

MODEL	C	R	H	R	-	400	B	2	A0	0	0	R	1	A	1	A	1
DIGIT	1	2	3	4	-	5,6 & 7	8	9	10 & 11	12	13	14	15	16	17	18	19

DIGIT 1 UNIT TYPE  
COMPRESSOR

DIGIT 2 COMPRESSOR TYPE  
R = RECIPROCATING

DIGIT 3 MOTOR TYPE  
H = HERMETIC, INTERNAL DRIVE  
O = OPEN EXTERNAL DRIVE

DIGIT 4 COMPRESSOR MODEL  
K = MODEL K COMPRESSOR  
M = MODEL M COMPRESSOR  
R = MODEL R COMPRESSOR  
A = MODEL A COMPRESSOR  
B = MODEL B COMPRESSOR  
F = MODEL F COMPRESSOR  
E = MODEL E COMPRESSOR  
H = MODEL H COMPRESSOR  
L = MODEL L COMPRESSOR

DIGIT 19 SEAL TYPE  
1 (OLD) = OLD STYLE (MODEL E OPEN ONLY)  
2 (NEW) = NEW STYLE (MODEL E OPEN ONLY)  
0 (NSEL) = NO SELECTION AVAILABLE

DIGIT 18 SIGHT GLASS  
A (SCREW) = SCREW IN  
B (BOLT) = BOLT ON  
C (NSEL) = NO SELECTION AVAILABLE  
D (SML) = SMALL 3/4" MPT (MODEL K)  
E (LRGE) = LARGE 1" MPT (MODEL K)

DIGIT 17 VALVE CAGE OR PLATE  
1 (OLDC) = OLD STYLE VALVE CAGE (MODEL E & F)  
2 (NEWU) = NEW STYLE VALVE CAGE (MODEL E & F)  
3 (OLDR) = OLD STYLE VALVE PLATE (MODEL M)  
4 (NEWP) = NEW STYLE VALVE PLATE (MODEL M)  
0 (NSEL) = NO SELECTION AVAILABLE

DIGIT 16 HOUSING  
A = OLD STYLE (E OPEN)  
B = NEW STYLE (E OPEN)  
C = OLD STYLE, LARGE BARREL MOTOR (E HERMETIC)  
D = NEW STYLE, LARGE BARREL MOTOR (E HERMETIC)  
E = NEW STYLE, SMALL BARREL MOTOR (E HERMETIC)  
F = OLD STYLE, LARGE BARREL MOTOR (F HERMETIC)  
G = NEW STYLE, SMALL BARREL MOTOR (F HERMETIC)  
H = OLD STYLE (MODEL R)  
J = NEW STYLE (MODEL R)  
K = NO SELECTION AVAILABLE  
L = OLD STYLE (F OPEN 3 CYLINDER)  
M = NEW STYLE (F OPEN 3 CYLINDER)

DIGIT 15 CRANKSHAFT  
1 (STD) = STANDARD SIZE  
2 (UNDR) = 020 UNDERSIZE  
3 (NSEL) = NO SELECTION AVAILABLE

DIGIT 14  
R = REMANUFACTURED

DIGIT 13 BASIC COMPRESSOR VARIATION  
0 = STANDARD COMPRESSOR (TOP LOCATION MODEL M ONLY)  
1 = 100% UNLOADED START E & F MODELS ONLY  
2 = STANDARD COMPRESSOR RIGHT HAND, A, B, E & F MODELS  
3 = 100% UNLOADED START RIGHT HAND, E & F MODELS  
4 = SIDE JUNCTION BOX LOCATION (MODEL M & R 4 CYLINDER)  
S = SPECIAL

DIGIT 12 UNLOADER CONTROL AND UNLOADING METHOD  
0 = NO UNLOADING  
A = 115 VAC, ELEC. MODELS E, F, K, R  
B = 230 VAC, ELEC. MODELS E, F, K, R  
C = 12 VDC, ELEC. MODELS E, F, K, R  
E = 32 VDC, ELEC. MODELS E, F, K, R  
F = 64 VDC, ELEC. MODELS E, F, K, R  
G = 187 VDC, ELEC. MODELS E, F, K, R  
H = 24 VAC, ELEC. MODELS E, F, K, R  
R = REMOTE ELECTRIC, COMPRESSOR HAND HOLE COVER ONLY, MODELS E & F ONLY  
P = SUCTION PRESSURE UNLOADING, MODELS E & F ONLY  
S = SPECIAL

DIGITS 10 AND 11 DESIGN SEQUENCE  
A0 = DESIGN SEQUENCE

DIGIT 9 NUMBER OF CYLINDERS THAT UNLOAD (AT CAPACITY)  
0 = NO UNLOADING  
2 = 2 CYLINDERS  
3 = 3 CYLINDERS  
4 = 4 CYLINDERS  
5 = 5 CYLINDERS  
6 = 6 CYLINDERS

DIGITS 5, 6, & 7  
NOMINAL COMPRESSOR SIZE SUCTION VALVE LIFT  
REFRIGERANT COMPATIBILITY

COMP. MODEL	SIZE	TONS	REFRIGERANT	CU. IN. PER REV.	NO. CYL.	SPECIAL FEATURE
A	400	40	R-22	92.3	4	
	600	60	R-22	138.5	6	
	750	75	R-22	184.7	8	
	250	25	R-12	92.3	4	
	350	40	R-12	138.5	6	
500	50	R-12	184.7	8		
B	150	15	R-22	39.7	4	
	250	25	R-22	59.6	6	
	300	30	R-22	79.6	8	
	100	10	R-12	39.7	4	
	140	15	R-12	59.6	6	
200	20	R-12	79.6	8		
E	500	50	R-22	115.5	4	STD. LIFT VALVES
	600	60	R-22	144.5	5	STD. LIFT VALVES
	750	75	R-22	173.3	6	STD. LIFT VALVES
	100	100	R-22	231	8	STD. LIFT VALVES
	501	50	R-22	115.5	4	LOW LIFT VALVES
	601	60	R-22	144.5	5	LOW LIFT VALVES
	751	75	R-22	173.3	6	LOW LIFT VALVES
101	100	R-22	231	8	LOW LIFT VALVES	
F	150	15	R-22	35.6	3	STD. LIFT VALVES
	200	20	R-22	47.5	4	STD. LIFT VALVES
	250	25	R-22	59.4	5	STD. LIFT VALVES
	300	30	R-22	71.4	6	STD. LIFT VALVES
	400	40	R-22	95.0	8	STD. LIFT VALVES
	151	15	R-22	35.6	3	LOW LIFT VALVES
	201	20	R-22	47.5	4	LOW LIFT VALVES
	251	25	R-22	59.4	5	LOW LIFT VALVES
	301	30	R-22	71.4	6	LOW LIFT VALVES
	401	40	R-22	95.0	8	LOW LIFT VALVES
	100	10	R-12	35.6	3	STD. LIFT VALVES
	130	12.5	R-12	47.5	4	STD. LIFT VALVES
	160	16	R-12	59.4	5	STD. LIFT VALVES
	190	19	R-12	71.4	6	STD. LIFT VALVES
	260	25	R-12	95.0	8	STD. LIFT VALVES
101	10	R-12	35.0	3	LOW LIFT VALVES	
131	12.5	R-12	47.5	4	LOW LIFT VALVES	
161	15	R-12	59.4	5	LOW LIFT VALVES	
191	20	R-12	71.4	6	LOW LIFT VALVES	
261	25	R-12	95.0	8	LOW LIFT VALVES	
M	150	15	R-22 / R-502	38.8	3	
	160	16	R-22 / R-502	43.2	4	
	200	20	R-22 / R-502	51.7	4	
	250	25	R-22 / R-502	64.6	6	
	300	30	R-22 / R-502	77.5	6	
	100	10	R-12	38.8	3	
	130	13	R-12	51.7	4	
170	17	R-12	64.6	6		
190	19	R-12	77.5	6		
R	350	35	R-22 / R-502	85.46	4	STD. LIFT VALVES
	400	40	R-22 / R-502	102.8	4	STD. LIFT VALVES
	500	50	R-22 / R-502	128.19	6	STD. LIFT VALVES
	600	60	R-22 / R-502	153.12	6	STD. LIFT VALVES
	351	35	R-22 / R-502	85.46	4	LOW LIFT VALVES
	401	40	R-22 / R-502	102.8	4	LOW LIFT VALVES
	501	50	R-22 / R-502	128.19	6	LOW LIFT VALVES
601	60	R-22 / R-502	153.12	6	LOW LIFT VALVES	
K	200	20	R-22	50.61	4	
	250	25	R-22	64.5	6	
	300	30	R-22	75.91	6	

DIGIT 8 MOTOR VOLTAGE AND FREQUENCY					
A	200-60-3	K	400-50-3/460-60-3	V	346-50-3
B	230/460-60-3	L	208-50/60-3	W	230-60-3
C	460-60-3	M	230-50/60-3	X	380-60-3
D	575-60-3	N	115-60-3	Y	200-50-3
E	200/400/50-3	O	OPEN	Z	363-50-3
F	220-50-3	P	208-400-3		
G	400-50-3	Q	200-50-3/230-60-3		
H	208/230-60-1	R	208-60-3		
J	200/230-60-3	S	SPECIAL		
	200/220-50-3	U	200-50/60-3		