

MODEL	C	R	H	R	-	400	K	-	4	R	A	0
DIGIT	1	2	3	4	-	5,6 & 7	8	-	9	10	11	12

POSITIVE DISPLACEMENT REFRIGERANT COMPRESSOR

R = RECIPROCATING
S = SCROLL
H = HELICAL ROTARY

H = HERMETIC INTERNAL MOTOR
O = OPEN EXTERNAL DRIVE

COMPRESSOR MODEL AND DEVELOPMENT SEQUENCE	
E	= 1750 RPM HORIZONTAL SERVICEABLE, CAST IRON
F	= 1750 RPM HORIZONTAL SERVICEABLE, CAST IRON
M	= 1750 RPM HORIZONTAL SERVICEABLE, CAST IRON
R	= 1750 RPM HORIZONTAL SERVICEABLE, CAST IRON
K	= 1750 RPM VERTICAL WELDED STEEL SHELL

BASIC COMPRESSOR VARIATION

0 = STANDARD COMPRESSOR
1 = 100% UNLOADED START E & F MODELS ONLY
2 = STANDARD COMPRESSOR RIGHT HAND, E & F MODELS
3 = 100% UNLOADED START RIGHT HAND, E & F MODELS
4 = SIDE JUNCTION BOX LOCATION 4 CYL. R MODELS ONLY

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
U = 2 SPEED MOTOR, MODEL S ONLY
S = SPECIAL

DESIGN SEQUENCE FACTORY ASSIGNED DIGIT

REMANUFACTURED COMPRESSORS WILL HAVE A 'R' AS THE 10TH DIGIT

COMPRESSOR UNLOADING NUMBER OF CYLINDERS THAT UNLOAD

0 = NO UNLOADING
1 = MODELS E, F, K, R
2 = MODELS E, F, K, R
3 = MODELS E, F, K, R
4 = MODELS E, F, K, R
5 = MODELS E, F
6 = MODELS E, F

NOMINAL COMPRESSOR SIZE SUCTION VALVE LIFT REFRIGERANT COMPATIBILITY					
COMP. MODEL	SIZE	REFRIGERANT	CU. IN. PER REV.	NO. CYL.	SPECIAL FEATURE
E	500	R-22	115.5	4	STD. LIFT VALVES
	600	R-22	144.5	5	STD. LIFT VALVES
	750	R-22	173.3	6	STD. LIFT VALVES
	100	R-22	231	8	STD. LIFT VALVES
	501	R-22	115.5	4	LOW LIFT VALVES
	601	R-22	144.5	5	LOW LIFT VALVES
	751	R-22	173.3	6	LOW LIFT VALVES
F	1C1	R-22	231	8	LOW LIFT VALVES
	150	R-22	35.6	3	STD. LIFT VALVES
	200	R-22	47.5	4	STD. LIFT VALVES
	250	R-22	59.4	5	STD. LIFT VALVES
	300	R-22	71.4	6	STD. LIFT VALVES
	400	R-22	95.0	8	STD. LIFT VALVES
	151	R-22	35.6	3	LOW LIFT VALVES
	201	R-22	47.5	4	LOW LIFT VALVES
	251	R-22	59.4	5	LOW LIFT VALVES
	301	R-22	71.4	6	LOW LIFT VALVES
	401	R-22	95.0	8	LOW LIFT VALVES
	100	R-12	35.6	3	STD. LIFT VALVES
	130	R-12	47.5	4	STD. LIFT VALVES
	160	R-12	59.4	5	STD. LIFT VALVES
	190	R-12	71.4	6	STD. LIFT VALVES
	260	R-12	95.0	8	STD. LIFT VALVES
	101	R-12	35.0	3	LOW LIFT VALVES
131	R-12	47.5	4	LOW LIFT VALVES	
161	R-12	59.4	5	LOW LIFT VALVES	
191	R-12	71.4	6	LOW LIFT VALVES	
261	R-12	95.0	8	LOW LIFT VALVES	
M	150	R-22 / R-502	38.8	3	
	160	R-22 / R-502	43.2	4	
	200	R-22 / R-502	51.7	4	
	250	R-22 / R-502	64.6	6	
	300	R-22 / R-502	77.5	6	
	100	R-12	38.8	3	
	130	R-12	51.7	4	
170	R-12	64.6	6		
190	R-12	77.5	6		
R	350	R-22 / R-502	85.46	4	STD. LIFT VALVES
	400	R-22 / R-502	102.8	4	STD. LIFT VALVES
	500	R-22 / R-502	128.19	6	STD. LIFT VALVES
	600	R-22 / R-502	153.12	6	STD. LIFT VALVES
	351	R-22 / R-502	85.46	4	LOW LIFT VALVES
	401	R-22 / R-502	102.8	4	LOW LIFT VALVES
	501	R-22 / R-502	128.19	6	LOW LIFT VALVES
601	R-22 / R-502	153.12	6	LOW LIFT VALVES	
K	200	R-22	50.61	4	
	250	R-22	64.5	6	
	300	R-22	75.91	6	

COMPRESSOR MOTOR FREQUENCY AND VOLTAGE			
CODE	NOMINAL	MIN. VOLTS	MAX. VOLTS
A	200-60-3	180	220
B	230/460-60-3	207/414	254/506
C	460-60-3	414	508
D	575-60-3	518	635
E	200/400/50-3	180/343	220/456
F	220-50-3	198	254 (242 ON E MODEL)
G	400-50-3	343	456
H	208/230-60-1	197	254
J	200/230-60-3	180	254
	200/220-50-3	180	254
K	400-50-3/460-60-3	340/414	460/508
L	208-50/60-3	198	229
M	230-50/60-3	215	254
N	115-60-3	109	128
O	OPEN		
P	208-400-3	198	229
Q	200-50-3/230-60-3	180/207	220/254
R	208-60-3	187	254
S	SPECIAL		
U	200-50/60-3	180	220
V	346-50-3	308	381
W	230-60-3	208	254
X	380-60-3	342	418
Y	200-50-3	180	220
Z	363-50-3	327	399