

ARTISAN®
TECHNOLOGY GROUP

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Artisan Technology Group
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Condensing Unit Model Number Nomenclature

All Models Except M-Line

Design Series and Refrigerant

Letters (Except K,L,M)	R-12
K, L	R-22 LT
M	R-22 LT Discus
Numbers (Except 6 & 7)	R-22/R-502
6, 7	R-12/R-502
X, 9	Special Designs

(Different series type may indicate a major design revision.)

New HFC Refrigerant Indicator

Pressure Rating / Approved Refrigerants	Standard Models	Special Designs
Medium	T	R
High and Medium	P	N
High	J	E

Compressor Motor Type

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

Bill of Material Product Variations

Variation (B/M) Number	UL/CSA Eligibility
001 thru 099	Intended for UL Listing and CSA Certified.
100 thru 299	Intended for UL Recognition and CSA Certified.
300 thru 399	Not Eligible for either UL Listing, UL Recognition, or CSA Certified.

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Condensing Unit Family Series

Type of Design

Type	Code
Air Cooled	A
No condenser	N
Water Cooled	W
Evaporating Pan Base	E
Discus	D

Application Temperature*

Temperature Range	Code
High Temperature 45°F Max,; 0°F Min.	H
Medium Temperature 25°F Max.; -5°F Min.	M
Medium Temperature 25°F Max.; -25°F Min.	F
Low Temperature 0°F Max.; -40°F Min.	L
Extra Low Temperature -20°F Max.; -40°F Min.	E
Two Stage 0°F Max.; -40°F Min.	T
Two Stage (Extra Low) -30°F Max.; -80°F Min.	U
Commercial Application High & Med. Temperature Single Refrigerant	C
Dual Application R-22 HT, R-502 MT	D
Multiple Application R-12 H/MT, R-502 LT	B

*NOTE: Limited or extended range will be shown in performance data tables.

Typical Motor Rating

Nominal (HP)	Code
1/4	0025
1/3	0033
1/2	0050
3/4	0075
1	0100
1-1/2	0150
2	0200
2-1/2	0250
3	0300
3-1/2	0350
4	0400
5	0500
6	0600
7-1/2	0750
9	0900
10	1000
15	1500
20	2000
22	2200
25	2500
27	2700
30	3000
40	4000
50	5000
60	6000
70	7000
80	8000

NOTE: Left hand position may contain a letter indicating a revision (on units less than 10 HP).

Right hand position may contain the letter "Z" indicating a Glacier™ Scroll compressor.

Compressor Motor Protection

Type Protection	Code
External Inherent Protection— One Protector, (Line Break) Use with Contactor (single or three phase)	A
Internal Inherent Protection— One Protector, Use with Contactor. (single or three phase)	F
Internal Thermostat(s); and External Supplementary Protector(s). (Two for 3Ø, one for 1Ø.) Use with Contactor.	H
Internal Thermostat(s); and **Three** External Supplementary Protectors. Use with Contactor.	L
Internal Thermal Protectors—Electronic Sensors; and Control Module External. Use with contactor.	S
Internal Thermal Protectors—Electronic sensors; and control module external. Use with contactor. (For European use only).	W

Typical Electrical Codes

60 Hz.	50 Hz.	Code
115-1	100-1	A
230-1	200-1	B
208/230-3	200/220-3	C
460-3	380/400-3	D
575-3	500-3	E
-	115-1	F
-	230-1	G
208-1	200-1	H
-	208/230-1	I
265-1	220/240-1	J
208/230/460-3	200/400-3	K
–	210/240/380-3	L
-	380/420-3	M
230/460-3	200/400-3	N
All D.C. Ratings		O
-	200/380-3	P
-	200/240-3	R
-	220-1	S
-	200-1	T
200-3	-	U
208/230-1	200-1	V
-	200/220-3	W
Misc. A.C. Ratings		X
-	500-3	Y
-	220/240-1	Z
200-1	200-1	3
100-1	100-1	4
200/230-3	-	5
230-3	-	6

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

Copeland

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