

CR6, CR7, CRKF, CP8, CSK6, CFK6 Models

Copelaweld Compressor Model Type

Compressor Family Series

Either a number or a letter established for each product model.

Compressor nominal capacity at rating conditions to two significant digits.

Indicates compressors with polyol ester oil.

Compressor Motor Types

Phase	Description	Code
1	Capacitor Run - Permanent Split Capacitor	P
3	Three Phase General - 3 Lead Single Voltage 6 Lead Part Winding (575 Volt)	T

Product Variations Numbers will be assigned as follows:

- Number - 105 indicates a standard B/M with molded plug connection and straight discharge and suction fitting.
- Number - 130 indicates standard B/M with molded plug
- Number - 230 indicates a standard compressor B/M and model number.
- Number - 270 indicates a standard compressor B/M with crankcase heater.
- Number - 500 series indicates international standard compressor B/M and model number.
- Number - 830 indicates a standard OEM service B/M with molded plug.
- Number -700, 800 and -900 series indicate standard OEM and Wholesaler service B/M and model number.
- For B/M different from -230, -270, -105, -130 and -830, contact Emerson Climate Technologies Sales and Service.

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Application Range

Code	Refrig.	Description
I,R	R-22	High Temp. A/C & Heat Pump
S	R-404/R-22 R-134A/507	Med. Temp. Refrigeration
P	R-410A	High Temp. High Pressure
F	R-404A/507	Low Temp. Refrigeration

Model Variation

A number or letter, assigned to indicate different model types within any one family series.

Capacity Multiplier
K = 1000

Typical Electrical Codes

60 Hz.	50 Hz.	Code
208/230-3	200/220-3	C
460-3	380/420-3	D
575-3	500-3	E
265-1	200/240-1	J
-	380/420-3	M
208/230-1	200/220-1	V**
-	220/240-1	Z
-	360/460-3	1*
-	180/260-1	2*
200/230-3	200/240-3	5

* Wide voltage range for India produced products
** 50Hz applies to compressors with 50HZ performance data in OPI or contact Emerson Climate Technologies Sales and Service

Compressor Motor Protection

Type Protection	Code
Internal Inherent Protection — One Protector (Single or three phase)	F