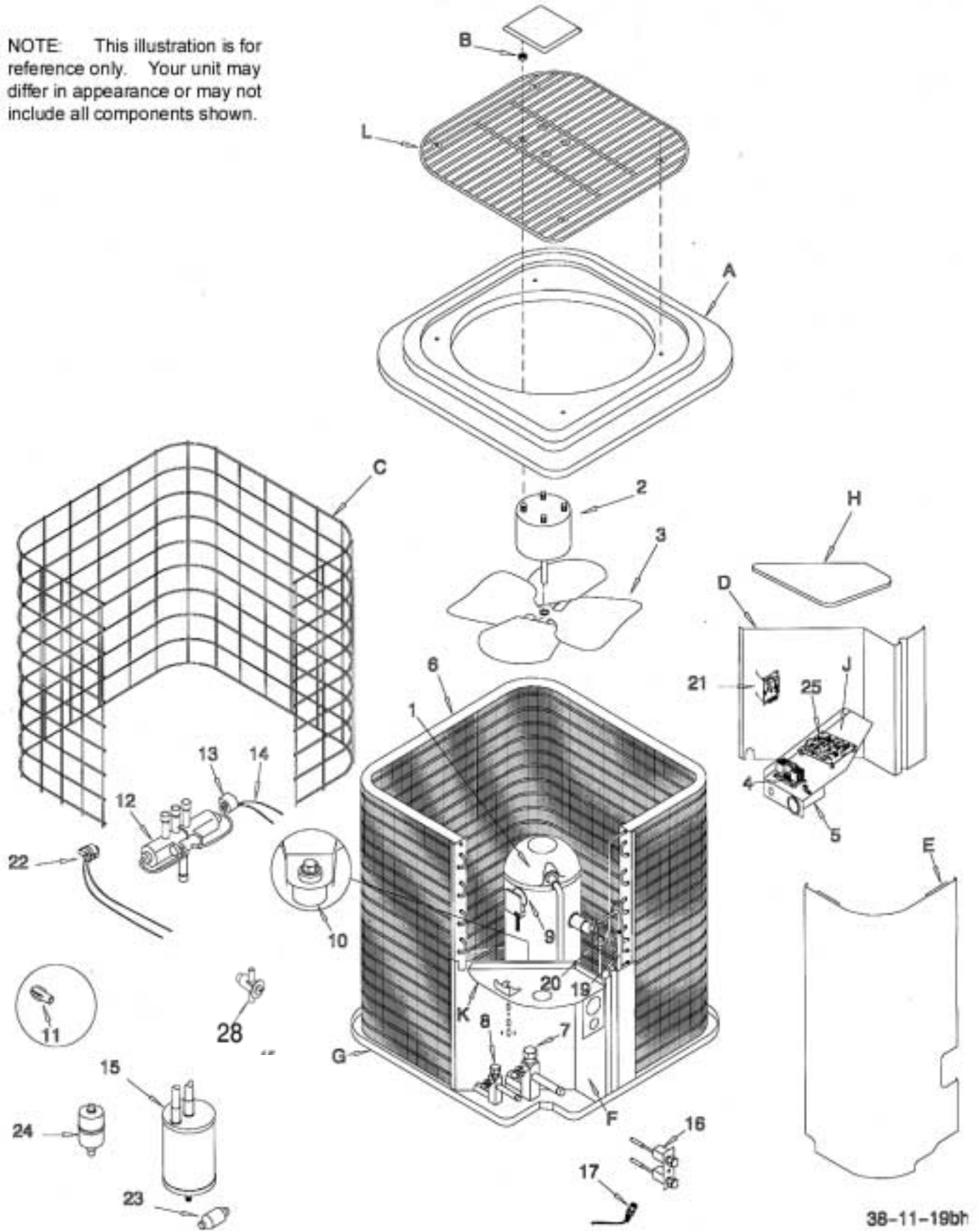


Replacement Parts - CHP218-260 AKC Series

NOTE: This illustration is for reference only. Your unit may differ in appearance or may not include all components shown.



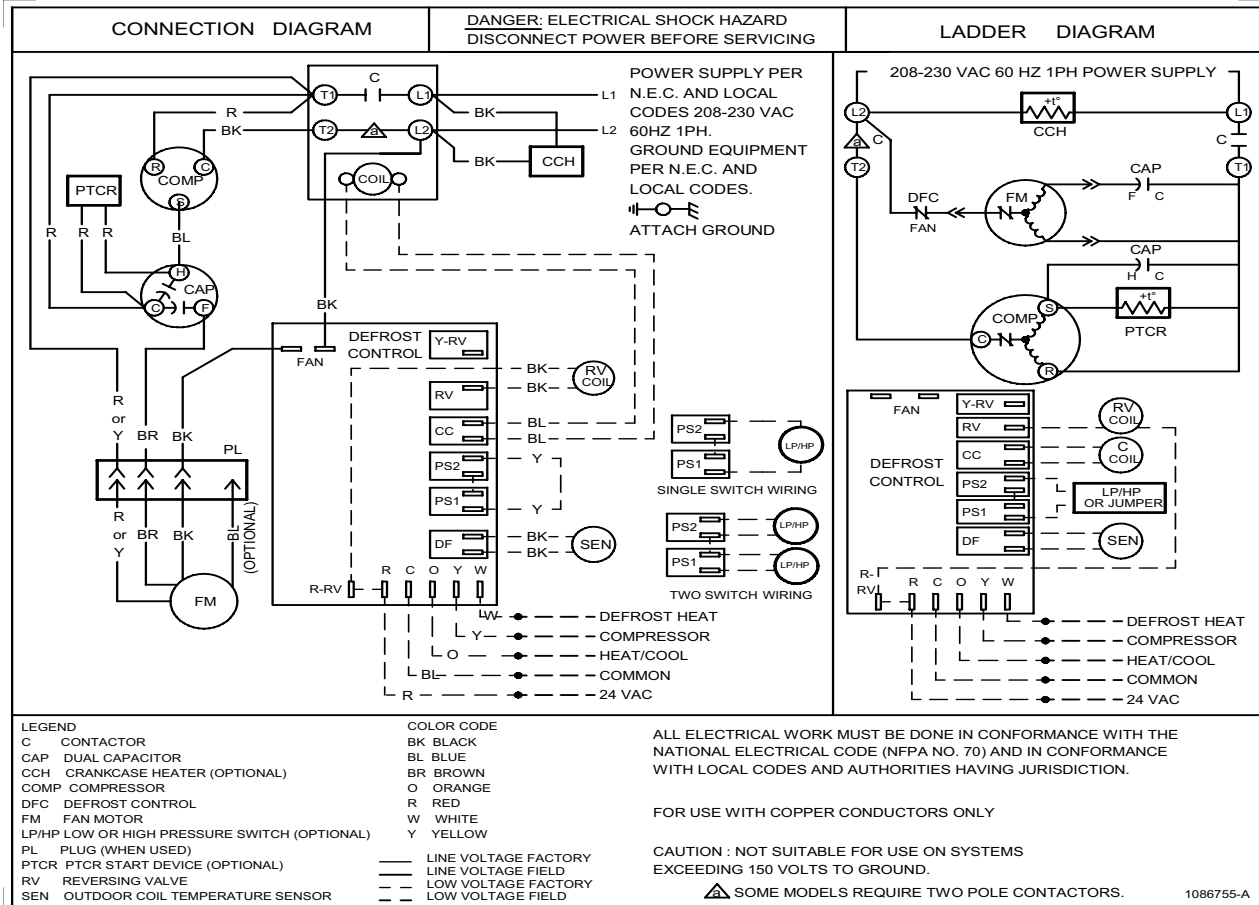
Wiring and Charging Labels - CHP218-260 AKC Series

KEY NO.	DESCRIPTION	PART NUMBER	CHP218AKC1	CHP218GKC1	CHP224AKC1	CHP224GKC1	CHP230AKC1	CHP230GKC1	CHP236AKC1	CHP236GKC1	CHP242AKC1	CHP242GKC1	CHP248AKC1	CHP248GKC1	CHP260AKC1	CHP260GKC1
1	Compressor	ZR16K4PFV130	1	1												
1		ZR22K4PFV130	-	-	1	1										
1		ZR28K3PFV130	-	-	-	-	1	1								
1		ZR34K3PFV130	-	-	-	-	-	-	1	1						
1		ZR40K3PFV130	-	-	-	-	-	-	-	-	1	1				
1		ZR47K3PFV135	-	-	-	-	-	-	-	-	-	-	1	1		
1		ZR57K3PFV130	-	-	-	-	-	-	-	-	-	-	-	-	1	1
2	Motor, Condenser Fan	1086598	1	1	1	1	1	1								
2		1085926	-	-	-	-	-	-	1	1						
2		1086397	-	-	-	-	-	-	-	-	1	1	1	1	1	1
3	Fan Blade	1087751	1	1	1	1	1	1								
3		1086516	-	-	-	-	-	-	1	1						
3		1086519	-	-	-	-	-	-	-	-	1	1	1	1		
3		1086520	-	-	-	-	-	-	-	-	-	-	-	-	1	1
4	Contactor, 25 Amp	1050699	1	1	1	1	1	1	1	1	1	1				
4	35 Amp	1050839	-	-	-	-	-	-	-	-	-	-	1	1		
4	40 Amp	1059574	-	-	-	-	-	-	-	-	-	-	-	-	1	1
5	Capacitor, 370 Volt. 3+30 Mfd	1086677	1	1												
5	370 Volt 3+35 Mfd	1086678	-	-	1	1										
5	370 Volt 3+45 Mfd	1086681	-	-	-	-	1	1								
5	370 Volt 5+50 Mfd	1086644	-	-	-	-	-	-	1	1						
5	370 Volt 7.5+55 Mfd	1086815	-	-	-	-	-	-	-	-	1	1				
5	440 Volt 7.5+60 Mfd	1086683	-	-	-	-	-	-	-	-	-	-	1	1		
5	370 Volt 7.5+80 Mfd	1086650	-	-	-	-	-	-	-	-	-	-	-	-	1	1
6	Condenser Coil	1088540	1	1												
6		1088581	-	-	1	1										
6		1088586	-	-	-	-	1	1								
6		1088548	-	-	-	-	-	-	1	1						
6		1088610	-	-	-	-	-	-	-	-	1	1				
6		1088623	-	-	-	-	-	-	-	-	-	-	1	1	1	1
7	Service Valve (Suction)	1085991	1	1	1	1	1	1	1	1						
7		1085988	-	-	-	-	-	-	-	-	1	1	1	1		
7		1086805	-	-	-	-	-	-	-	-	-	-	-	-	1	1
8	Service Valve (Liquid)	1085989	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	Plug, Compressor Harness	1083020	1	1	-	-	-	-	1	1						
9		1081939	-	-	1	1	1	1								
9		1081940	-	-	-	-	-	-	-	-	1	1	1	1	1	1
10	Grommet, Compressor	1052060	4	4	4	4	4	4	4	4	4	4	4	4	4	4
12	Valve, Reversing	34329020	1	1	1	1										
12		34329000	-	-	-	-	1	1	1	1						
12		34329002	-	-	-	-	-	-	-	-	1	1	1	1		
12		34329030	-	-	-	-	-	-	-	-	-	-	-	-	1	1
13	Coil, Reversing Valve	34329055	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	Harness, Reversing Valve Coil	1066711	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	Accumulator	1092835	1	1	1	1	1	1								
15		1172018	-	-	-	-	-	-	1	1						
15		1092904	-	-	-	-	-	-	-	-	1	1				
15		1061328	-	-	-	-	-	-	-	-	-	-	1	1	1	1
16	Port Valve Asy	1080998	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	Switch, Low Pressure	1081019	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	Distributor	1053086	1	1	-	-	1	1								
20		1053087	-	-	1	1										
20		1052793	-	-	-	-	-	-	1	1						
20		1087307	-	-	-	-	-	-	-	-	1	1				
20		1087553	-	-	-	-	-	-	-	-	-	-	1	1	1	1
21	Control, Defrost	1087952	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	Sensor, Defrost Control	1082738	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	Muffler	1059730	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	Drier	1064507	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	Valve, Expansion	1086997	1	1												
28		1081725	-	-	1	1										
28		1088746	-	-	-	-	1	1								
28		1088296	-	-	-	-	-	-	1	1						
28		1087157	-	-	-	-	-	-	-	-	1	1				
28		1088331	-	-	-	-	-	-	-	-	-	-	1	1	1	1

Replacement Parts - CHP218-260 AKC Series

KEY NO.	DESCRIPTION	PART NUMBER	CHP218AKC1	CHP218GKC1	CHP224AKC1	CHP224GKC1	CHP230AKC1	CHP230GKC1	CHP236AKC1	CHP236GKC1	CHP242AKC1	CHP242GKC1	CHP248AKC1	CHP248GKC1	CHP260AKC1	CHP260GKC1
A	Panel, Top	1085997	1	1	1	1	1	1	1	1						
A		1086061	-	-	-	-	-	-	-	-	1	1	1	1	1	1
B	Nut, Flanged	1086356	4	4	4	4	4	4	4	4	4	4	4	4	4	4
C	Grille, Inlet	1086283	1	-	-	-	1									
C		1086218	-	1	-	-	-	1								
C		1086285	-	-	1											
C		1086219	-	-	-	1										
C		1086296	-	-	-	-	-	-	1							
C		1086946	-	-	-	-	-	-	-	1						
C		1086288	-	-	-	-	-	-	-	-	1					
C		1087184	-	-	-	-	-	-	-	-	-	1				
C		1087093	-	-	-	-	-	-	-	-	-	-	1	-	1	
C		1087189	-	-	-	-	-	-	-	-	-	-	-	1	-	1
D	Box, Control	1087551	1	1	1	1	1	1	1	1	1	1	1	1	1	1
E	Cover, Control Box	1087541	1	1	1	1	1	1	1	1	1	1	1	1	1	1
F	Panel, Corner	1087534	1	1	-	-	1	1								
F		1087536	-	-	1	1										
F		1087538	-	-	-	-	-	-	1	1						
F		1087535	-	-	-	-	-	-	-	-	1	1				
F		1087539	-	-	-	-	-	-	-	-	-	-	1	1	1	1
G	Panel, Base	1086041	1	1	1	1	1	1	1	1						
G		1086060	-	-	-	-	-	-	-	-	1	1	1	1	1	1
H	Top, Control Box	1086045	1	1	1	1	1	1	1	1	1	1	1	1	1	1
J	Shelf, Control Box	1087926	1	1	1	1	1	1								
J		1087925	-	-	-	-	-	-	1	1	1	1	1	1	1	1
K	Bottom, Control Box	1087470	1	1	1	1	1	1	1	1	1	1	1	1	1	1
L	Grille, Top Discharge	1086050	1	1	1	1	1	1	1	1						
L		1086062	-	-	-	-	-	-	-	-	1	1	1	1	1	1
)	Manual, Parts List	428033106	1	1	1	1	1	1	1	1	1	1	1	1	1	1
)	Manual, Owners	428023001	1	1	1	1	1	1	1	1	1	1	1	1	1	1
)	Manual, Installation	421013203	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Wiring and Charging Labels - CHP218-260 AKC Series



Style No:	CHP/IHP218AKC	Outdoor Ambient Temperature - Degrees F. Dry Bulb																					
Voltage	208/230	IDB	75				85				95				105				115				
Phase	1		Entering Indoor Temperature - Degrees F. Wet Bulb																				
Ampacity	12.6	75	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
Wire Ga/Ft	NEC		MBh	16.4	16.9	18.3	19.7	16.1	16.5	17.9	19.2	15.7	16.1	17.5	18.7	14.9	15.3	16.6	17.8	13.8	14.2	15.4	16.5
Delay Fuse	20		S/T	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42
Max. Fuse	20		AMPS	6.0	6.1	6.2	6.4	6.4	6.5	6.7	6.9	6.7	6.9	7.0	7.3	7.1	7.2	7.4	7.6	7.4	7.6	7.8	8.0
Compressor	Copeland	80	HI PR	153	164	173	181	174	187	197	206	198	213	225	234	222	239	253	264	246	265	279	291
RLA	9		LO PR	65	69	75	80	67	72	78	83	71	75	82	88	74	79	86	92	77	82	89	95
LRA	41		MBh	16.7	17.1	18.3	19.5	16.3	16.7	17.8	19.1	15.9	16.3	17.4	18.6	15.1	15.5	16.5	17.7	14.0	14.3	15.3	16.4
Cap MFD/V	--		S/T	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	0.99	0.81	0.60
CC Heater	None	85	AMPS	6.0	6.1	6.3	6.5	6.4	6.5	6.7	6.9	6.8	6.9	7.1	7.3	7.1	7.3	7.5	7.7	7.5	7.6	7.8	8.1
Start Kit	None		HI PR	154	166	175	183	175	189	199	208	200	215	227	237	225	242	255	266	248	267	282	294
Fan Motor-HP	1/5		LO PR	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	90	96
Type	PSC		MBh	17.0	17.4	18.2	19.4	16.6	16.9	17.7	18.9	16.2	16.5	17.3	18.5	15.4	15.7	16.4	17.5	14.3	14.5	15.2	16.3
FLA	1.4	70	S/T	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78
LRA	2.1		AMPS	6.1	6.2	6.3	6.5	6.5	6.6	6.8	7.0	6.8	7.0	7.1	7.4	7.2	7.3	7.5	7.8	7.5	7.7	7.9	8.1
RPM	1100		HI PR	156	168	177	185	177	191	201	210	202	217	229	239	227	244	258	269	251	270	285	297
Cap MFD/V			LO PR	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	94	78	83	91	97
PTCR	None	Heating	Outdoor Ambient Temperature - Degrees F. Dry Bulb																				
Hi Press	227	IDB	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10			
Low Press	83	70	MBh	23.1	21.9	20.6	19.3	18.4	17.8	16.6	15.3	13.2	12.2	11.2	10.6	10.2	9.2	8.1	7.1	6.0	5.0		
Low Amb	None		T/R	33.7	31.9	30.0	28.0	26.8	26.0	24.1	22.2	19.2	17.7	16.3	15.4	14.9	13.3	11.8	10.3	8.8	7.2		
Defrost	ElecTime-Temp		KW	1.8	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.3		
Sensor			AMPS	8.8	8.2	7.8	7.4	7.2	7.1	6.7	6.4	6.2	6.0	5.8	5.7	5.6	5.4	5.1	4.9	4.6	4.3		
Operating Chg	(R-22Oz)	(R-22Oz)	COP	3.84	3.70	3.55	3.38	3.27	3.19	3.02	2.84	2.43	2.29	2.15	2.06	2.00	1.84	1.67	1.49	1.30	1.09		
(No Lines)*			EER	13.1	12.6	12.1	11.6	11.2	10.9	10.3	9.7	8.3	7.8	7.4	7.0	6.8	6.3	5.7	5.1	4.4	3.7		
Service Driers			HI PR	261	251	241	230	225	221	212	204	195	186	179	175	171	165	159	152	147	142		
Liquid/Chg			LO PR	84	78	73	67	63	61	56	50	45	40	35	33	32	27	23	19	17	13		
Suction		Calculated averaged performance data, for service applications for all matches.																					
Unit Weight	153	*Add or Subtract (Oz per Ft) for Lines: .25oz - 1/4 Liq., .45oz - 5/16 Liq., .60oz - 3/8 Liq., 1.2 oz - 1/2 Liq.																					
		Part No: 1088846																					

Replacement Parts - CHP218-260 AKC Series

Style No:	CHP/HHP224AKC	Outdoor Ambient Temperature - Degrees F. Dry Bulb																					
Voltage	208/230	IDB	75				85				95				105				115				
Phase	1		Entering Indoor Temperature - Degrees F. Wet Bulb																				
Ampacity	20.2		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
Wire Ga/Ft	NEC	75	MBh	21.5	22.2	24.0	25.8	21.0	21.7	23.4	25.2	20.5	21.1	22.9	24.5	19.5	20.1	21.7	23.3	18.1	18.6	20.1	21.6
Delay Fuse	30		S/T	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42
Max. Fuse	30		AMPS	7.8	8.0	8.2	8.5	8.4	8.6	8.8	9.1	8.9	9.1	9.3	9.6	9.4	9.6	9.8	10.1	9.8	10.0	10.3	10.7
Compressor	Copeland	80	HI PR	161	173	183	191	183	197	208	217	208	224	237	247	234	252	266	278	259	279	294	307
RLA	15		LO PR	62	66	72	76	64	68	74	79	67	72	78	83	71	75	82	87	73	78	85	90
LRA	54		MBh	21.9	22.4	23.9	25.6	21.4	21.9	23.4	25.0	20.9	21.3	22.8	24.4	19.8	20.3	21.7	23.2	18.4	18.8	20.1	21.4
Cap MFD/V	--	85	S/T	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	0.99	0.81	0.60
CC Heater	None		AMPS	7.9	8.1	8.3	8.5	8.5	8.6	8.9	9.2	8.9	9.1	9.4	9.7	9.4	9.6	9.9	10.2	9.9	10.1	10.4	10.8
Start Kit	None		HI PR	162	175	185	192	185	199	210	219	210	226	239	249	237	255	269	280	261	281	297	310
Fan Motor-HP	1/5	85	LO PR	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	78	86	91
Type	PSC		MBh	22.3	22.7	23.8	25.4	21.8	22.2	23.3	24.8	21.2	21.7	22.7	24.2	20.2	20.6	21.6	23.0	18.7	19.1	20.0	21.3
FLA	1.4		S/T	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78
LRA	2.1	85	AMPS	8.0	8.1	8.3	8.6	8.5	8.7	8.9	9.2	9.0	9.2	9.5	9.8	9.5	9.7	10.0	10.3	10.0	10.2	10.5	10.8
RPM	1100		HI PR	164	176	186	194	187	201	212	221	212	229	241	252	239	257	272	283	264	284	300	313
Cap MFD/V			LO PR	63	67	73	78	65	70	76	81	69	73	80	85	72	77	84	89	74	79	86	92
PTCR	None	Heating	Outdoor Ambient Temperature - Degrees F. Dry Bulb																				
Hi Press	239	IDB	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10			
Low Press	79	70	MBh	28.9	27.4	25.8	24.1	23.0	22.3	20.7	19.1	15.9	14.7	13.6	12.8	12.3	11.1	9.8	8.6	7.3	6.0		
Low Amb	None		T/R	33.2	31.4	29.6	27.7	26.4	25.6	23.8	21.9	18.3	16.9	15.6	14.7	14.2	12.7	11.3	9.8	8.4	6.9		
Defrost	ElecTime-Temp		KW	2.4	2.3	2.3	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.8		
Sensor			AMPS	11.9	11.1	10.5	10.0	9.7	9.5	9.0	8.6	8.3	8.0	7.7	7.5	7.4	7.1	6.7	6.4	6.0	5.6		
Operating Chg (No Lines)*	(R-22Oz)		COP	3.55	3.43	3.30	3.14	3.03	2.97	2.81	2.65	2.18	2.06	1.94	1.86	1.81	1.66	1.51	1.35	1.18	0.99		
Service Driers			EER	12.1	11.7	11.3	10.7	10.4	10.1	9.6	9.1	7.5	7.0	6.6	6.3	6.2	5.7	5.2	4.6	4.0	3.4		
Liquid/Chg Suction		HI PR	277	265	255	244	238	233	224	215	206	197	189	185	181	174	168	161	155	150			
Unit Weight	198	LO PR	73	68	63	58	55	53	49	43	39	35	31	29	28	23	20	17	15	12			
Calculated average performance data, for service applications for all matches.																						Part No: 1088847	
*Add or Subtract (Oz per Ft) for Lines: .25oz -1/4 Lig, .45oz- 5/16 Lig, .60oz - 3/8 Lig, 1.2 oz - 1/2 Lig																							

Calculated averaged performance data, for service applications for all matches.

Part No:

*Add or Subtract (Oz per Ft) for Lines: .25oz -1/4 Liq, .45oz- 5/16 Liq, .60oz- 3/8 Liq, 1.2 oz - 1/2 Liq

1088847

Style No:	CHP/HHP230AKC	Outdoor Ambient Temperature - Degrees F. Dry Bulb																					
Voltage	208/230	75				85				95				105				115					
Phase	1	Entering Indoor Temperature - Degrees F. Wet Bulb																					
Ampacity	25.3	IDB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
Wire Ga/Ft	NEC	75	MBh	27.2	28.0	30.3	32.6	26.6	27.4	29.6	31.8	25.9	26.7	28.9	31.0	24.6	25.4	27.4	29.5	22.8	23.5	25.4	27.3
Delay Fuse	40		S/T	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41
Max. Fuse	40		AMPS	9.9	10.1	10.4	10.7	10.6	10.8	11.1	11.5	11.2	11.5	11.8	12.2	11.8	12.1	12.4	12.8	12.4	12.7	13.1	13.5
Compressor	Copeland		HI PR	160	172	182	190	182	196	207	216	207	223	236	246	233	251	265	276	258	277	293	305
RLA	19.1	80	LO PR	60	64	70	74	62	66	73	77	66	70	76	81	69	73	80	85	71	76	83	88
LRA	72.5		MBh	27.7	28.3	30.2	32.3	27.0	27.6	29.5	31.6	26.4	27.0	28.8	30.8	25.1	25.6	27.4	29.2	23.2	23.7	25.3	27.1
Cap MFD/V	--		S/T	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59
CC Heater	None		AMPS	10.0	10.2	10.5	10.8	10.7	10.9	11.2	11.6	11.3	11.6	11.9	12.3	11.9	12.2	12.5	12.9	12.5	12.8	13.2	13.6
Start Kit	None	85	HI PR	162	174	184	192	184	198	209	218	209	225	238	248	236	254	268	279	260	280	296	309
Fan Motor-HP	1/3		LO PR	61	65	71	75	63	67	73	78	66	71	77	82	69	74	81	86	72	76	83	89
Type	PSC		MBh	28.2	28.7	30.1	32.1	27.5	28.0	29.4	31.3	26.8	27.4	28.7	30.6	25.5	26.0	27.2	29.0	23.6	24.1	25.2	26.9
FLA	1.4		S/T	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76
LRA	2.1	85	AMPS	10.1	10.3	10.5	10.9	10.8	11.0	11.3	11.7	11.4	11.6	12.0	12.4	12.0	12.3	12.6	13.0	12.6	12.9	13.3	13.7
RPM	1100		HI PR	163	176	186	194	186	200	211	220	212	228	240	251	238	256	270	282	263	283	299	312
Cap MFD/V			LO PR	61	65	71	76	64	68	74	79	67	71	78	83	70	75	82	87	73	77	84	90
PTCR	None	Heating	Outdoor Ambient Temperature - Degrees F. Dry Bulb																				
Hi Press	238	IDB	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10			
Low Press	77	70	MBh	38.2	36.2	34.1	31.8	30.4	29.5	27.4	25.2	23.1	21.3	19.6	18.5	17.8	16.0	14.2	12.4	10.5	8.6		
Low Amb	None		T/R	36.0	34.0	32.1	30.0	28.6	27.7	25.7	23.7	21.7	20.0	18.4	17.4	16.8	15.0	13.3	11.6	9.9	8.1		
Defrost	ElecTime-Temp		KW	2.9	2.9	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.6	2.5	2.5	2.5	2.4	2.3	2.3	2.2	2.2		
Sensor			AMPS	14.7	13.7	12.9	12.3	11.9	11.7	11.1	10.6	10.2	9.9	9.5	9.3	9.2	8.8	8.3	7.9	7.4	6.9		
Operating Chg (No Lines)*	(R-22Oz)	70	COP	3.82	3.68	3.54	3.37	3.26	3.19	3.02	2.84	2.56	2.42	2.28	2.18	2.12	1.95	1.77	1.58	1.39	1.16		
Service Driers			EER	13.0	12.6	12.1	11.5	11.1	10.9	10.3	9.7	8.8	8.3	7.8	7.5	7.2	6.7	6.0	5.4	4.7	4.0		
Liquid/Chg Suction			HI PR	266	255	245	234	229	225	216	207	199	190	182	178	174	168	161	155	149	144		
Unit Weight	202		LO PR	29	27	25	23	22	21	19	17	16	14	12	11	11	9	8	7	6	5		
Calculated averaged performance data, for service applications for all matches.																							
*Add or Subtract (Oz per Ft) for Lines: 25oz -1/4 Lig, 45oz- 5/16 Lig, 60oz- 3/8 Lig, 1.2 oz - 1/2 Lig																							
Part No: 1088848																							

Calculated averaged performance data, for service applications for all matches.

Part No:

*Add or Subtract (Oz per Ft) for Lines: .25oz -1/4 Liq, .45oz- 5/16 Liq, .60oz- 3/8 Liq, 1.2 oz - 1/2 Liq

1088848

Wiring and Charging Labels - CHP218-260 AKC Series

Style No:	CHP/HHP236AKC	Outdoor Ambient Temperature - Degrees F. Dry Bulb																								
Voltage	208/230	IDB	75				85				95				105				115							
Phase	1		Entering Indoor Temperature - Degrees F. Wet Bulb																							
Amcapacity	22.9		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
Wire Ga/Ft	NEC																									
Delay Fuse	40	75	MBh	32.1	33.1	35.8	38.4	31.4	32.3	35.0	37.5	30.6	31.5	34.1	36.6	29.1	29.9	32.4	34.8	26.9	27.7	30.0	32.2			
Max. Fuse	40		S/T	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41			
Compressor	Copeland		AMPS	12.2	12.4	12.8	13.2	13.1	13.3	13.7	14.1	13.8	14.1	14.5	15.0	14.6	14.9	15.3	15.8	15.3	15.6	16.1	16.6			
RLA	16.8		HI PR	163	175	185	193	185	199	210	219	211	227	240	250	237	255	270	281	262	282	298	311			
LRA	88	80	LO PR	62	66	72	76	64	68	74	79	67	72	78	83	71	75	82	87	73	78	85	90			
Cap MFD/V	--		MBh	32.7	33.4	35.7	38.2	31.9	32.6	34.9	37.3	31.1	31.8	34.0	36.3	29.6	30.2	32.3	34.5	27.4	28.0	29.9	32.0			
CC Heater	None		S/T	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59			
Start Kit	None		AMPS	12.3	12.5	12.9	13.3	13.2	13.4	13.8	14.2	13.9	14.2	14.6	15.1	14.7	15.0	15.4	15.9	15.4	15.7	16.2	16.7			
Fan Motor-HP	1/4	85	HI PR	164	177	187	195	187	201	212	222	213	229	242	252	240	258	272	284	265	285	301	314			
Type	PSC		LO PR	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	78	86	91			
FLA	1.4		MBh	33.3	33.9	35.5	37.9	32.5	33.1	34.7	37.0	31.7	32.3	33.8	36.1	30.1	30.7	32.1	34.3	27.9	28.4	29.8	31.8			
LRA	3.9		S/T	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76			
RPM	1100	70	AMPS	12.4	12.6	13.0	13.4	13.3	13.5	13.9	14.4	14.0	14.3	14.7	15.2	14.8	15.1	15.5	16.0	15.5	15.9	16.3	16.9			
Cap MFD/V			HI PR	166	179	189	197	189	203	215	224	215	231	244	255	242	260	275	287	267	288	304	317			
PTCR	None		LO PR	63	67	73	78	65	70	76	81	69	73	80	85	72	77	84	89	74	79	86	92			
Hi Press	242		Heating	Outdoor Ambient Temperature - Degrees F. Dry Bulb																						
Low Press	79	IDB		65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10					
Low Amb	None			MBh	45.3	42.8	40.4	37.7	36.0	34.9	32.4	29.9	28.4	26.2	24.1	22.8	22.0	19.7	17.5	15.2	13.0	10.6				
Defrost	ElecTime-Temp			T/R	35.1	33.2	31.3	29.2	27.9	27.1	25.1	23.2	22.0	20.3	18.7	17.7	17.0	15.3	13.5	11.8	10.1	8.3				
Sensor			KW	3.6	3.5	3.4	3.4	3.3	3.3	3.2	3.2	3.2	3.1	3.0	3.0	2.9	2.9	2.8	2.7	2.7	2.6					
Operating Chg	(R-22Oz)	70	AMPS	17.8	16.6	15.7	14.9	14.4	14.2	13.5	12.9	12.4	12.0	11.5	11.3	11.2	10.7	10.1	9.6	9.1	8.4					
(No Lines)*			COP	3.73	3.60	3.45	3.29	3.18	3.11	2.94	2.77	2.64	2.49	2.34	2.24	2.18	2.00	1.82	1.62	1.42	1.20					
Service Driers			EER	12.7	12.3	11.8	11.2	10.9	10.6	10.1	9.5	9.0	8.5	8.0	7.7	7.4	6.8	6.2	5.5	4.9	4.1					
Liquid/Chg			HI PR	275	264	254	243	237	232	223	214	205	196	188	184	181	174	167	160	155	149					
Suction		70	LO PR	76	70	66	60	57	55	50	45	41	36	32	30	29	24	21	18	15	12					
Unit Weight	209		Calculated average performance data, for service applications for all matches.																							
		*Add or Subtract (Oz per Ft) for Lines: .25oz -1/4 Liq, .45oz- 5/16 Liq, .60oz- 3/8 Liq, 1.2 oz - 1/2 Liq																								
		1088849																								

Style No:	CHP/HHP242AKC	Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
Voltage	208/230	75				85				95				105				115							
Phase	1	Entering Indoor Temperature - Degrees F. Wet Bulb																							
Ampacity	33.8	59				63				67				71				75				79			
Wire Ga/Ft	NEC	59				63				67				71				75				79			
Delay Fuse	50	59				63				67				71				75				79			
Max. Fuse	50	59				63				67				71				75				79			
Compressor	Copeland	59				63				67				71				75				79			
RLA	25.8	59				63				67				71				75				79			
LRA	104	59				63				67				71				75				79			
Cap MFD/V	--	59				63				67				71				75				79			
CC Heater	None	59				63				67				71				75				79			
Start Kit	None	59				63				67				71				75				79			
Fan Motor-HP	1/4	59				63				67				71				75				79			
Type	PSC	59				63				67				71				75				79			
FLA	1.5	59				63				67				71				75				79			
LRA	2.9	59				63				67				71				75				79			
RPM	1100	59				63				67				71				75				79			
Cap MFD/V		59				63				67				71				75				79			
PTCR	None	59				63				67				71				75				79			
Hi Press	237	59				63				67				71				75				79			
Low Press	79	59				63				67				71				75				79			
Low Amb	None	59				63				67				71				75				79			
Defrost	ElecTime-Temp	59				63				67				71				75				79			
Sensor		59				63				67				71				75				79			
Operating Chg	(R-22Oz)	59				63				67				71				75				79			
(No Lines)*		59				63				67				71				75				79			
Service Driers		59				63				67				71				75				79			
Liquid/Chg		59				63				67				71				75				79			
Suction		59				63				67				71				75				79			
Calculated averaged performance data, for service applications for all matches.																									
*Add or Subtract (Oz per Ft) for Lines: 25oz - 1/4 Lq, 45oz- 5/16 Lq, 60oz - 3/8 Lq, 1.2 oz - 1/2 Lq																									
Unit Weight	235	Part No: 1088850																							

Replacement Parts - CHP218-260 AKC Series

Style No:	CHP/HHP248AKC	Outdoor Ambient Temperature - Degrees F. Dry Bulb																					
Voltage	208/230	IDB	75				85				95				105				115				
Phase	1		Entering Indoor Temperature - Degrees F. Wet Bulb																				
Ampacity	30.1		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
Wire Ga/Ft	NEC																						
Delay Fuse	50	75	MBh	43.9	45.2	49.0	52.6	42.9	44.2	47.8	51.3	41.9	43.1	46.6	50.1	39.8	40.9	44.3	47.6	36.8	37.9	41.0	44.0
Max. Fuse	50		S/T	0.88	0.79	0.60	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.41	0.97	0.86	0.65	0.42	0.98	0.87	0.66	0.42
Compressor	Copeland		AMPS	16.3	16.6	17.1	17.6	17.5	17.8	18.3	18.9	18.5	18.9	19.4	20.0	19.5	19.9	20.5	21.2	20.5	20.9	21.6	22.3
RLA	22.9		HI PR	166	179	189	197	189	203	215	224	215	232	245	255	242	261	275	287	267	288	304	317
LRA	137	80	LO PR	59	62	68	72	61	65	71	75	64	68	74	79	67	71	78	83	69	74	80	86
Cap MFD/V	--		MBh	44.7	45.7	48.8	52.2	43.7	44.6	47.7	51.0	42.6	43.5	46.5	49.7	40.5	41.3	44.2	47.2	37.5	38.3	40.9	43.7
CC Heater	None		S/T	0.97	0.91	0.74	0.55	0.99	0.93	0.76	0.56	1.00	0.96	0.78	0.58	1.00	0.99	0.81	0.61	1.00	1.00	0.82	0.61
Start Kit	None		AMPS	16.4	16.8	17.2	17.8	17.6	18.0	18.5	19.1	18.6	19.0	19.6	20.2	19.7	20.1	20.7	21.3	20.7	21.1	21.7	22.5
Fan Motor-HP	1/4	85	HI PR	168	181	191	199	191	205	217	226	217	234	247	258	245	263	278	290	270	291	307	320
Type	PSC		LO PR	59	63	69	73	61	65	71	76	65	69	75	80	68	72	79	84	70	74	81	87
FLA	1.5		MBh	45.5	46.4	48.6	51.8	44.4	45.3	47.4	50.6	43.3	44.2	46.3	49.4	41.2	42.0	44.0	46.9	38.1	38.9	40.7	43.4
LRA	2.9		S/T	1.00	0.98	0.88	0.72	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.79
RPM	1100	85	AMPS	16.6	16.9	17.4	17.9	17.7	18.1	18.6	19.2	18.8	19.2	19.7	20.4	19.8	20.2	20.8	21.5	20.8	21.3	21.9	22.6
Cap MFD/V			HI PR	169	182	193	201	193	207	219	228	220	236	249	260	247	266	281	293	273	294	310	323
PTCR	None		LO PR	60	64	69	74	62	66	72	77	65	69	76	81	68	73	79	85	71	75	82	87
Hi Press	247		Outdoor Ambient Temperature - Degrees F. Dry Bulb																				
Low Press	75	IDB	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10			
Low Amb	None	70	MBh	61.0	57.7	54.4	50.8	48.5	47.0	43.7	40.3	39.9	36.8	33.9	32.0	30.8	27.6	24.5	21.4	18.2	14.9		
Defrost	ElecTime-Temp		T/R	34.4	32.6	30.7	28.7	27.4	26.5	24.7	22.7	22.5	20.8	19.1	18.1	17.4	15.6	13.8	12.1	10.3	8.4		
Sensor			KW	4.9	4.9	4.8	4.7	4.6	4.6	4.5	4.4	4.1	4.0	3.9	3.9	3.8	3.8	3.7	3.6	3.5	3.4		
Operating Chg	(R-22Oz)		AMPS	24.8	23.2	21.8	20.7	20.0	19.7	18.7	17.9	17.2	16.6	15.9	15.6	15.4	14.7	13.9	13.3	12.4	11.4		
(No Lines)*		70	COP	3.61	3.48	3.35	3.19	3.08	3.01	2.86	2.69	2.83	2.68	2.52	2.41	2.34	2.15	1.96	1.75	1.53	1.29		
Service Driers			EER	12.3	11.9	11.4	10.9	10.5	10.3	9.8	9.2	9.7	9.1	8.6	8.2	8.0	7.4	6.7	6.0	5.2	4.4		
Liquid/Chg			HI PR	293	281	270	258	252	247	238	228	218	209	200	196	192	185	178	170	164	159		
Suction			LO PR	74	69	65	59	56	54	50	44	40	36	31	29	28	24	20	17	15	12		
Unit Weight	275	Calculated averaged performance data, for service applications for all matches.																					
		*Add or Subtract (Oz per Ft) for Lines: .25oz -1/4 Liq, .45oz- 5/16 Liq, .60oz - 3/8 Liq, 1.2 oz - 1/2 Liq																					
		Part No: 1088851																					

Style No:	CHP/HHP260AKC		Outdoor Ambient Temperature - Degrees F. Dry Bulb																				
Voltage	208/230	IDB	75				85				95				105				115				
Phase	1		Entering Indoor Temperature - Degrees F. Wet Bulb																				
Ampacity	37.6	75	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
Wire Ga/Ft	NEC		MBh	52.9	54.5	59.0	63.3	51.7	53.2	57.6	61.8	50.4	51.9	56.2	60.3	47.9	49.3	53.4	57.3	44.4	45.7	49.4	53.0
Delay Fuse	60		S/T	0.82	0.74	0.56	0.36	0.84	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.82	0.62	0.40
Max. Fuse	60		AMPS	20.0	20.4	21.0	21.6	21.4	21.9	22.5	23.2	22.7	23.2	23.9	24.6	24.0	24.5	25.2	26.0	25.2	25.8	26.5	27.4
Compressor	Copeland	80	HI PR	173	186	196	205	197	212	223	233	224	241	254	265	252	271	286	299	278	299	316	330
RLA	28.9		LO PR	59	63	69	73	61	65	71	76	64	69	75	80	68	72	78	84	70	74	81	86
LRA	148		MBh	53.9	55.0	58.8	62.9	52.6	53.7	57.4	61.4	51.3	52.4	56.0	59.9	48.7	49.8	53.2	56.9	45.1	46.1	49.3	52.7
Cap MFD/V	--		S/T	0.90	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.57	1.00	0.94	0.76	0.57
CC Heater	None	85	AMPS	20.1	20.6	21.1	21.8	21.6	22.1	22.7	23.4	22.9	23.4	24.1	24.8	24.2	24.7	25.4	26.3	25.4	26.0	26.7	27.6
Start Kit	None		HI PR	175	188	198	207	199	214	226	235	226	243	257	268	254	274	289	302	281	303	319	333
Fan Motor-HP	1/4		LO PR	60	63	69	74	62	66	72	77	65	69	76	81	68	73	79	84	71	75	82	87
Type	PSC		MBh	54.8	55.9	58.5	62.4	53.5	54.5	57.1	60.9	52.2	53.2	55.7	59.4	49.6	50.5	52.9	56.5	45.9	46.8	49.0	52.3
FLA	1.5	S/T	0.95	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.91	0.74	
LRA	2.9	AMPS	20.3	20.7	21.3	22.0	21.8	22.2	22.9	23.6	23.1	23.6	24.2	25.0	24.4	24.9	25.6	26.5	25.6	26.2	27.0	27.9	
RPM	1100	HI PR	176	190	200	209	201	216	228	238	228	246	260	271	257	277	292	305	284	306	323	337	
Cap MFD/V		LO PR	60	64	70	74	63	67	73	77	66	70	76	81	69	73	80	85	71	76	83	88	
PTCR	None	Heating	Outdoor Ambient Temperature - Degrees F. Dry Bulb																				
Hi Press	257	IDB	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10			
Low Press	75.6	70	MBh	73.5	69.6	65.6	61.2	58.5	56.7	52.7	48.6	46.6	43.0	39.6	37.4	36.0	32.3	28.6	25.0	21.3	17.5		
Low Amb	None		T/R	38.2	36.2	34.1	31.8	30.4	29.5	27.4	25.2	24.2	22.3	20.6	19.4	18.7	16.8	14.9	13.0	11.1	9.1		
Defrost	ElecTime-Temp		KW	5.3	5.2	5.1	5.0	5.0	4.9	4.8	4.7	4.7	4.6	4.5	4.5	4.4	4.3	4.2	4.1	4.0	3.9		
Sensor			AMPS	26.6	24.9	23.5	22.2	21.6	21.2	20.2	19.3	18.6	17.9	17.2	16.9	16.7	16.0	15.1	14.4	13.6	12.5		
Operating Chg	(R-22Oz)	70	COP	4.05	3.91	3.75	3.58	3.46	3.38	3.20	3.01	2.87	2.71	2.55	2.44	2.37	2.18	1.98	1.77	1.55	1.30		
(No Lines)*			EER	13.8	13.3	12.8	12.2	11.8	11.5	10.9	10.3	9.8	9.3	8.7	8.3	8.1	7.5	6.8	6.0	5.3	4.5		
Service Driers			HI PR	250	240	230	220	215	211	203	195	186	178	171	167	164	158	152	145	140	135		
Liquid/Chg			LO PR	74	69	64	59	56	54	49	44	40	35	31	29	28	24	20	17	15	12		
Suction		Calculated averaged performance data, for service applications for all matches.																				Part No:	
Unit Weight	302	*Add or Subtract (Oz per Ft) for Lines: .25oz -1/4 Liq, .45oz- 5/16 Liq, .60oz - 3/8 Liq, 1.2 oz - 1/2 Liq																				1088852	