



Model Number Description

S X H G * 1 1 4 O A H Z C F 9 D 3 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2
 1 2 3 4 567 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

DIGIT 1 — UNIT TYPE

S = Self-Contained (Packaged Rooftop)

DIGIT 2 — UNIT FUNCTION

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

G = Seventh

DIGITS 5,6,7 — NOMINAL CAPACITY

*90 = 90 Tons
 *11 = 105 Tons
 *12 = 115 Tons
 *13 = 130 Tons

DIGIT 8 — POWER SUPPLY

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

DIGIT 9 — HEATING CAPACITY

0 = No Heat
 H = High Heat - 2-Stage
 J = High Heat - Limited Modulation
 P = High Heat - Full Modulation

Note:

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

W = 190 KW

When the second digit calls for "L" or "S", one of the following valve size values must be in Digit 9:

High Heat Coil: 3 = 1.0", 4 = 1.25", 5 = 1.50", 6 = 2.0", 7 = 2.5"

Low Heat Coil: C = 1.0", D = 1.25", E = 1.50", F = 2.0", G = 2.5"

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
 7 = 100%, 15 HP W/Statitrac
 8 = 100%, 20 HP W/Statitrac

9 = 100%, 25 HP W/Statitrac

F = 50%, 15 HP

H = 100%, 30 HP W/Statitrac

J = 100%, 40 HP W/Statitrac

K = 100%, 15 HP W/O Statitrac (CV Only)

L = 100%, 20 HP W/O Statitrac (CV Only)

M = 100%, 25 HP W/O Statitrac (CV Only)

N = 100%, 30 HP W/O Statitrac (CV Only)

P = 100%, 40 HP W/O Statitrac (CV Only)

DIGIT 12 — EXHAUST AIR FAN DRIVE

0 = None

5 = 500 RPM

6 = 600 RPM

7 = 700 RPM

8 = 800 RPM

DIGIT 13 — FILTER

A = Throwaway

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

C = 30 HP (2-15 HP)

D = 40 HP (2-20 HP)

E = 50 HP (2-25 HP)

F = 60 HP (2-30 HP)

G = 80 HP (2-40 HP)

DIGIT 15 — SUPPLY AIR FAN DRIVE

A = 1000 RPM

B = 1100 RPM

C = 1200 RPM

D = 1300 RPM

E = 1400 RPM

F = 1500 RPM

G = 1600 RPM

DIGIT 16 — FRESH AIR

D = 0-100% Economizer (Std.)

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

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 - 36 — MISCELLANEOUS

21 A = Unit Disconnect Switch

22 B = Hot Gas Bypass

23 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 Evaporator Coil (90-105 tons only)

H = High Cap. Evap. Coil and High Eff. Cond. Coil (90 Ton only)

27 K = Generic B.A.S. Module

28 L = High-Efficiency Motors (Supply and Exhaust)

29 M = Remote Human Interface

30 N = Ventilation Override Module

31 R = Extended Grease Lines

32 T = Access Doors

33 V = Inter-Processor Communication Bridge

34 Y = Trane Communication Interface (TCI) Module

34 7 = Trane LonTalk Communication Interface (LCI) Module

35 0 = None

36 6 = Factory-Powered 15A GFI Convenience Outlet

1. EXMPLE: Model numbers: SFHF55FHA55C698001N describes a unit with the following characteristics: cooling with natural gas heating, 55 ton nominal cooling capacity, 230608 power supply, high heat model, 100 percent exhaust with Statitrac, 7.5 HP exhaust fan motor with drive selection No. 5 (500 RPM), high-efficiency throwaway filters, 20 HP supply fan motor with drive selection No. 9 (900 RPM), 0-100% economizer, VAV supply air temperature control with inlet guide vanes, no remote panel, standard ambient control, agency approval. The service digit for each model number contains 38 digits; all 38 digits must be referenced.

2. EXMPLE: Model numbers: SMG1140AH7CF88001 describes a unit with the following characteristics: cooling with extended casing, no heat, 105 ton nominal cooling capacity, 460608 power supply, no heat, 100 percent exhaust with Statitrac, 30 h.p. exhaust fan motor with drive selection No. 7 (700 RPM), high-efficiency throwaway filters, 60 hp supply fan motor with drive selection No. 8 (800 RPM), economizer, VAV supply air temperature control with inlet guide vanes, no remote panel, standard ambient, agency approval. The service digit for each model number contains 36 digits; all 36 digits must be referenced.

3. Available as standard 460 volt only for 70 and 75 ton models.



Model Number Description

S E H F * 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

*20 = 20 Tons *55 = 55 Tons

*25 = 25 Tons *60 = 60 Tons

*30 = 30 Tons *70 = 70 Tons

*40 = 40 Tons *75 = 75 Tons

*50 = 50 Tons

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

L = Low Heat-2-Stage Modulation

0 = No Heat M = Low Heat-Full

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 = 3 HP 4 = 10 HP 7 = 25 HP

2 = 5 HP 5 = 15 HP 8 = 30 HP

3 = 7.5 HP 6 = 20 HP 9 = 40 HP³

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