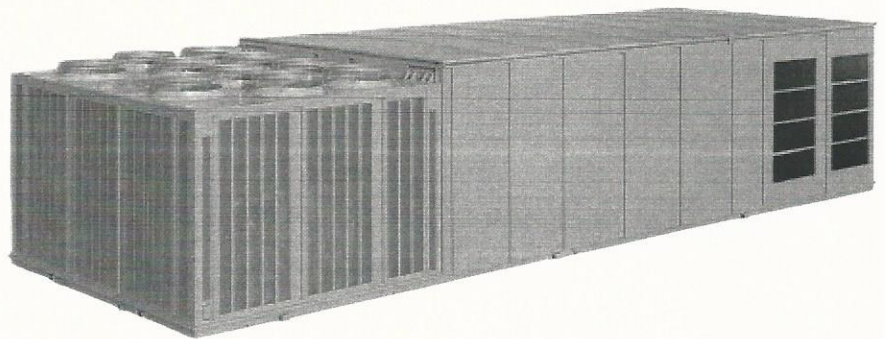
# Packaged Rooftop Air Conditioners

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IntelliPak™ Rooftops  
20 - 130Tons — 60 Hz



20 - 75 Tons



90 - 130 Tons

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May 2004

RT-PRC010-EN



# Model Number Description

S E H F F 7 5 4 R C 7 7 G 9 B D 1 B 0 1 A 0 C E G 0 0 0 0 0 0 R T 0 0 8 6 0 0  
 S F H F C 5 5 F H A 5 5 C 6 9 D 3 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1  
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38

## DIGIT 1 — UNIT TYPE

S = Self-Contained (Packaged Rooftop)

## DIGIT 2 — UNIT FUNCTION

- A = DX Cooling, No Heat
- E = DX Cooling, Electric Heat
- F = DX Cooling, Natural Gas Heat
- L = DX Cooling, Hot Water Heat
- S = DX Cooling, Steam Heat
- X = DX Cooling, No Heat, Extended Casing

## DIGIT 3 — UNIT AIRFLOW

H = Single Zone

## DIGIT 4 — DEVELOPMENT SEQUENCE

F = Sixth

## DIGITS 5,6,7 — NOMINAL CAPACITY

- C20 = 20Tons C55 = 55Tons
- C25 = 25Tons C60 = 60Tons
- C30 = 30Tons C70 = 70Tons
- C40 = 40Tons C75 = 75Tons
- C50 = 50Tons

## DIGIT 8 — POWER SUPPLY (See Notes)

- 4 = 460/60/3 XL E = 200/60/3 XL
- 5 = 575/60/3 XL F = 230/60/3 XL

Note: SEHF units (units with electric heat) utilizing 208V or 230V require dual power source.

## DIGIT 9 — HEATING CAPACITY

Note: When the second digit calls for "F" (Gas Heat), the following values apply: Additionally, please note G and M available ONLY on 50 Ton models and above.

- H = High Heat-2-Stage P = High Heat-Full Modulation
- L = Low Heat-2-Stage Modulation
- O = No Heat M = Low Heat-Full Modulation
- J = High Heat-Limited Modulation
- G = Low Heat-Limited Modulation

Note: When the second digit calls for "E" (electric heat), the following values apply:

- D = 30 KW R = 130 KW
- H = 50 KW U = 150 KW
- L = 70 KW V = 170 KW
- N = 90 KW W = 190 KW
- Q = 110 KW

Note: When the second digit calls for "L" (Hot Water) or "S" (Steam) Heat, one of the following valve size values must be in Digit 9:

- High Heat Coil: 1 = .50", 2 = .75", 3 = 1", 4 = 1.25", 5 = 1.5", 6 = 2"
- Low Heat Coil: A = .50", B = .75", C = 1", D = 1.25", E = 1.5", F = 2"

## DIGIT 10 — DESIGN SEQUENCE

A = First (Factory Assigned)  
 Note: Sequence may be any letter A thru Z, or any digit 1 thru 9.

## DIGIT 11 — EXHAUST OPTION

- 0 = None
- 1 = Barometric
- 2 = 100%, 1.5 HP W/Statitrac

- 3 = 100%, 3 HP W/Statitrac
- 4 = 100%, 5 HP W/Statitrac
- 5 = 100%, 7.5 HP W/Statitrac
- 6 = 100%, 10 HP W/Statitrac
- 7 = 100%, 15 HP W/Statitrac
- 8 = 100%, 20 HP W/Statitrac
- A = 50%, 1.5 HP
- B = 50%, 3 HP
- C = 50%, 5 HP
- D = 50%, 7.5 HP
- E = 100%, 1.5 HP W/O Statitrac (CV Only)
- F = 100%, 3 HP W/O Statitrac (CV Only)
- G = 100%, 5 HP W/O Statitrac (CV Only)
- H = 100%, 7.5 HP W/O Statitrac (CV Only)
- J = 100%, 10 HP W/O Statitrac (CV Only)
- K = 100%, 15 HP W/O Statitrac (CV Only)
- L = 100%, 20 HP W/O Statitrac (CV Only)

## DIGIT 12 — EXHAUST AIR FAN DRIVE

- 0 = None 8 = 800 RPM
- 4 = 400 RPM 9 = 900 RPM
- 5 = 500 RPM A = 1000 RPM
- 6 = 600 RPM B = 1100 RPM
- 7 = 700 RPM

## DIGIT 13 — FILTER

- A = Throwaway
- B = Cleanable Wire Mesh
- C = High-Efficiency Throwaway
- D = Bag With Prefilter
- E = Cartridge With Prefilter
- F = Throwaway Filter Rack Less Filter Media
- G = Bag Filter Rack Less Filter Media

## DIGIT 14 — SUPPLY AIR FAN HP

- 1 = 3HP 4 = 10 HP 7 = 25 HP
- 2 = 5HP 5 = 15 HP 8 = 30 HP
- 3 = 7.5 HP 6 = 20 HP 9 = 40 HP<sup>3</sup>

## DIGIT 15 — SUPPLY AIR FAN DRIVE

- 5 = 500 RPM B = 1100 RPM
- 6 = 600 RPM C = 1200 RPM
- 7 = 700 RPM D = 1300 RPM
- 8 = 800 RPM E = 1400 RPM
- 9 = 900 RPM F = 1500 RPM
- A = 1000 RPM G = 1600 RPM

## DIGIT 16 — FRESH AIR

- A = No Fresh Air
- B = 0-25% Manual
- D = 0-100% Economizer

## DIGIT 17 — SYSTEM CONTROL

- 1 = Constant Volume Control
- 2 = VAV Supply Air Temperature Control w/o Inlet Guide Vanes
- 3 = VAV Supply Air Temperature Control w/ Inlet Guide Vanes
- 4 = Space Pressure Control with Exhaust VFD w/o Bypass
- 5 = Space Pressure Control with Exhaust VFD and Bypass
- 6 = VAV Supply Air Temperature Control with VFD w/o Bypass
- 7 = VAV Supply Air Temperature Control

- with VFD and Bypass
- 8 = Supply and Exhaust Fan with VFD w/o Bypass
- 9 = Supply and Exhaust Fan with VFD and Bypass

## DIGIT 18 — ACCESSORY PANEL

- 0 = None
- A = BAYSENS008\*
- B = BAYSENS010\*
- C = BAYSENS013\*
- D = BAYSENS014\*
- E = BAYSENS019\*
- F = BAYSENS020\*
- G = BAYSENS021\*

Note: \*Asterisk indicates current model number digit A, B, C, etc. These sensors can be ordered to ship with the unit.

## DIGIT 19 — AMBIENT CONTROL

- 0 = Standard
- 1 = 0° Fahrenheit

## DIGIT 20 — AGENCY APPROVAL

- 0 = None (UL Gas Heater, see note)
- 1 = UL
- 2 = CSA

Note: Includes UL classified gas heating section only when second digit of Model No. is a "F."

## DIGITS 21 - 38 — MISCELLANEOUS

- 21 A = Unit Disconnect Switch
- 22 B = Hot Gas Bypass
- 23 0 = Without Economizer
- C = Economizer Control w/ Comparative Enthalpy
- 23 Z = Economizer Control w/ Reference Enthalpy
- 23 W = Economizer Control w/Dry Bulb
- 24 E = Low Leak Fresh Air Dampers
- 25 F = High Duct Temperature Thermostat
- 26 G = High Capacity Evap. Coil
- 27 H = Copper Fins (Cond. Only)
- 28 K = Generic B.A.S. Module
- 29 L = High-Efficiency Motors (Supply and Exhaust)
- 30 M = Remote Human Interface
- 31 N = Ventilation Override Module
- 32 R = Extended Grease Lines
- 33 T = Access Doors
- 34 V = Inter-Processor Communication Bridge
- 35 Y = Trane Communication Interface (TCI) Module
- 35 7 = Trane LonTalk Communication Interface (LCI) Module
- 36 8 = Spring Isolators
- 37 6 = Factory-Powered 15A GFI Convenience Outlet
- 38 0 = None





# Dimensional Data

(20 - 75 Tons)

Figure DD-2 — 20-75 Ton Heating/Cooling Unit Dimensions

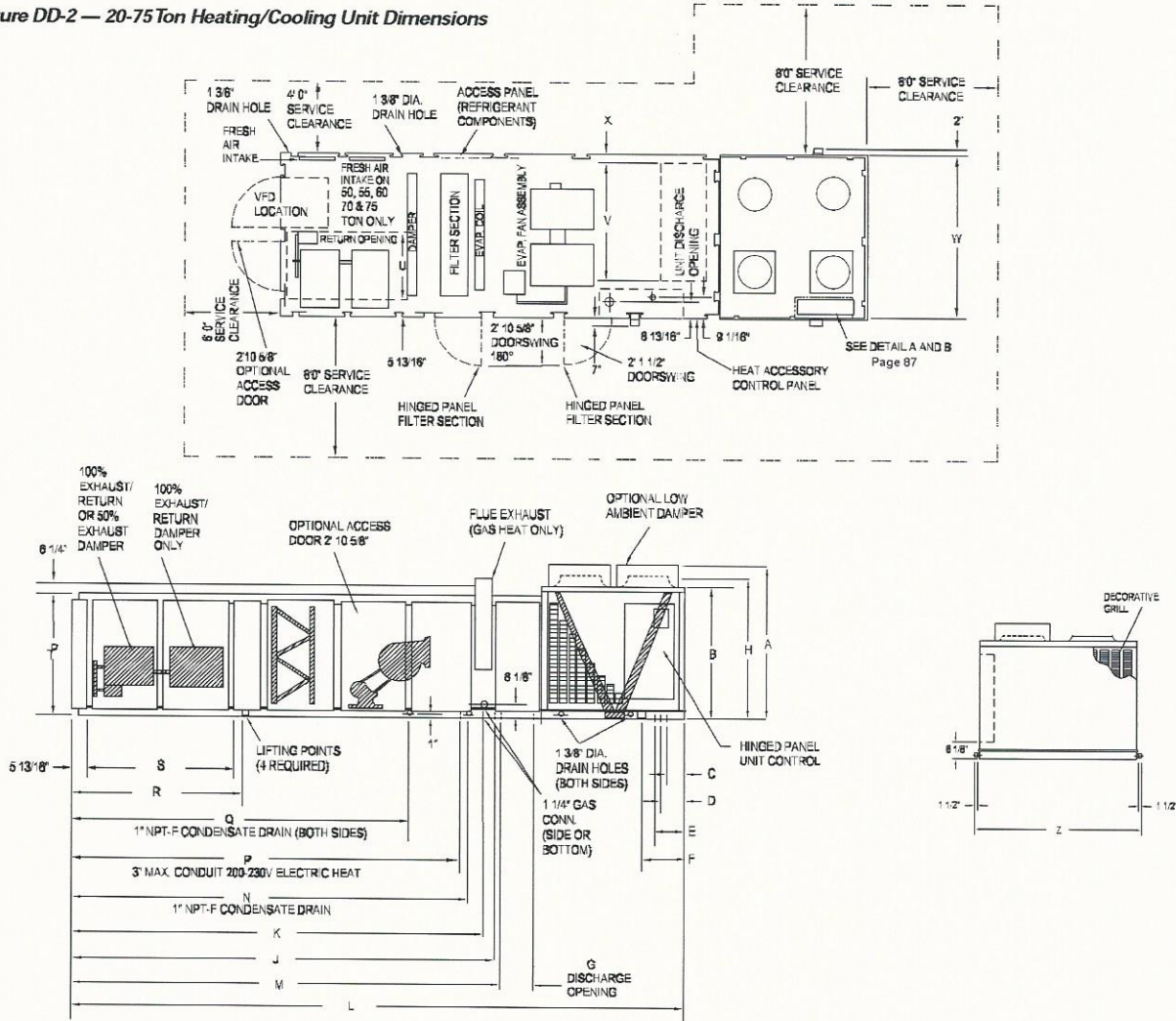


Table DD-2 — Heating/Cooling Unit Dimensions (Ft. In.) — SEHF, SFHF, SSHF, SLHF, SXHF<sup>2</sup>

Nom. Tons	H	L	W	A	B	C	D	E	F	G	J'	K'	M	N	P	Q	R	S	T	U	V	X	Z
20 & 25	5-8 <sup>15</sup> / <sub>16</sub>	24-1 <sup>9</sup> / <sub>8</sub>	7-6 <sup>1</sup> / <sub>2</sub>	6-4 <sup>7</sup> / <sub>16</sub>	5-3 <sup>1</sup> / <sub>8</sub>	0-9 <sup>1</sup> / <sub>2</sub>	1-3 <sup>3</sup> / <sub>8</sub>	1-7 <sup>9</sup> / <sub>16</sub>	1-3 <sup>1</sup> / <sub>2</sub>	2-2 <sup>1</sup> / <sub>2</sub>	16-9 <sup>3</sup> / <sub>8</sub>	16-6	16-3 <sup>1</sup> / <sub>16</sub>	16-7	15-5 <sup>5</sup> / <sub>16</sub>	13-3	7-0	6-6 <sup>15</sup> / <sub>16</sub>	3-9 <sup>5</sup> / <sub>16</sub>	3-4 <sup>3</sup> / <sub>8</sub>	5-7	0-5 <sup>13</sup> / <sub>16</sub>	7-9 <sup>1</sup> / <sub>2</sub>
30	6-2 <sup>7</sup> / <sub>8</sub>	24-1 <sup>9</sup> / <sub>8</sub>	7-6 <sup>1</sup> / <sub>2</sub>	6-9 <sup>3</sup> / <sub>8</sub>	5-8 <sup>5</sup> / <sub>8</sub>	0-9 <sup>1</sup> / <sub>2</sub>	1-3 <sup>3</sup> / <sub>8</sub>	1-7 <sup>9</sup> / <sub>16</sub>	1-3 <sup>1</sup> / <sub>2</sub>	2-2 <sup>1</sup> / <sub>2</sub>	16-9 <sup>3</sup> / <sub>8</sub>	16-6	16-3 <sup>1</sup> / <sub>16</sub>	16-7	15-5 <sup>5</sup> / <sub>16</sub>	13-3	7-0	6-6 <sup>15</sup> / <sub>16</sub>	4-9 <sup>5</sup> / <sub>16</sub>	3-4 <sup>3</sup> / <sub>8</sub>	5-7	0-5 <sup>13</sup> / <sub>16</sub>	7-9 <sup>1</sup> / <sub>2</sub>
40	6-7 <sup>7</sup> / <sub>8</sub>	30-2 <sup>1</sup> / <sub>2</sub>	7-6 <sup>1</sup> / <sub>2</sub>	7-2 <sup>5</sup> / <sub>8</sub>	6-1 <sup>1</sup> / <sub>8</sub>	0-9 <sup>1</sup> / <sub>2</sub>	1-5 <sup>1</sup> / <sub>8</sub>	1-10 <sup>1</sup> / <sub>8</sub>	2-5	2-5	20-1 <sup>1</sup> / <sub>4</sub>	19-6	19-10 <sup>5</sup> / <sub>16</sub>	19-7	18-11 <sup>11</sup> / <sub>16</sub>	15-11 <sup>1</sup> / <sub>8</sub>	8-0	7-8 <sup>7</sup> / <sub>16</sub>	5-9 <sup>5</sup> / <sub>16</sub>	3-4 <sup>3</sup> / <sub>8</sub>	5-7	0-5 <sup>13</sup> / <sub>16</sub>	7-9 <sup>1</sup> / <sub>2</sub>
50 & 55	5-8 <sup>7</sup> / <sub>8</sub>	32-10 <sup>1</sup> / <sub>2</sub>	7-6 <sup>1</sup> / <sub>2</sub>	6-4 <sup>1</sup> / <sub>8</sub>	5-3 <sup>1</sup> / <sub>8</sub>	0-9 <sup>1</sup> / <sub>2</sub>	1-3 <sup>3</sup> / <sub>8</sub>	1-7 <sup>9</sup> / <sub>16</sub>	2-5	2-5	20-6 <sup>3</sup> / <sub>8</sub>	20-3	19-10 <sup>5</sup> / <sub>16</sub>	19-7	18-11 <sup>11</sup> / <sub>16</sub>	15-11 <sup>1</sup> / <sub>8</sub>	8-0	7-8 <sup>7</sup> / <sub>16</sub>	6-9 <sup>5</sup> / <sub>16</sub>	3-4 <sup>3</sup> / <sub>8</sub>	5-7	0-5 <sup>13</sup> / <sub>16</sub>	7-9 <sup>1</sup> / <sub>2</sub>
60	6-7 <sup>7</sup> / <sub>8</sub>	30-2 <sup>1</sup> / <sub>2</sub>	9-8	7-2 <sup>5</sup> / <sub>8</sub>	6-1 <sup>1</sup> / <sub>8</sub>	0-9 <sup>1</sup> / <sub>2</sub>	1-5 <sup>1</sup> / <sub>8</sub>	1-10 <sup>1</sup> / <sub>8</sub>	2-5	2-5	20-6 <sup>3</sup> / <sub>8</sub>	20-3	19-10 <sup>5</sup> / <sub>16</sub>	19-7	18-11 <sup>11</sup> / <sub>16</sub>	15-11 <sup>1</sup> / <sub>8</sub>	8-0	7-8 <sup>7</sup> / <sub>16</sub>	5-9 <sup>5</sup> / <sub>16</sub>	4-5 <sup>3</sup> / <sub>8</sub>	7-8 <sup>1</sup> / <sub>2</sub>	0-5 <sup>13</sup> / <sub>16</sub>	9-11
70 & 75	6-7 <sup>7</sup> / <sub>8</sub>	30-2 <sup>1</sup> / <sub>2</sub>	9-8	7-2 <sup>5</sup> / <sub>8</sub>	6-1 <sup>1</sup> / <sub>8</sub>	0-9 <sup>1</sup> / <sub>2</sub>	1-5 <sup>1</sup> / <sub>8</sub>	1-10 <sup>1</sup> / <sub>8</sub>	1-4	2-5	20-1 <sup>1</sup> / <sub>4</sub>	19-6	19-10 <sup>5</sup> / <sub>16</sub>	19-7	18-11 <sup>11</sup> / <sub>16</sub>	15-11 <sup>1</sup> / <sub>8</sub>	8-0	7-8 <sup>7</sup> / <sub>16</sub>	5-9 <sup>5</sup> / <sub>16</sub>	4-5 <sup>3</sup> / <sub>8</sub>	7-8 <sup>1</sup> / <sub>2</sub>	0-5 <sup>13</sup> / <sub>16</sub>	9-11

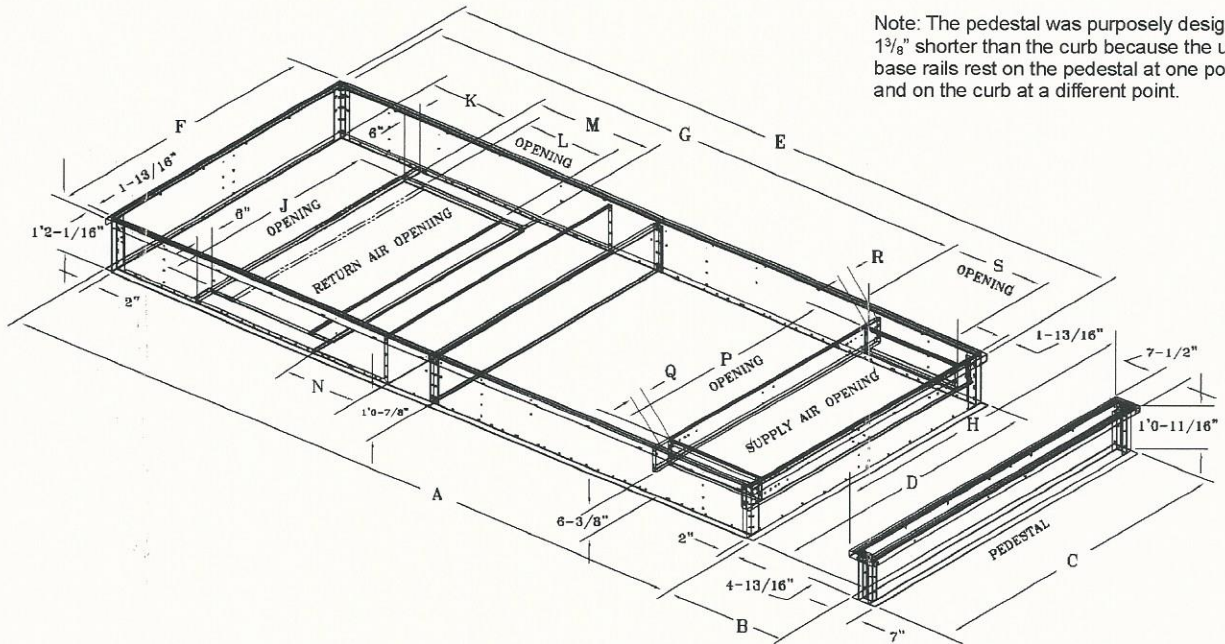
Note:

- Dimensions shown are for  $\frac{\text{High Heat}}{\text{Low Heat}}$  gas heat units.
- Unit drawing is representative only and may not accurately depict all models.

# Dimensional Data

(20 - 75 Tons)

Figure DD-3 — 20 - 75 Ton Optional Roof Curb Dimensions (Downflow)



Note: The pedestal was purposely designed 1 3/8" shorter than the curb because the unit's base rails rest on the pedestal at one point and on the curb at a different point.

Table DD-3 — 20 - 75 Ton Downflow Roof Curb Dimensions (Ft. In.)

Tons	Model	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S
20,25,30	SAHF	16'-3 1/8"	2'-10 1/16"	7'-10 1/16"	7'-0 13/16"	16'-3 9/16"	7'-0 1/2"	13'-6 15/16"	7'-11 15/16"	5'-8 3/16"	2'-0"	2'-5 1/16"	2'-11 3/16"	1'-10 5/8"	5'-9 1/2"	0'-5 1/16"	0'-5 1/16"	2'-3 1/16"
	S*HF	18'-7 1/2"	2'-10 1/16"	7'-10 1/16"	7'-0 13/16"	18'-7 7/16"	7'-0 1/2"	15'-10 9/16"	7'-11 15/16"	5'-8 3/16"	2'-0"	2'-5 1/16"	2'-11 3/16"	1'-10 5/8"	5'-7 3/8"	1'-0 1/16"	0'-1"	2'-3 1/16"
40	SAHF	19'-1 15/16"	5'-2 1/16"	7'-10 1/16"	7'-0 13/16"	19'-1 5/8"	7'-0 1/2"	16'-2 1/16"	7'-11 15/16"	5'-8 3/16"	2'-0"	3'-6"	4'-0"	1'-10 5/8"	5'-9 1/2"	0'-5 1/16"	0'-5 1/16"	2'-5 1/16"
	S*HF	22'-4 1/2"	5'-2 1/16"	7'-10 1/16"	7'-0 13/16"	22'-4 1/8"	7'-0 1/2"	19'-5"	7'-11 15/16"	5'-8 3/16"	2'-0"	3'-6"	4'-0"	1'-10 5/8"	5'-7 3/8"	0'-11 3/16"	0'-2 1/2"	2'-5 1/16"
50,55	SAHF	19'-1 15/16"	7'-10 1/16"	7'-10 1/16"	7'-0 13/16"	19'-1 5/8"	7'-0 1/2"	16'-2 1/16"	7'-11 15/16"	5'-8 3/16"	2'-0"	3'-6"	4'-0"	1'-10 5/8"	5'-9 1/2"	0'-5 1/16"	0'-5 1/16"	2'-5 1/16"
	S*HF	22'-4 1/2"	7'-10 1/16"	7'-10 1/16"	7'-0 13/16"	22'-4 1/8"	7'-0 1/2"	19'-5"	7'-11 15/16"	5'-8 3/16"	2'-0"	3'-6"	4'-0"	1'-10 5/8"	5'-7 3/8"	0'-11 3/16"	0'-2 1/2"	2'-5 1/16"
60,70,75	SAHF	19'-1 15/16"	5'-2 1/16"	9'-11 15/16"	9'-2 1/16"	19'-1 5/8"	9'-2"	16'-2 1/16"	10'-1 1/16"	7'-10 3/16"	2'-0"	3'-6"	4'-0"	1'-10 5/8"	6'-11 1/8"	0'-11 3/16"	0'-11 3/16"	2'-5 1/16"
	S*HF	22'-4 1/2"	5'-2 1/16"	9'-11 15/16"	9'-2 1/16"	22'-4 1/8"	9'-2"	19'-5"	10'-1 1/16"	7'-10 3/16"	2'-0"	3'-6"	4'-0"	1'-10 5/8"	*7'-8 3/4"	0'-11 3/16"	**0'-2 1/8"	2'-5 1/16"

Notes:

1. The return opening of the roof curb is provided with an adjustable filler panel six inches wide. This panel allows adjustment of the return air opening in order to clear roof members of all standard roof constructions with both the supply and return openings. The return air opening of the curb is at a 90 degree angle as compared to the rooftop return air opening to allow this placement flexibility. The curb acts as a plenum between the ductwork and the unit return opening. A retainer clip is used to secure the adjustable filler piece to the roof curb.

\*\*"P" dimension is 5' 6" on 60, 70, 75 Tons SEHF (Units with electric heat).

\*\*"R" dimension is 2' 5 1/8" on 60, 70, 75 Tons SEHF (Units with electric heat).





# Weights

**Table W-1 — Approximate Operating Weights (Lbs./Kg)**

Nominal Tons	Rooftops Without Exhaust Fans					Rooftops With Exhaust Fans					Roof Curb All Heating Units & SX/HF/G		
	SA	SX	SE	SF	SL/SS	SA	SX	SE	SF	SL/SS	SA	Units & SX/HF/G	
20	Lb.	4000	4220	4330	4620	4330	4360	4580	4690	4970	4690	490	510
	Kg	1814	1914	1964	2096	1964	1978	2077	2127	2254	2127	222	231
25	Lb.	4160	4370	4500	4770	4500	4520	4750	4860	5130	4860	490	510
	Kg	1887	1982	2041	2164	2041	2050	2155	2204	2327	2204	222	231
30	Lb.	4800	5040	5160	5430	5160	5220	5460	5590	5840	5590	490	510
	Kg	2177	2286	2341	2463	2341	2368	2477	2536	2649	2536	222	231
40	Lb.	6270	6650	6810	7290	6810	6890	7240	7400	7880	7400	515	550
	Kg	2844	3016	3089	3307	3089	3125	3284	3357	3574	3357	234	249
50	Lb.	7250	7630	7800	8260	7800	7890	8290	8450	8900	8450	515	550
	Kg	3289	3461	3538	3747	3538	3579	3760	3833	4037	3833	234	249
55	Lb.	7500	7890	8050	8530	8050	8140	8540	8690	9170	8690	515	550
	Kg	3402	3579	3651	3869	3651	3692	3874	3942	4159	3942	234	249
60	Lb.	8450	8610	8770	9230	8770	9320	9480	9650	10120	9650	610	640
	Kg	3833	3905	3978	4187	3978	4227	4300	4377	4590	4377	277	290
70/75	Lb.	8970	9150	9300	9780	9300	9860	10040	10160	10640	10160	610	640
	Kg	4069	4150	4218	4436	4218	4472	4554	4608	4826	4608	277	290
90	Lb.	N/A	13240	13390	14030	13390	N/A	14580	14730	15400	14730	N/A	770
	Kg	N/A	6006	6074	6364	6074	N/A	6613	6681	6985	6681	N/A	349
105	Lb.	N/A	13810	13950	14600	13950	N/A	15160	15310	15940	15310	N/A	770
	Kg	N/A	6264	6328	6622	6328	N/A	6876	6944	7230	6944	N/A	349
115	Lb.	N/A	14200	14380	15020	14380	N/A	15560	15730	16370	15730	N/A	770
	Kg	N/A	6441	6523	6813	6523	N/A	7058	7135	7425	7135	N/A	349
130	Lb.	N/A	14580	14740	15380	14740	N/A	15930	16080	16710	16080	N/A	770
	Kg	N/A	6613	6686	6976	6686	N/A	7226	7294	7580	7294	N/A	349

**Notes:**

- Weights shown include the following features: standard coils, 100% economizer, throwaway filters, maximum motor sizes (high efficiency), inlet guide vanes, 460V XL, High Heat.
- Weights shown represent approximate operating weights and have a ±5% accuracy. **ACTUAL WEIGHTS ARE STAMPED ON THE UNIT NAMEPLATE.**
- If unit is not as specified in note 1, you must reference RT-EB-103 for more details, as well as for point loading and center of gravity.



# General Data

Table GD-2 — General Data — 50-75 Tons

	50 Ton		55 Ton		60 Ton		70 Ton		75 Ton	
									Standard	High Capacity
<b>Compressor Data<sup>3</sup></b>										
Number/Size (Nominal)	2/10, 2/15 Ton		4/15 Ton		4/15 Ton		4/10, 2/15 Ton		4/10, 2/15 Ton	4/10, 2/15 Ton
Model	Scroll		Scroll		Scroll		Scroll		Scroll	Scroll
Unit Capacity Steps (%)	100/80/60/30		100/75/50/25		100/75/50/25		100/72/44/22		100/72/44/22	
RPM	3450		3450		3450		3450		3450	
No. of Circuits	2		2		2		2		2	
<b>Evaporator Fans</b>										
Number/Size/Type	2/20"/FC		2/20"/FC		2/22"/FC		2/22"/FC		2/22"/FC	
Number of Motors	1		1		1		1		1	
Hp Range	7 $\frac{1}{2}$ -30		7 $\frac{1}{2}$ -30		10-40		10-40 <sup>6</sup>		10-40 <sup>6</sup>	
Cfm Range <sup>1</sup>	10000-22500		12000-24000		14000-27000		16000-27000		16000-27000	
ESP Range — (In. WG)	0.25-4.0		0.25-4.0		0.25-4.0		0.25-4.0		0.25-4.0	
<b>Exhaust Fans</b>										
	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
Number/Size/Type	1/18"/FC	2/18"/FC	1/18"/FC	2/18"/FC	1/20"/FC	2/20"/FC	1/20"/FC	2/20"/FC	1/20"/FC	2/20"/FC
Hp Range	5-7.5	5-15	5-7.5	5-15	5-7.5	5-20	5-7.5	5-20	5-7.5	5-20
Cfm Range	3000-11000	9000-20000	3000-11000	10000-21500	4000-13000	12000-27000	4000-13000	12000-27000	4000-13000	12000-27000
ESP Range — (In. WG)	0.25-1.4	0.2-2.0	0.25-1.4	0.2-2.0	0.25-1.4	0.2-2.0	0.25-1.4	0.2-2.0	0.25-1.4	0.2-2.0
<b>Condenser Fans</b>										
Number/Size/Type	6/26"/Prop		6/26"/Prop		6/26"/Prop		6/26"/Prop		6/26"/Prop	
Hp (Each)	1.0		1.0		1.0		1.0		1.0	
Cfm	36600		36600		40800		40800		40800	
Cycle/Phase	60/3		60/3		60/3		60/3		60/3	
<b>Evaporator Coil — Standard</b>										
Size (Ft.)	37.9		37.9		43.1		43.1		43.1	
Rows/Fin Series	3/148		3/148		2/164		3/180		4/148	
Tube Diameter/Surface	$\frac{1}{2}$ /Enhanced		$\frac{1}{2}$ /Enhanced		$\frac{1}{2}$ /Enhanced		$\frac{1}{2}$ /Enhanced		$\frac{1}{2}$ /Enhanced	
<b>Evaporator Coil — High Capacity</b>										
Size (Ft.)	37.9		37.9		43.1		NA		43.1	
Rows/Fin Series	4/148		4/148		4/148		NA		5/148	
Tube Diameter/Surface	$\frac{1}{2}$ /Enhanced		$\frac{1}{2}$ /Enhanced		$\frac{1}{2}$ /Enhanced		$\frac{1}{2}$ /Enhanced		$\frac{1}{2}$ /Enhanced	
<b>Condenser Coil (Aluminum Fins)</b>										
Size (Ft.)	70.0		70.0		88.0		88.0		88.0	
Rows/Fin Series/Tube Diameter	3/144/ $\frac{3}{8}$		4/144/ $\frac{3}{8}$		4/144/ $\frac{3}{8}$		4/144/ $\frac{3}{8}$		4/144/ $\frac{3}{8}$	
<b>Copper Condenser Fins (Optional)</b>										
	3/144/ $\frac{3}{8}$		3/144/ $\frac{3}{8}$		3/144/ $\frac{3}{8}$		3/144/ $\frac{3}{8}$		3/144/ $\frac{3}{8}$	
<b>Electric Heat</b>										
KW Range <sup>2</sup>	70-190		70-190		90-190		90-190		90-190	
Capacity Steps:	3		3		3		3		3	
<b>Natural Gas Heat</b>										
Standard Gas Heat <sup>7</sup>										
Low Heat Input	500		500		500		500		500	
High Heat Input	850		850		850		850		850	
Standard Heating Capacity Steps:	2		2		2		2		2	
Modulating Gas Heat										
High/Low Heat - Limited Modulation <sup>4</sup>										
Heat Exchanger Type	See Table GD-7 Standard		See Table GD-7 Standard		See Table GD-7 Standard		See Table GD-7 Standard		See Table GD-7 Standard	
High/Low Heat - Full Modulation <sup>5</sup>										
Heat Exchanger Type	See Table GD-7 High Grade, Stainless Steel		See Table GD-7 High Grade, Stainless Steel		See Table GD-7 High Grade, Stainless Steel		See Table GD-7 High Grade, Stainless Steel		See Table GD-7 High Grade, Stainless Steel	
<b>Hot Water Coil</b>										
Size (Inches)	42x66x2 Row		42x66x2 Row		42x90x2 Row		42x90x2 Row		42x90x2 Row	
Type	Type W, Prima Flo		Type W, Prima Flo		Type W, Prima Flo		Type W, Prima Flo		Type W, Prima Flo	
High Heat (Fins/Ft)	110		110		110		110		110	
Low Heat (Fins/Ft)	80		80		80		80		80	
<b>Steam Coil</b>										
Size (Inches)	30x66x1 Row		30x66x1 Row		30x90x1 Row		30x90x1 Row		30x90x1 Row	
Type	12x66x1 Row Type NS		12x66x1 Row Type NS		12x90x1 Row Type NS		12x90x1 Row Type NS		12x90x1 Row Type NS	
High Heat (Fins/Ft)	96		96		72		72		72	
Low Heat (Fins/Ft)	42		42		42		42		42	



## General Data

**Table GD-2 – General Data – 50-75 Tons Continued**

	50Ton	55Ton	60Ton	70Ton	75Ton
<b>Filters</b>					
Panel Filters					
Number/Size (Inches)	20 — 20x25x2	20 — 20x25x2	35 — 16x20x2	35 — 16x20x2	35 — 16x20x2
Face Area (Ft)	69.4	69.4	77.8	77.8	77.8
Bag Filters					
Number/Size (Inches)	3 — 12x24x19 9 — 24x24x19	3 — 12x24x19 9 — 24x24x19	6 — 12x24x19 8 — 24x24x19	6 — 12x24x19 8 — 24x24x19	6 — 12x24x19 8 — 24x24x19
Cartridge Filters	3 — 12x24x12 9 — 24x24x12	3 — 12x24x12 9 — 24x24x12	6 — 12x24x12 8 — 24x24x12	6 — 12x24x12 8 — 24x24x12	6 — 12x24x12 8 — 24x24x12
Prefilters (For Bag & Cartridge)	3 — 12x24x2 9 — 24x24x2	3 — 12x24x2 9 — 24x24x2	6 — 12x24x2 8 — 24x24x2	6 — 12x24x2 8 — 24x24x2	6 — 12x24x2 8 — 24x24x2
Face Area (Ft)	42.0	42.0	44.0	44.0	44.0
<b>Standard Unit Min. Outside Air Temperature For Mechanical Cooling</b>					
Without Hot Gas Option	35 F	40 F	30 F	45 F	45 F
With Hot Gas Option	35 F	40 F	30 F	45 F	45 F
<b>Low Ambient Option Min. Outside Air Temp</b>					
Without Hot Gas Option	0 F	0 F	0 F	0 F	0 F
With Hot Gas Option	10 F	10 F	10 F	10 F	10 F

**Notes:**

1. For cfm values outside these ranges, refer to RT-EB-104.
2. Refer to Table PD-30 for availability of electric heat kw ranges by voltage.
3. 50 - 75 Tons models are dual circuit.
4. The firing rate of the unit can vary from 33% of the Heater Mbh up to the nameplate rating of the unit.
5. The firing rate of the unit can vary from pilot rate of 125,000 Btuh up to the nameplate rating of the unit.
6. 40 Hp available as standard in 460 volt only.
7. Two-stage gas heat: 1st stage 50% on gas heat exchangers up to 500 Mbh; 60% on 800-1000 Mbh gas heat exchangers.