Model Number System

COMPRESSOR MODEL NUMBER SYSTEM

H 8 2 J 1 9 3 A B C A

Mounting Feet Dimension (Inches)....

A = 7.5 x 7.5
B = 4.8 x 8.0
C = 8.44 x 9.75
D = 6.12 x 8.0
E = 9.5 x 9.5
F = 10.5 x 10.5
H = 7.5 x 21.5
J = 7.5 x 22.5
K = 7.5 x 17
L = Offset Mounting Rail
R = Horizontal/Vertical Mount
S = 7.5 x 8.2 Trane 3-Hole
T = 8.75 x 10.56 Trane 3-Hole
X = 8.8 x 6.1
Y = 7.5 x 7.75

Electrical Characteristics.....

A = 115 1 60
B = 230 1 60
C = 208-230 1 60
D = 208-230 3 60 (200-220 3 50)
E = 460 3 60 (380-415 3 50)
F = 575 3 60 (500 3 50)
G = 230 1 50
H = 265 1 60 (220-240 1 50)
J = 208-230 1 50
K = 220-240 1 50
L = 200-230 3 60 (200-220 3 50)
M = 200-220 3 50
N = 400 3 50
P = 200-240 1 50
S = 400 3 60
T = 208 1 60
U = 220-380 3 60
V = 380-460 3 60 (380-415 3 50)
W = 380-460 3 60
X = 380 3 60
Y = 208-230 3 60
Z = 380-415 3 50
2 = 180 3 120

Motor Protector.....

B = Internal Line Break
P = Pilot Duty – Solid State
R = Pilot Duty – Solid State (2nd Generation)
T = Pilot Duty – Internal Thermostat and External Sensing Elements

Motor Type.....

A = PSC Permanent Split Capacitor
B = CSR Capacitor Start/Cap. Run
C = RSCR Resistance Start/Cap. Run
D = AL 3 Phase-Across the Line
E = CSIR Cap. Start/Induction Run
F = PWS 3 Phase-Part Winding Start
G = 3 Phase 2/4 Pole (2 Speed)
J = 1 Phase 2/4 Pole (2 Speed)
K = 3 Phase Dual Voltage
L = 3 Phase – WYE DELTA
M = 3 Phase Variable Speed Permanent Magnet
N = 3 Phase Variable Speed Induction Requiring Drive
P = 3 Phase ALS Synchronous Speed Permanent Magnet Motor

Nominal Capacity (BTU/Hr).....

193 = 19+000 or 19,000 BTU/Hr; 244 = 24+0,000 or 240,000 BTU/Hr
19B = 19+000 Internal bleed applied for equalized start
Note: A letter (B, E, M, Q, S or U) in the third position also indicates k+000

Family.....

A = Model A Reciprocating
B = Model B Reciprocating
C = Scroll (<42k)
D = Dual Compressor Application
G = Model G Reciprocating
J = Benchmark Model Reciprocating
R = Scroll (>42k)
T = Start Winding Protected

Generation.....

B = Second Generation – No PRV (Except G Series)
D = Dual Compressor Application (Single and Interconnected)
E = High Efficiency
M = Alternate Pressure Relief Valve
N = No Pressure Relief Valve (Except G Series)
P = Basic Standard Model – Upgrade Plus
R = Direct (Drop-in) Aftermarket Replacement
S = Debris Resistant
X = Prototype/Development
0 = Basic Standard Model
1 = Second Generation – Basic Standard Model
2 = Third Generation – Basic Standard Model
3 = Fourth Generation – Basic Standard Model
4 = Basic Standard Model – Improved Sound
5 = Inertia Series – Standard Model
6 = Inertia Series – High Efficiency Model
7 = Inertia Series – Second Generation High Efficiency Model
8 = Fifth Generation – Basic Standard Model Upgrade
9 = Sixth Generation – Basic Standard Model Upgrade

Type of Refrigerant.....

1 = R12*
2 = R22
3 = R448A
4 = R134a
5 = R502 or Alternate Replacement Refrigerant R402B
6 = R404A
7 = R407C*
8 = R410A
9 = R407C, R22 (High Temp), R404A (Medium Temp)*
B = R22 or R407C Beast Series (HBST)
C = R22 or R407C Copeland Reciprocating Replacement
T = R22 or R407C Trane Replacement

**Compressors in this series may be applied with additional refrigerants. Please contact your Bristol Compressors account representative for details.*

Refrigeration Application.....

H = High Temperature
L = Low Temperature
M = Medium Temperature
R = Designed for Use with Multiple Refrigerants
T = High Temperature (2 Capacities/2 or 4 Cylinders) – Twin/Single
V = Variable Speed

Bristol Compressors International, Inc. is not affiliated with Trane International, Inc. a subsidiary of Ingersoll Rand or Copeland Scroll, a division of Emerson Climate Technologies, Inc.

BRISTOL COMPRESSORS™