

# Semi-Hermetic Condensing Unit Product Line Nomenclature

**Refrigerant**  
 J or 4 = R404A/507/448A/449A  
 T or 2 = R134a  
 B or 7 = R12  
 3/M/L/C = R22  
 F = Multiple  
 G = R22/407C  
 9 = R22  
 N = R134a/404A/22  
 P = R134a/404A  
 8 = R404A/22

**Type of Design**  
 A - Air Cooled Steel Base  
 E - Air Cooled Copevap Base  
 W - Water Cooled Steel Base  
 C - Custom Base  
 D - Discus

**Compressor Motor Type**

Single Phase	Code
Capacitor Run- Capacitor Start	C
Induction Run- Capacitor Start	I
Induction Run- Split Phase	S
Capacitor Run-Permanent Split Capacitor	P
<b>Three Phase Motors</b>	
General	T
3 Lead Single Voltage	
6 Lead Part Winding 575 V	
9 Lead Dual Voltage	
Star (Wye) Delta	E
6 Lead Motors	F
Part Winding or Across the Line	

**Bill of Material**  
 001 thru 099 – Intended for UL Listing and CUL Certified.  
 100 thru 299 – Intended for UL Recognition and CUL Certified  
 300 thru 399 – Not Eligible for either UL Listing, UL Recognition or CUL Certified.

X X X X - XXXX - X X X - XXX

C = Receiver Base  
 E / D= Flat Metal Base  
 W = Water Condenser Base  
 T = Transport Unit

**Temperature Application**

H	High Temperature
M	Medium
Temperature	
L	Low Temperature
F	Extended Medium
Temp.	
E	Extra Low Temp
B	High Temperature
G	R22 /404A LT &
R134a HT	
J	R22 HT & R404A
MT	
K	R404A LT & R134a
HT	
P	Multiple
U	Two Stage
T	Two Stage
S/N/P	Multiple

**Nominal HP**

Code	HP
0050	1/2
0075	3/4
0100	1
0150	1-1/2
0200	2
0300	3
0400	4
0500	5
0600	6
0750	7-1/2
0900	9
1000	10
1500	15
2000	20
2200	22
2500	25
2700	27
3000	30
4000	40
5000	50
6000	60
7000	70
8000	80

**Compressor Motor Protection**

Type Protection	Code
External Inherent	A
Protection- One Protector, (Line Break)	
Internal Inherent	F
Protection- One Protector	
Internal Thermal	S
Protectors-Electronic	
Sensors: and Control	
Module External	

**Typical Electrical Codes**

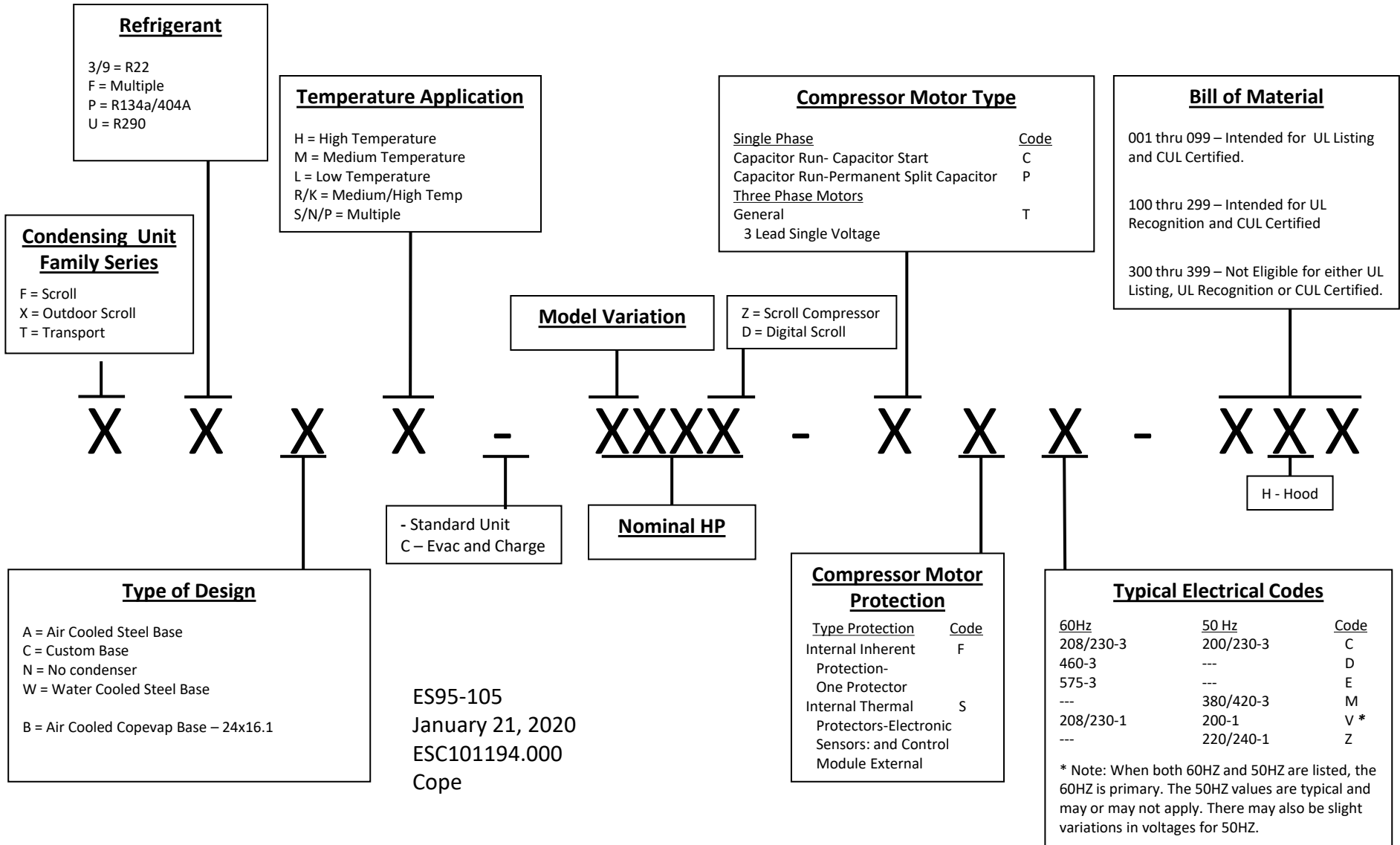
60Hz	50 Hz	Code
115-1	100-1	A
230-1	---	B
208/230-3	200/230-3	C
460-3	---	D
575-3	---	E
---	230-1	G
---	380/420-3	M
208/230-1	200-1	V
---	220-3	W
---	220/240-1	Z

Note: When applicable, specific 50 Hz ratings (not necessarily identical to typical shown above) will be shown as alternate on 60 Hz rated models.

Note: Left hand position may be a letter indicating a revision change

ES95-105  
 January 21, 2020  
 ESC101194.000  
 Cope

# Scroll Condensing Unit Product Line Nomenclature



# M-Line Condensing Unit Product Line Nomenclature

## Refrigerant

U = R290  
 6 = R404A/R448A/R449A/407C\*  
 7 = R134a/R450A/R513A

\* Only on some models

## Temperature Application

H = High Temperature  
 M = Medium Temperature  
 L = Low Temperature  
 F = Extended Medium Temp.  
 P = Multiple

## Compressor Motor Type

<u>Single Phase</u>	<u>Code</u>
Capacitor Run- Capacitor Start	C
Induction Run- Capacitor Start	I
<i>Resistance Start – Capacitor Run</i>	R
<u>Three Phase Motors</u>	
General	T
3 Lead Single Voltage	

## Bill of Material

001 thru 099 – Intended for UL Listing and CUL Certified.

100 thru 299 – Intended for UL Recognition and CUL Certified

300 thru 399 – Not Eligible for either UL Listing, UL Recognition or CUL Certified.

## Condensing Unit Family Series

M = Hermetic

## Model Variation

X X X X - XXXX - X X X - X X X

## Type of Design

A/F = Air Cooled Steel Base  
 C = Custom Base  
 N = No condenser  
 S = Special Base  
 W = Water Cooled Steel Base

B = Air Cooled Copevap Base – 24x16.1  
 E = Air Cooled Copevap Base – 16x15.1  
 P = Air Cooled Copevap Base – 11x20  
 T = Narrow Air Cooled Copevap Base – 8.25x19

G = Air Cooled Steel – 17.4x12.1  
 J = Air Cooled Steel – 13.6x10.8  
 K = Air Cooled Steel – 24x16.1  
 R = Air Cooled Steel – 19.5x26.75  
 Q = Air Cooled Steel – 15x10.8  
 Z = Air Cooled Steel – 16.0x12.1

- Standard Unit  
 C – Evac and Charge

## Nominal HP

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## Compressor Motor Protection

<u>Type Protection</u>	<u>Code</u>
External Inherent Protection- One Protector, (Line Break)	A
Internal Inherent Protection- One Protector	F

## Typical Electrical Codes

60Hz	50 Hz	Code
115-1		A
230-1	200/240-1	B **/**
208/230-3	200/230-3	C
---	230-1	G
208/230-1	200/230-1	I
208/230-1	200-1	V *
---	220/240-1	Z
220-1	---	3

\* Note: When both 60HZ and 50HZ are listed, the 60HZ is primary. The 50HZ values are typical and may or may not apply. There may also be slight variations in voltages for 50HZ.

\*\* Voltage available varies by model.

H - Hood

# Welded Condensing Unit Product Line Nomenclature Legacy

## Refrigerant

J/4 = R404A/507/407C\*  
 T/2 = R134a  
 B = R12  
 C/3/M/9 = R22  
 F = Multiple  
 G = R22/407C  
 N = R134a/404A/22  
 P = R134a/404A  
 U = R290  
 6 = R404A/R448A/R449A  
 7 = R134a/R450A/R513A  
 8 = R404A/22

\* only on some models

## Temperature Application

H = High Temperature  
 M = Medium Temperature  
 L = Low Temperature  
 F = Extended Medium Temp.  
 E = Extended Low Temp  
 R/K = Medium/High Temp  
 S/N/P = Multiple

## Compressor Motor Type

<u>Single Phase</u>	<u>Code</u>
Capacitor Run- Capacitor Start	C
Induction Run- Capacitor Start	I
Induction Run- Split Phase	S
Capacitor Run-Permanent Split Capacitor	P
<u>Three Phase Motors</u>	
General	T
3 Lead Single Voltage	

## Bill of Material

001 thru 099 – Intended for UL Listing and CUL Certified.

100 thru 299 – Intended for UL Recognition and CUL Certified

300 thru 399 – Not Eligible for either UL Listing, UL Recognition or CUL Certified.

## Condensing Unit Family Series

F = Scroll  
 M = Hermetic  
 X = Outdoor Scroll

## Model Variation

Z = Scroll Compressor  
 D = Digital Scroll

X
X
X
X
-
XXXX
-
X
X
X
-
XXX

## Type of Design

A/F = Air Cooled Steel Base  
 C = Custom Base  
 N = No condenser  
 S = Special Base  
 W = Water Cooled Steel Base

B = Air Cooled Copevap Base – 24x16.1  
 E = Air Cooled Copevap Base – 16x15.1  
 P = Air Cooled Copevap Base – 11x20  
 T = Narrow Air Cooled Copevap Base – 8.25x19

H = Narrow Metal – 16.8x6.9  
 G = Air Cooled Steel – 17.4x12.1  
 J = Air Cooled Steel – 13.6x10.8  
 K = Air Cooled Steel – 24x16.1  
 R = Air Cooled Steel – 19.5x26.75  
 Q = Air Cooled Steel – 15x10.8  
 Z = Air Cooled Steel – 16.0x12.1

- Standard Unit  
 C – Evac and Charge

## Nominal HP

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 January 21, 2020  
 ESC101194.000  
 Cope

## Compressor Motor Protection

<u>Type Protection</u>	<u>Code</u>
External Inherent Protection- One Protector, (Line Break)	A
Internal Inherent Protection- One Protector	F
Internal Thermal Protectors-Electronic	S
Sensors: and Control Module External	

H - Hood

## Typical Electrical Codes

<u>60Hz</u>	<u>50 Hz</u>	<u>Code</u>
115-1		A
230-1	---	B
208/230-3	200/230-3	C
460-3	---	D
575-3	---	E
---	230-1	G
---	380/420-3	M
208/230-1	200-1	V
---	220-3	W
---	220/240-1	Z

Note: When applicable, specific 50 Hz ratings (not necessarily identical to typical shown above) will be shown as alternate on 60 Hz rated models.