

A Family Nomenclature

Capacity
Compressor nominal capacity at 60 Hertz rating condition to two significant digits

Compressor Motor Types

Phase	Description	Code
1	Capacitor Run-Capacitor Start	C
1	Induction Run-Capacitor Start	I
1	Induction Run-Split Phase	S
1	Resistance Start-Capacitor Run	R

Compressor Motor Protection

Type Protection	Code
Internal Inherent Protection- One Protector (Line Break) Use with Contactor	F
External Inherent Protection-One Protector (Line Break) Use with Contactor	A

Compressor Family Series

Compressor Shell Series

Capacity Multiplier
C: 100
K: 1000

A S E 2 4 C 5 E - I A A - 2 0 1

Application Range

Code	Description	Rating Point
S	Extended Medium Temp R-404A, R-22, R-448A, R-449A, R290	20/120
F	Low Temp R-134A, R-404A, R-448A, R-449A, R-450A, R-513A, R290	-10/120
R	High Temperature R-134A, R-450A, R-513A	45/130

Oil Identifier
"E" designates Polyol Ester for R134A, R404A, R507, R407C, R448A, R449A, R450A, or R513A
"U" designates Polyol Ester (A*E & ASM) and AlkylBenzene (AFF & AFM) R290
"Blank" designates AlkylBenzene for R-12, R-22

Product Variations
Three -digit Bill of Material number that indicates compressor configuration and may include accessories

Model Series Variation
A number or letter arbitrarily assigned to indicate different model types within any one family series.

Voltage Ranges (Typical)

Voltage Code	60 Hertz Rating		50 Hertz Rating			
	Rating	Min	Max	Rating	Min	Max
A	115-1	103	127	-	-	-
	or					
	115-127-1	103	134			
B				200-240-1	180	254
I	208-230-1	187	244	200-230-1	180	244
V	208-230-1	187	244	-	-	-
Z	-	-	-	220-240-1	198	254
3	220-1	200	242	-	-	-