

CARLYLE REFRIGERATION COMPRESSORS

GUIDE TO 06D PART NUMBERING SYSTEM:

MODEL	0	6	D	A	3	1	6	0	0	A	3	2	0	0
VARIABLE DIGIT	1	2	3	4	5	6	7	8	9	10	11	12	13	14

1ST, 2ND, 3RD DIGITS
SIGNIFY 06D HERMETIC
RECIP. COMPRESSOR

4TH DIGIT UNLOADER VARIABLE				DESCRIPTION	
L	S	T	B		
E	E	A	O		
T	R	R	T		
R	V	D	H		
	I				
	C				
A	X			NO HOT GAS BY-PASS UNLOADERS	
B	X			ELECTRIC UNLOADERS	1 STEP
C	X				2 STEP
D	X			PRESSURE UNLOADERS	1 STEP
E	X				2 STEP
F	X			SUCTION CUT-OFF	1 STEP
G	X			ELECTRIC UNLOADERS	2 STEP
M			X	MED. TEMPERATURE, REPLACES ALL "A's" IN SERVICE	
N			X	2 SHAVED HDS. - SPECIAL ORDER	
R			X	REFRIGERATION	
W		X		A/C - 2 PLUGGED HDS. REPLACES ALL C&E SERVICE SPEC. ORDERS	
X		X		1 PLUGGED HEAD - REPLACES ALL B, C, D & E PROD. MODELS IN SERVICE	
Y		X		REFR. - 2 PLUGGED HDS. SERVICE SPEC. ORDER	
S		X		HI-EFF SERVICE MOD. w/ BLOCKED UNLD'R HD - REPLACES F, G, H & J	
H	X			SUCTION CUT-OFF PRES-	1 STEP
J	X			SURE UNLOADERS!	2 STEP

5TH DIGIT	MOTOR SIZES		
VARIABLE	2 CYL	4 CYL	6 CYL
0		3 HP	
1	2 HP		5 HP
2			24 LBFT
3		5 HP	27 LBFT
4	3 1/2 HP		
5		5 1/2 HP	38 LBFT
6			
7		5 HP	20 LBFT
8	3 HP	20 LBFT	24 LBFT
9			

6TH & 7TH DIGITS	CRANKCASE ASSEMBLY NO.	CYL BORE
CFM		
07	6D20-249	1 13/16
08	6D23-249	2
09	6D23-249	2
13	6D48-249	2
16	6D48-249	2
18	6D48-249	2
20	6D48-249	2
24	6D68-259	2
28	6D75-249	2
37	6D75-249	2

8TH DIGIT	KEY NO. SIGNIFICANCE
0	PROD. MOD. W/T-BOX
1	PKG. CPRSR. & CONTROL BOX
2	OEM A/C CPRSR.
3	TYLER MODELS
4	TECUMSEH OEM MODELS
5	FUTURE USE
6	REMAN. SERVICE CPRSR.
7	NEWMAN SERVICE GPRSR.
8	SPECIAL ORDER ONLY
9	SERV. SPEC. OR SEE NOTE 1

NOTES:

- SPECIAL ORDER SERVICE COMPRESSORS FOR BRYANT MAY BE PROCESSED AS "9" NAMEPLATED "6" (8TH DIGIT).
- SERVICE MODELS WITH "C" IN THE 10TH DIGIT REPLACE ALL "A", "C" AND "E" ORIGINAL EQUIPMENT MODELS AND "D" SERVICE MODELS REPLACE "8" & "F" MODELS. TERMINAL BOXES AND OVERLOADS ARE TO BE RE-USED OR REPLACED IF DAMAGED.
- "09" IN THE 11TH & 12TH DIGITS HAS BEEN USED IN THE PAST FOR 400-3-50 MOTORS AND IS NO LONGER USED, SO AS TO AVOID CONFUSION IN SERVICE THESE DIGITS ARE TO BE LEFT ON THIS CHART BUT ARE NOT TO BE RE-USED.

13TH DIGIT	FUTURE DESIGN VARIABLES
0	ORIGINAL DESIGN A/C & REFRIG.
1	2ND GENERATION REFRIG. CPRSR. W/NEW VALVE PLATE
2	MED. RANGE A/C CPRSR. WITH REFRIG. CHARACTERISTICS
3	LOW CLEARANCE VOLUME
4	SUCTION CUT-OFF ELECTRIC UNLOADERS 1 STEP
5	OILLESS
6	
7	

14TH DIGIT	PACKAGING VARIATIONS
0	SERVICE UNIT SINGLE PACK - BASE UNIT UNPACKAGES
1	SINGLE PACK - DOMESTIC LESS SERVICE VALVE
2	MULTI-PACK - DOMESTIC
3	EXPORT - I UNIT
4	MULTI-PACK
5	PALLETIZED
6	GOVERNMENT PACK
7	SINGLE PACK - DOMESTIC WITH SERVICE VALVE
8	MATCHED COMPONENTS - CONSISTS OF SEPARATE EXPORT PACKAGE PIECES
9	DOMESTIC MULTI-PACK & MCMINNVILLE

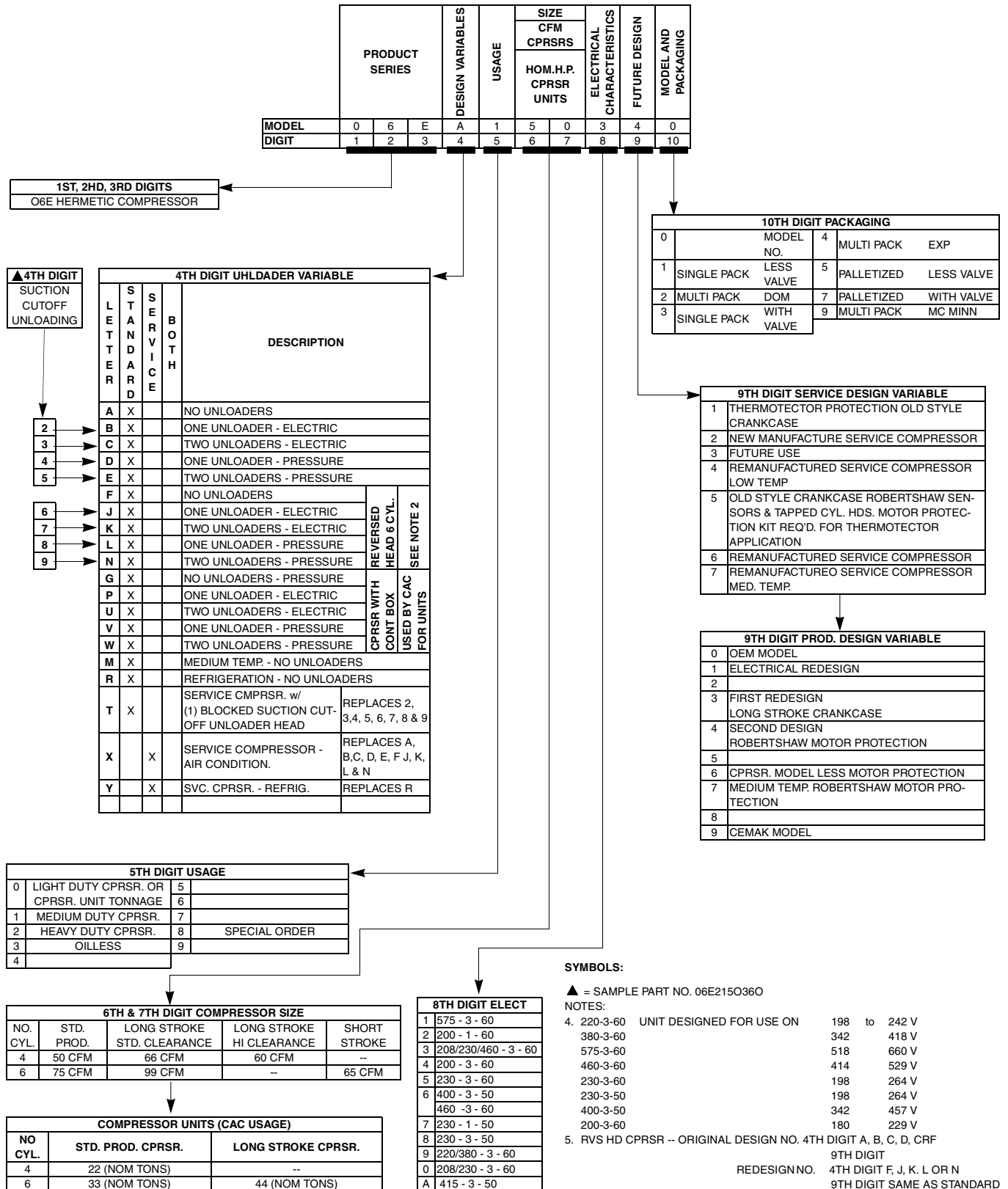
10TH DIGIT	OVERLOAD & T' STAT. VARIABLE SEE NOTE 2		
	EXTL. OVLDS.	INTL. T' RAT.	DESCRIPTION
A	YES	YES	
B	YES	NO	
C	NO	YES	
D	NO	NO	
E	YES	YES	1ST OVERLOAD VARIATION
F	YES	NO	1ST OVERLOAD VARIATION
G	YES	YES	MANUAL RESET OVERLOADS
T	NO	YES	TECUMSEH SERVICE MODELS

11TH & 12TH DIGITS	ELECTRICAL CHARACTERISTICS VOLTS-PHASE-HERTZ	START
00		XL
01	575 - 3 - 60	XL
02	200 - 1 - 60	XL
03	230 - 1 - 60	XL
04	200 - 3 - 60	XL
05	230 - 3 - 60	XL
06	400/460 - 3 - 50/60	XL
07	230 - 1 - 50	XL
08	220 - 3 - 50	XL
09	SEE NOTE 3	XL
10	230 - 2 - 60	XL
11	480 - 3 - 60	XL
12	208/230 - 3 - 60	XL
13	380 - 3 - 60	XL
14	200 - 3 - 60	P/W
15	230 - 3 - 60	P/W
18	220 - 3 - 50	P/W
19	230/460 - 3 - 60	XL
21	575 - 3 - 60	XL
26	400/460 - 3 - 50/60	XL
31	575 - 3 - 60	XL
32	208/230 - 3 - 60	XL
36	400/460 - 3 - 50/60	XL
38	415 - 3 - 50	P/W
39	415 - 3 - 50	XL
33	208/230 - 1 - 60	XL
34	220 - 3 - 50	XL

9TH DIGIT SUCTION SERVICE VALVE VARIABLES			
DIGIT	LOC. OF VALVE	M.E. COV. DESC.	VALVE ORIENTATION
A	MOTOR END	2 BOLT	30°
B	MOTOR END	4 BOLT	30°
C	MOTOR END	2 BOLT	90°
D	MOTOR END	4 BOLT	90° OR 180°
E	MOTOR END	2 BOLT	150°
F	PUMP END	PLAIN	270°
G	PUMP END	PLAIN	225°

CARLYLE REFRIGERATION COMPRESSORS

GUIDE TO 06E PART NUMBERING SYSTEM:



COPELAND AFTERMARKET REFRIGERATION COMPRESSORS (cont)

60 Hertz				Nominal Performance Conditions (°F): Evap/Cond/Return Gas/Liquid/Ambient								Amperage Ratings*		
R-22 High Temp.				45/130/65/95 °F				20/120/65/120/95 °F						
Copeland P/N	HP	Volt/Phase	CFM	BTUH	WATTS	AMPS	EER	BTUH	WATTS	AMPS	EER	RLA	LRA	MCC
JRF4-0050-IAA-958	0.5	115-1	113	7,360	1090	13	6.8	4320	850	11.6	5.1	13.6	71	19
JRF4-0050-IAV-958	0.5	208/230-1	113	7,360	1090	7	6.8	4320	850	5.8	5.1	6.4	34	9
RRGA-0100-PAA-950	1	115-1	161	10,800	1390	12.6	7.8	6170	1050	9.8	5.9	13.2	60	18.5
RRGA-0100-PAV-950	1	208/230-1	161	10,800	1390	6.3	7.8	6170	1050	4.9	5.9	6	33.5	8.4
CRA1-0150-PFV-970	1.5	208/230-1	242.5	16,960	1870	8.3	9.1	9430	1430	6	6.6	10.8	48	15.1
CRA1-0150-TF5-970	1.5	208/230-1	242.5	17,190	1810	5.8	9.5	9690	1350	5	7.2	9.3	58	13
CRA1-0150-TFC-970	1.5	208/230-1	242.5	17,190	1810	2.9	9.5	9690	1350	3	7.2	4.1	17.4	5.7
REK3-0125-PFV-959	1.25	115-1	174.7	12,500	1440	6	8.7	7090	1110	5.1	6.4	7	34.2	9.8
REK3-0125-TFC-959	1.25	208/230-1	174.7	12,400	1370	3.8	9.1	7370	1020	3.1	7.2	4.7	31	6.6
RSE4-0075-IAA-958	0.75	115-1	135	8,620	1250	15.2	6.9	5060	940	13.2	5.4	14.3	66.3	20
RSE4-0075-IAV-958	0.75	208/230-1	135	8,620	1250	15.2	6.9	5060	940	6.6	5.4	7.1	35.5	10
R-22 Medium Temp.				20/120/40/120/95 °F				0/110/40/110/95 °F						
Copeland P/N	HP	Volt / Phase	CFM	BTUH	WATTS	AMPS	EER	BTUH	WATTS	AMPS	EER	RLA	LRA	MCC
RSE4-0075-IAA-958	0.75	115-1	135.3	4770	930	6.5	5.1	2630	690	5.8	3.8	14.3	66.3	20
RSE4-0075-IAV-958	0.75	208/230-1	135.3	4770	930	3.3	5.1	2630	690	2.9	3.8	7.1	35.5	10
RSN6-0075-IAA-958	0.75	115-1	162.4	6200	1190	15	5.2	3680	870	13	4.2	14.3	66.3	20
RSN6-0075-IAV-958	0.75	208/230-1	162.4	6200	1190	7.5	5.2	3680	870	6.5	4.2	6.9	45	9.6
RSL2-0101-CAA-959	1	115-1	244.5	9620	1760	18.2	5.5	5500	1300	14.8	4.2	18	78	25.2
RSL2-0101-CAV-959	1	208/230-1	244.5	9620	1760	9.1	5.5	5500	1300	7.4	4.2	10.4	51	14.4

Nomenclature

