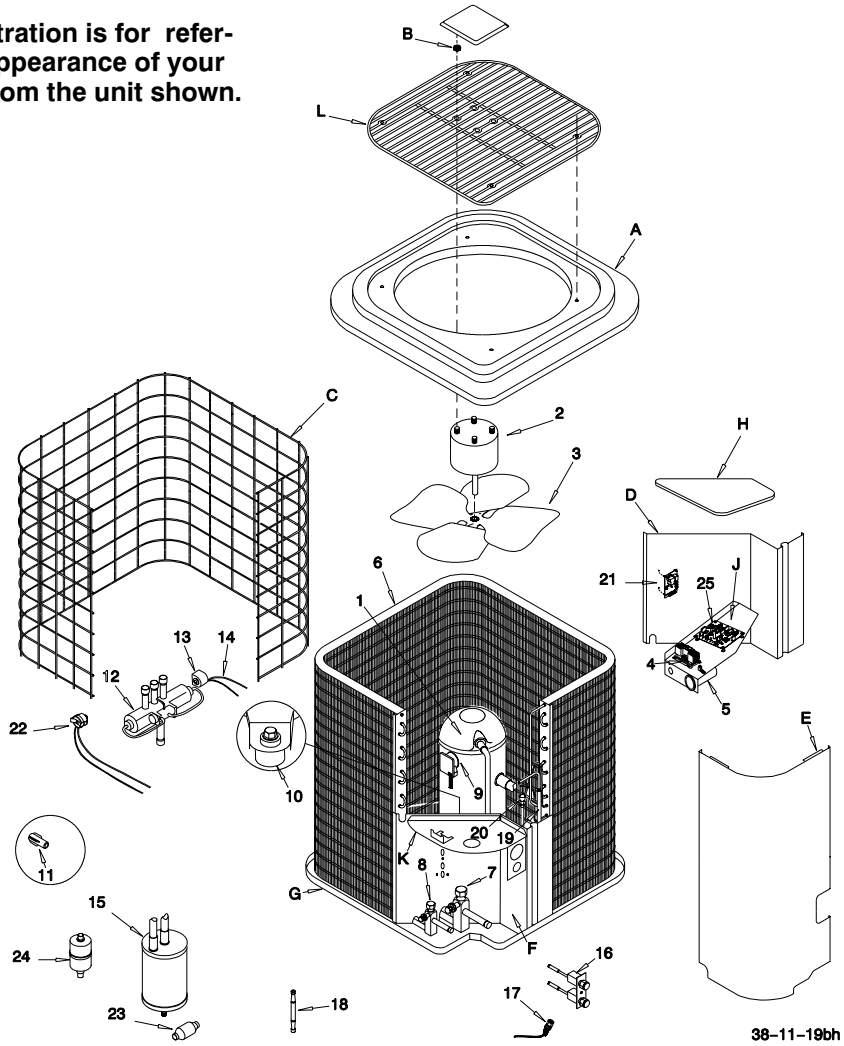
Replacement Parts, W/D & Tech Data
CHP218–260 Series

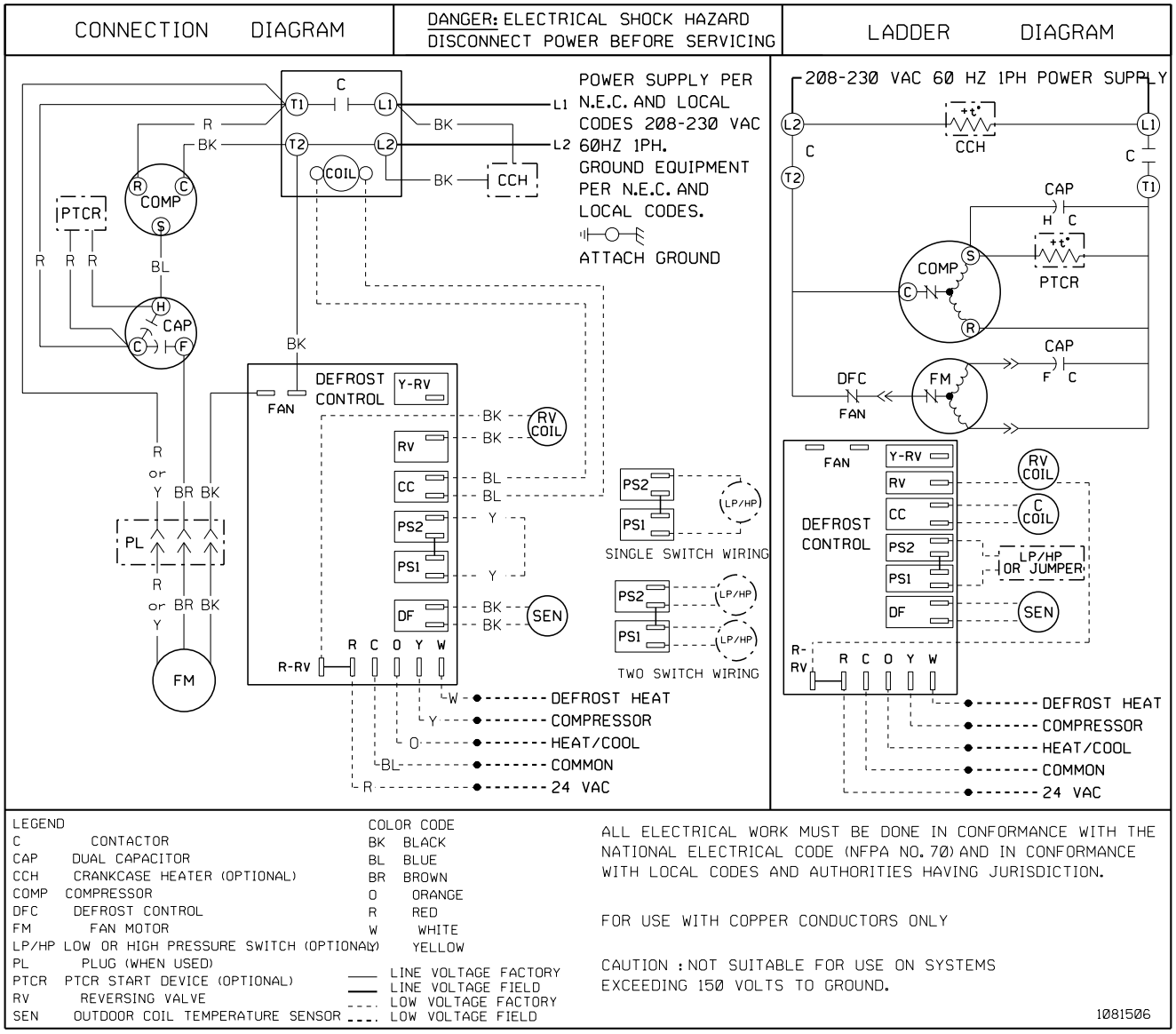
NOTE: This illustration is for reference only. The appearance of your unit may differ from the unit shown.



KEY NO.	DESCRIPTION	PART NUMBER	CHP218AKA1 *CHP218GKA1	*CHP218GKAA	CHP224AKA1 *CHP224GKA1	CHP224AKAA	CHP230AKA1 *CHP230GKA1	CHP230AKAA	CHP236AK1 *CHP236GKA1	CHP236AKAA	CHP242AK1 *CHP242GKA1	CHP248AK1 *CHP248GKA1	CHP260AK1 *CHP260GKA1
A	Panel, Top	1085983	1	1									
A		1085997	-	-	1	1	1	1	1	1			
A		1086061	-	-	-	-	-	-	-	-	1	1	1
B	Nut, Lock	1086356	4	4	4	4	4	4	4	4	4	4	4
C	Grille, Inlet	1086919	1										
C	* Indicates Coil Guard	*1086441	1										
C		*1086318	-	1									
C		1086252	-	-	1	-	1	-	1	-			
C		*1086309	-	-	1	-	1	-	1	-			
C		1086284	-	-	-	1	-	1	-	1			
C		1086256	-	-	-	-	-	-	-	-	1		
C		*1087176	-	-	-	-	-	-	-	-	1		
C		1087092	-	-	-	-	-	-	-	-	-	1	1
C		*1087188	-	-	-	-	-	-	-	-	-	1	1
D	Box, Control	1086849	1	1	1	1	1	1	1	1	1	1	1
E	Cover, Control Box	1086357	1	-	1	-	1	-	1	-	1		
E		1086215	-	1	-	1	-	1	-	1			
E		1086359	-	-	-	-	-	-	-	-	-	1	1
F	Panel, Corner	1086344	1	-	1	1	1	1	1	1	1		
F		1086345	-	1	-	1	-	1	-	1			
F		1086349	-	-	-	-	-	-	-	-	-	1	1
G	Panel, Base	1085982	1	1									
G		1086041	-	-	1	1	1	1	1	1			
G		1086060	-	-	-	-	-	-	-	-	1	1	1
H	Top, Control Box	1086045	1	1	1	1	1	1	1	1	1	1	1
J	Shelf, Control Box	1086363	1	1	1	1	1	1					
J		1086044	-	-	-	-	-	-	1	1	1	1	1
K	Bottom, Control Box	1086039	1	1	1	1	1	1	1	1	1	1	1
L	Grille, Top Discharge	1085984	1	1									
L		1086050	-	-	1	1	1	1	1	1			
L		1086062	-	-	-	-	-	-	-	-	1	1	1
)(	Manual, Parts List	42843330103	1	1	1	1	1	1	1	1	1	1	1
)(	Manual, Owners	42802300100	1	1	1	1	1	1	1	1	1	1	1
)(	Manual, Installation	42101320100	1	1	1	1	1	1	1	1	1	1	1

Replacement Parts – CHP218–260 Series

KEY NO.	DESCRIPTION	PART NUMBER	CHP218AKA1 *CHP218GKA1	*CHP218GKAA	CHP224AKA1 *CHP224GKA1	CHP224AKAA	CHP230AKA1 *CHP230GKA1	CHP230AKAA	CHP236AKA1 *CHP236GKA1	CHP236AKAA	CHP242AKA1 *CHP242GKA1	CHP248AKA1 *CHP248GKA1	CHP260AKA1 *CHP260GKA1
1	Compressor, With Plug	ZR16K4PFV130	1	1									
1		ZR22K3PFV130	-	-	1	1							
1		ZR28K3PFV130	-	-	-	-	1	1					
1		ZR34K3PFV130	-	-	-	-	-	-	1	1			
1		ZR40K3PFV130	-	-	-	-	-	-	-	-	1		
1		ZR47K3PFV135	-	-	-	-	-	-	-	-	-	1	
1		ZR57K3PFV130	-	-	-	-	-	-	-	-	-	-	1
2	Motor, Condenser Fan	1086598	1	1	1	1	1	1					
2		1085926	-	-	-	-	-	-	1	1			
2		1086397	-	-	-	-	-	-	-	-	1	1	1
3	Fan Blade	1085684	1	1									
3		1086517	-	-	1	1	1	1					
3		1086516	-	-	-	-	-	-	1	1			
3		1086519	-	-	-	-	-	-	-	-	1	1	
3		1086520	-	-	-	-	-	-	-	-	-	-	1
4	Contactor, 25 Amp	1050699	1	1	1	1	1	1	1	1	1		
4	35 Amp	1050839	-	-	-	-	-	-	-	-	-	1	
4	40 Amp	1059574	-	-	-	-	-	-	-	-	-	-	1
5	Capacitor, 370 Volt. 3+30 Mfd	1086677	1	1									
5	370 Volt 3+40 Mfd	1086816	-	-	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		
5	440 Volt 7.5+60 Mfd	1086683	-	-	-	-	-	-	-	-	-	1	
5	370 Volt 7.5+80 Mfd	1086650	-	-	-	-	-	-	-	-	-	-	1
6	Condenser Coil	1086903	1	-									
6		1087466	-	1									
6		1086459	-	-	1	-	1						
6		1087326	-	-	-	1	-	1					
6		1086461	-	-	-	-	-	-	1				
6		1087327	-	-	-	-	-	-	-	1			
6		1087104	-	-	-	-	-	-	-	-	1		
6		1087103	-	-	-	-	-	-	-	-	-	1	1
7	Service Valve (Suction)	1085991	1	1	1	1	1	1	1	1			
7		1085988	-	-	-	-	-	-	-	-	1	1	
7		1086805	-	-	-	-	-	-	-	-	-	-	1
8	Service Valve (Liquid)	1085989	1	1	1	1	1	1	1	1	1	1	1
9	Plug, Compressor Harness	1081938	1										
9		1081939	-	1	1	1	1	1	1	1			
9		1081940	-	-	-	-	-	-	-	-	1	1	1
10	Grommet, Compressor	1052060	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	
12		34329030	-	-	-	-	-	-	-	-	-	-	1
13	Coil, Reversing Valve	34329055	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
15	Accumulator	1092835	1	1	1	1	1	1	1	1			
15		1081063	-	-	-	-	-	-	-	-	1		
15		1061328	-	-	-	-	-	-	-	-	-	1	1
16	Port Valve Asy	1080998	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
18	Control, Flow .061	1086741	-	-	-	-	-	-	-	-	-	1	
18	.095	1086740	-	-	-	-	-	-	-	-	-	-	1
20	Distributor	1053086	1	1	1	1	1	1					
20		1052793	-	-	-	-	-	-	1	1	1	1	1
21	Control, Defrost	1069364	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
23	Muffler	1059730	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
28	Valve, Expansion	1086997	1	1									
28		1081725	-	-	1	1							
28		1081726	-	-	-	-	1	1					
28		1087156	-	-	-	-	-	-	1	1			
28		1087157	-	-	-	-	-	-	-	-	1		
28		1085277	-	-	-	-	-	-	-	-	-	1	1



Outdoor Units (2)	EPA/D/M18 (51)	EPA/D/M24 (59)	EPA/D/M30 (65)	EPA/D/M36 (72)	EPA/D/M42 (78)	EPA/D/M48 (79)	EPA/D/M60 (90)	EPP024 (59)	EPP030 (65)	EPP036 (72)	EAH5524SA (56)	EAH5536SA (71)	EAH5548SA (84)	EAH5560SA (89)	EEA/D24 (51)	EEA/D30 (59)	EEA/D36 (65)	EEA/D48 (78)	EEA/D60 (79)	EMH24 (59)	EMH30 (65)	EMH36 (72)	EMH42 (78)	EMH48 (79)	FCP24 (59)	FCP30 (65)	FCP36 (72)	FCP42 (78)	FCP48 (79)	FCP60 (90)
CHP218											51																			
CHP224											61																			
CHP230												67																		
CHP236												73																		
CHP242													82																	
CHP248													90																	
CHP260													99																	

(1) - The number in parentheses with the coil model number is the size of the piston installed in the coil. The installer must change the pin to the size indicated in the chart if it is different from the factory installed pin.

(2) - The number in parentheses following the outdoor unit model number is the size of the piston shipped with the outdoor unit.

Note: If the required orifice is not shipped with the outdoor unit or coil it must be field supplied.

Style No:	CHP/HHP218			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	12.6	IDB		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
Wire Ga	14		MBh	17.5	18.0	19.5	20.9	17.1	17.6	19.0	20.4	16.7	17.1	18.6	19.9	15.8	16.3	17.6	18.9	14.7	15.1	16.3	17.5
Wire Ft	49		S/T	.85	.76	.57	.37	.87	.78	.59	.38	.90	.80	.61	.39	.93	.83	.63	.40	.94	.84	.63	.41
Delay Fuse	15	75	AMPS	5.6	5.7	5.9	6.1	6.1	6.2	6.4	6.6	6.5	6.6	6.8	7.1	6.9	7.0	7.3	7.5	7.3	7.4	7.7	8.0
Max. Fuse	20		HI PR	165	177	187	195	187	202	213	222	213	230	243	253	240	258	273	285	265	286	301	314
Compressor	COPELAND		LO PR	65	69	75	80	67	72	78	83	71	75	82	88	74	79	86	92	77	82	89	95
RLA	8.97		MBh	17.8	18.2	19.4	20.8	17.4	17.7	19.0	20.3	16.9	17.3	18.5	19.8	16.1	16.5	17.6	18.8	14.9	15.2	16.3	17.4
LRA	42		S/T	.93	.87	.71	.53	.95	.89	.73	.54	.98	.92	.75	.56	1.00	.96	.78	.58	1.00	.96	.78	.59
Cap MFD/V	30 / 370	80	AMPS	5.7	5.8	6.0	6.2	6.1	6.3	6.5	6.7	6.5	6.7	6.9	7.2	6.9	7.1	7.3	7.6	7.3	7.5	7.7	8.0
CC Heater	NONE		HI PR	166	179	189	197	189	204	215	224	216	232	245	256	243	261	276	287	268	288	305	318
Start Kit	NONE		LO PR	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	90	96
Fan Motor-HP	1/5		MBh	18.1	18.5	19.3	20.6	17.7	18.0	18.9	20.1	17.2	17.6	18.4	19.6	16.4	16.7	17.5	18.7	15.2	15.5	16.2	17.3
Type	PSC		S/T	.97	.94	.85	.69	1.00	.96	.87	.71	1.00	.99	.90	.73	1.00	1.00	.93	.76	1.00	1.00	.94	.76
FLA	1.38	85	AMPS	5.7	5.8	6.0	6.2	6.2	6.3	6.5	6.8	6.6	6.7	7.0	7.2	7.0	7.2	7.4	7.7	7.4	7.6	7.8	8.1
LRA	2.13		HI PR	168	181	191	199	191	206	217	227	218	234	247	258	245	264	278	290	271	291	308	321
MAX RPM	1075		LO PR	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	94	78	83	91	97
Cap MFD/V	5 / 370	Heating		Outdoor Ambient Temperature - Degrees F. Dry Bulb																			
PTCR	NONE	IDB		65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10		
Hi Press	NONE		MBh	22.6	21.4	20.2	18.8	18.0	17.4	16.2	14.9	12.5	11.5	10.6	10.0	9.6	8.6	7.7	6.7	5.7	4.7		
Low Press	NONE		T/R	35	33	31	29	28	27	25	23	19	18	16	15	15	13	12	10	9	7		
Low Amb	NONE		KW	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3		
Defrost	ElecTime-Temp	70	AMPS	7.3	6.8	6.4	6.0	5.8	5.7	5.4	5.1	4.9	4.7	4.5	4.4	4.4	4.2	3.9	3.7	3.4	3.1		
Sensor	31-71		COP	3.9	3.7	3.6	3.4	3.3	3.2	3.0	2.9	2.5	2.3	2.2	2.1	2.0	1.8	1.7	1.5	1.3	1.1		
Operating Chg	(R-22Oz)		EER	13.3	12.8	12.3	11.7	11.3	11.0	10.4	9.8	8.4	7.9	7.4	7.1	6.9	6.3	5.7	5.1	4.4	3.7		
(25 Ft Line)*	110		HI PR	236	226	217	208	203	199	191	184	176	168	161	158	155	149	143	137	132	128		
Service Driers			LO PR	77	71	67	61	58	56	51	46	41	37	32	30	29	25	21	18	16	12		
Liquid/Chg	5CuIn/5oz	Calculated averaged performance data, for service applications for all matches.																				Part No:	
Suction	17SqIn	*Add or Substract (Oz per Ft) for Lines: .25oz -1/4 Liq, .45oz- 5/16 Liq, .60oz - 3/8 Liq, 1.2 oz - 1/2 Liq																				**1086858**	

Style No:	CHP/HHP224			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	14.2	IDB		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
Wire Ga	14		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
Wire Ft	37		S/T	.89	.80	.60	.39	.91	.82	.62	.40	.94	.84	.64	.41	.98	.88	.66	.43	.99	.88	.67	.43
Delay Fuse	15	75	AMPS	6.9	7.0	7.3	7.5	7.5	7.6	7.9	8.2	8.0	8.2	8.4	8.7	8.5	8.7	9.0	9.3	9.0	9.2	9.5	9.8
Max. Fuse	20		HI PR	165	177	187	195	187	202	213	222	213	230	243	253	240	258	273	285	265	286	301	314
Compressor	COPELAND		LO PR	64	68	74	79	67	71	77	82	70	74	81	86	73	78	85	91	76	81	88	94
RLA	10.26		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
LRA	56		S/T	.98	.92	.75	.56	1.00	.94	.77	.57	1.00	.97	.79	.59	1.00	1.00	.82	.61	1.00	1.00	.83	.62
Cap MFD/V	40 / 370	80	AMPS	6.9	7.1	7.3	7.6	7.5	7.7	8.0	8.3	8.0	8.2	8.5	8.8	8.5	8.8	9.0	9.4	9.0	9.3	9.6	9.9
CC Heater	NONE		HI PR	166	179	189	197	189	204	215	224	216	232	245	256	243	261	276	287	268	288	305	318
Start Kit	NONE		LO PR	65	69	75	80	67	72	78	83	71	75	82	87	74	79	86	92	77	81	89	95
Fan Motor-HP	1/5		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
Type	PSC		S/T	1.00	.99	.89	.72	1.00	1.00	.92	.74	1.00	1.00	.94	.77	1.00	1.00	.98	.80	1.00	1.00	.99	.80
FLA	1.38	85	AMPS	7.0	7.2	7.4	7.7	7.6	7.8	8.0	8.3	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.5	9.1	9.3	9.7	10.0
LRA	2.13		HI PR	168	181	191	199	191	206	217	227	218	234	247	258	245	264	278	290	271	291	308	321
MAX RPM	1075		LO PR	65	69	76	81	68	72	79	84	71	76	83	88	75	80	87	92	77	82	90	96
Cap MFD/V	5 / 370	Heating		Outdoor Ambient Temperature - Degrees F. Dry Bulb																			
PTCR	NONE	IDB		65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10		
Hi Press	NONE		MBh	29.7	28.1	26.5	24.7	23.6	22.9	21.2	19.6	17.7	16.3	15.0	14.2	13.7	12.3	10.9	9.5	8.1	6.6		
Low Press	NONE		T/R	34	33	31	29	27	26	25	23	20	19	17	16	16	14	13	11	9	8		
Low Amb	NONE		KW	2.2	2.2	2.1	2.1	2.0	2.0	2.0	1.9	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.6		
Defrost	ElecTime-Temp	70	AMPS	9.9	9.2	8.6	8.1	7.8	7.7	7.2	6.9	6.6	6.3	6.0	5.9	5.8	5.5	5.1	4.8	4.5	4.0		
Sensor	31-71		COP	4.0	3.8	3.7	3.5	3.4	3.3	3.1	2.9	2.6	2.5	2.3	2.2	2.2	2.0	1.8	1.6	1.4	1.2		
Operating Chg	(R-22Oz)		EER	13.5	13.0	12.5	11.9	11.5	11.3	10.7	10.1	9.0	8.5	8.0	7.6	7.4	6.8	6.2	5.5	4.8	4.1		
(25 Ft Line)*	114		HI PR	250	240	230	220	215	211	203	195	186	178	171	167	164	158	152	145	140	135		
Service Driers			LO PR	76	70	66	60	57	55	50	45	41	36	32	30	29	24	21	18	15	12		
Liquid/Chg	8CuIn/7oz	Calculated averaged performance data, for service applications for all matches.																				Part No:	
Suction	30SqIn	*Add or Substract (Oz per Ft) for Lines: .25oz -1/4 Liq, .45oz- 5/16 Liq, .60oz - 3/8 Liq, 1.2 oz - 1/2 Liq																				**1086859**	

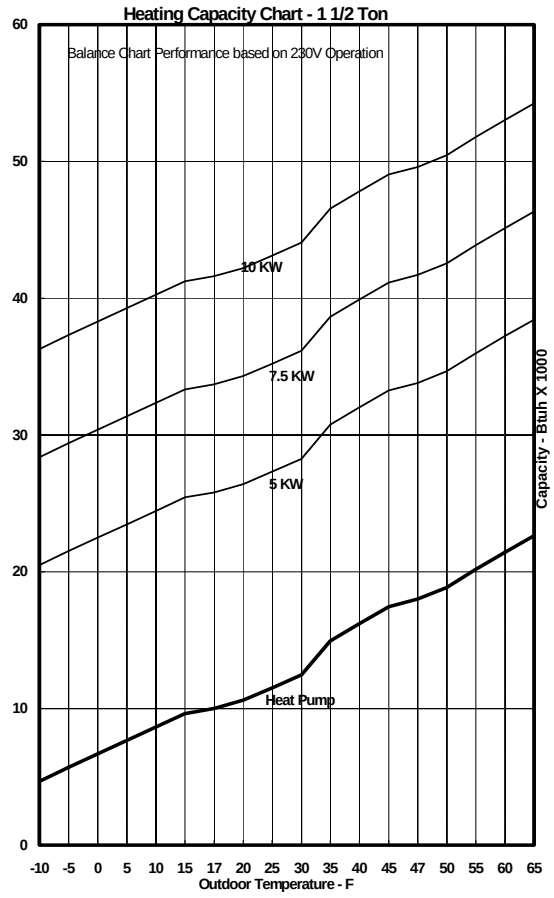
Style No:	CHP/HHP230			Outdoor Ambient Temperature - Degrees F. Dry Bulb																			
Voltage	208/230			75				85				95				105				115			
Phase	1			Entering Indoor Temperature - Degrees F. Wet Bulb																			
Ampacity	18.3	IDB		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
Wire Ga	14		MBh	27.0	27.8	30.1	32.3	26.4	27.2	29.4	31.6	25.7	26.5	28.7	30.8	24.5	25.2	27.3	29.2	22.7	23.3	25.2	27.1
Wire Ft	29		S/T	.87	.78	.59	.38	.89	.80	.60	.39	.92	.82	.62	.40	.95	.85	.65	.42	.96	.86	.65	.42
Delay Fuse	25	75	AMPS	8.9	9.2	9.5	9.8	9.7	10.0	10.3	10.7	10.4	10.6	11.0	11.4	11.1	11.3	11.7	12.2	11.7	12.0	12.4	12.9
Max. Fuse	30		HI PR	173	186	196	205	197	212	223	233	224	241	254	265	252	271	286	299	278	299	316	330
Compressor	COPELAND		LO PR	62	66	73	77	65	69	75	80	68	73	79	84	71	76	83	88	74	79	86	91
RLA	13.46		MBh	27.5	28.1	30.0	32.1	26.9	27.4	29.3	31.3	26.2	26.8	28.6	30.6	24.9	25.4	27.2	29.0	23.1	23.6	25.2	26.9
LRA	72.5		S/T	.95	.89	.73	.54	.98	.92	.75	.56	1.00	.95	.77	.58	1.00	.98	.80	.60	1.00	.99	.81	.60
Cap MFD/V	45 / 370	80	AMPS	9.0	9.2	9.5	9.9	9.8	10.0	10.4	10.8	10.5	10.7	11.1	11.5	11.2	11.4	11.8	12.3	11.8	12.1	12.5	13.0
CC Heater	NONE		HI PR	175	188	198	207	199	214	226	235	226	243	257	268	254	274	289	302	281	303	319	333
Start Kit	NONE		LO PR	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	89	75	79	87	92
Fan Motor-HP	1/5		MBh	28.0	28.5	29.9	31.9	27.3	27.9	29.2	31.1	26.7	27.2	28.5	30.4	25.3	25.8	27.0	28.8	23.5	23.9	25.0	26.7
Type	PSC		S/T	1.00	.96	.87	.71	1.00	.99	.89	.72	1.00	1.00	.92	.75	1.00	1.00	.96	.78	1.00	1.00	.96	.78
FLA	1.38	85	AMPS	9.1	9.3	9.6	10.0	9.9	10.1	10.5	10.9	10.6	10.8	11.2	11.6	11.3	11.5	11.9	12.4	11.9	12.2	12.6	13.1
LRA	2.13		HI PR	176	190	200	209	201	216	228	238	228	246	260	271	257	277	292	305	284	306	323	337
MAX RPM	1075		LO PR	64	68	74	79	66	70	77	82	70	74	81	86	73	78	85	90	75	80	88	93
Cap MFD/V	5 / 370	Heating		Outdoor Ambient Temperature - Degrees F. Dry Bulb																			
PTCR	NONE	IDB		65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10		
Hi Press	NONE		MBh	36.0	34.0	32.1	29.9	28.6	27.7	25.7	23.7	21.2	19.6	18.0	17.0	16.4	14.7	13.0	11.4	9.7	7.9		
Low Press	NONE		T/R	33	32	30	28	26	26	24	22	20	18	17	16	15	14	12	11	9	7		
Low Amb	NONE		KW	2.6	2.6	2.5	2.5	2.4	2.4	2.4	2.3	2.4	2.3	2.3	2.3	2.2	2.2	2.1	2.1	2.0	2.0		
Defrost	ElecTime-Temp	70	AMPS	11.7	10.8	10.1	9.5	9.2	9.0	8.5	8.1	7.7	7.4	7.0	6.9	6.8	6.4	6.0	5.6	5.2	4.7		
Sensor	31-71		COP	4.0	3.9	3.8	3.6	3.5	3.4	3.2	3.0	2.6	2.4	2.3	2.2	2.1	2.0	1.8	1.6	1.4	1.2		
Operating Chg	(R-22Oz)		EER	13.8	13.3	12.8	12.2	11.8	11.5	10.9	10.3	8.8	8.3	7.8	7.5	7.3	6.7	6.1	5.5	4.8	4.0		
(25 Ft Line)*	121		HI PR	229	219	211	202	197	193	186	178	171	163	157	153	150	144	139	133	128	124		
Service Driers			LO PR	70	65	61	56	53	51	47	42	38	34	30	28	27	22	19	16	14	11		
Liquid/Chg	8CuIn/7oz	Calculated averaged performance data, for service applications for all matches.																				Part No:	
Suction	30SqIn	*Add or Substract (Oz per Ft) for Lines: .25oz -1/4 Liq, .45oz- 5/16 Liq, .60oz - 3/8 Liq, 1.2 oz - 1/2 Liq																				**1086860**	

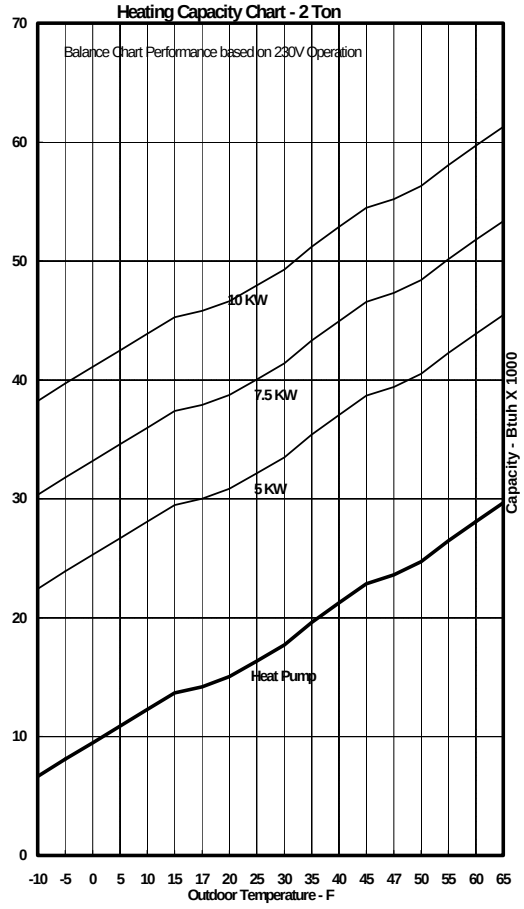
Style No:	CHP/HHP236			Outdoor Ambient Temperature - Degrees F. Dry Bulb																			
Voltage	208/230			75				85				95				105				115			
Phase	1			Entering Indoor Temperature - Degrees F. Wet Bulb																			
Ampacity	21.4	IDB		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
Wire Ga	12		MBh	32.7	33.7	36.4	39.1	31.9	32.9	35.6	38.2	31.1	32.1	34.7	37.2	29.6	30.5	33.0	35.4	27.4	28.2	30.5	32.8
Wire Ft	38		S/T	.86	.77	.58	.37	.88	.79	.60	.38	.91	.81	.61	.40	.94	.84	.64	.41	.95	.85	.64	.41
Delay Fuse	30	75	AMPS	10.9	11.1	11.5	11.9	11.8	12.1	12.4	12.9	12.6	12.9	13.3	13.8	13.3	13.7	14.1	14.6	14.1	14.5	14.9	15.5
Max. Fuse	35		HI PR	165	177	187	195	187	202	213	222	213	230	243	253	240	258	273	285	265	286	301	314
Compressor	COPELAND		LO PR	61	65	71	75	63	67	74	78	66	71	77	82	70	74	81	86	72	77	84	89
RLA	16.03		MBh	33.3	34.0	36.3	38.8	32.5	33.2	35.5	37.9	31.7	32.4	34.6	37.0	30.1	30.8	32.9	35.1	27.9	28.5	30.4	32.5
LRA	88		S/T	.94	.88	.72	.54	.96	.90	.74	.55	1.00	.93	.76	.57	1.00	.97	.79	.59	1.00	.98	.80	.59
Cap MFD/V	50 / 370	80	AMPS	11.0	11.2	11.6	12.0	11.9	12.2	12.6	13.0	12.7	13.0	13.4	13.9	13.5	13.8	14.2	14.8	14.2	14.6	15.1	15.6
CC Heater	NONE		HI PR	166	179	189	197	189	204	215	224	216	232	245	256	243	261	276	287	268	288	305	318
Start Kit	NONE		LO PR	62	65	71	76	64	68	74	79	67	71	78	83	70	75	82	87	73	77	85	90
Fan Motor-HP	1/3		MBh	33.9	34.5	36.1	38.6	33.1	33.7	35.3	37.6	32.2	32.9	34.4	36.7	30.6	31.2	32.7	34.9	28.4	28.9	30.3	32.3
Type	PSC		S/T	.99	.95	.86	.70	1.00	.98	.88	.71	1.00	1.00	.91	.74	1.00	1.00	.94	.77	1.00	1.00	.95	.77
FLA	1.36	85	AMPS	11.1	11.3	11.7	12.1	12.0	12.3	12.7	13.1	12.8	13.1	13.5	14.0	13.6	13.9	14.4	14.9	14.4	14.7	15.2	15.8
LRA	3.86		HI PR	168	181	191	199	191	206	217	227	218	234	247	258	245	264	278	290	271	291	308	321
MAX RPM	1075		LO PR	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	78	85	91
Cap MFD/V	5 / 370	Heating		Outdoor Ambient Temperature - Degrees F. Dry Bulb																			
PTCR	NONE	IDB		65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10		
Hi Press	NONE		MBh	45.3	42.8	40.4	37.7	36.0	34.9	32.4	29.9	28.2	26.0	23.9	22.6	21.8	19.5	17.3	15.1	12.9	10.6		
Low Press	NONE		T/R	35	33	31	29	28	27	25	23	22	20	18	17	17	15	13	12	10	8		
Low Amb	NONE		KW	3.5	3.4	3.3	3.3	3.2	3.2	3.1	3.1	3.1	3.0	3.0	2.9	2.9	2.8	2.8	2.7	2.6	2.6		
Defrost	ElecTime-Temp	70	AMPS	16.6	15.4	14.4	13.6	13.1	12.9	12.1	11.5	11.1	10.6	10.1	9.8	9.7	9.2	8.6	8.2	7.6	6.8		
Sensor	31-71		COP	3.8	3.7	3.5	3.4	3.3	3.2	3.0	2.8	2.7	2.5	2.4	2.3	2.2	2.0	1.8	1.6	1.4	1.2		
Operating Chg	(R-22Oz)		EER	13.0	12.6	12.1	11.5	11.1	10.9	10.3	9.7	9.1	8.6	8.1	7.7	7.5	6.9	6.3	5.6	4.9	4.1		
(25 Ft Line)*	161		HI PR	265	254	244	233	228	224	215	206	198	189	181	177	174	167	161	154	149	143		
Service Driers			LO PR	73	68	63	58	55	53	49	43	39	35	31	29	28	23	20	17	15	12		
Liquid/Chg	16CuIn/11oz	Calculated averaged performance data, for service applications for all matches.																				Part No:	
Suction	30SqIn	*Add or Substract (Oz per Ft) for Lines: .25oz -1/4 Liq, .45oz- 5/16 Liq, .60oz - 3/8 Liq, 1.2 oz - 1/2 Liq																				**1086861**	

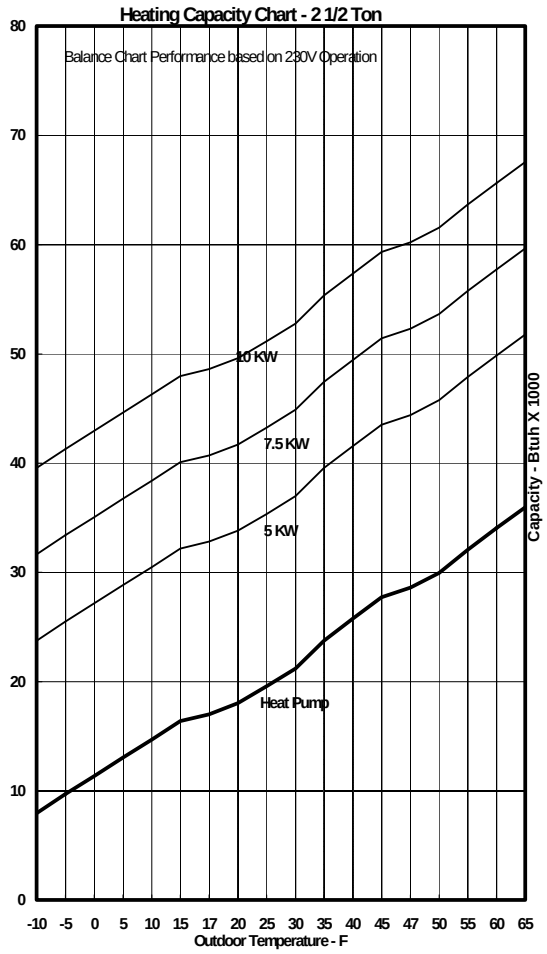
Style No:	CHP/HHP242			Outdoor Ambient Temperature - Degrees F. Dry Bulb																			
Voltage	208/230			75				85				95				105				115			
Phase	1			Entering Indoor Temperature - Degrees F. Wet Bulb																			
Ampacity	23.9	IDB		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
Wire Ga	12		MBh	37.3	38.4	41.6	44.6	36.4	37.5	40.6	43.6	35.6	36.6	39.6	42.5	33.8	34.8	37.6	40.4	31.3	32.2	34.9	37.4
Wire Ft	32		S/T	.85	.76	.57	.37	.87	.78	.59	.38	.90	.80	.61	.39	.93	.83	.63	.40	.94	.84	.63	.41
Delay Fuse	35	75	AMPS	13.0	13.3	13.7	14.2	14.1	14.4	14.9	15.5	15.1	15.4	16.0	16.6	16.0	16.4	17.0	17.6	17.0	17.4	18.0	18.7
Max. Fuse	40		HI PR	167	179	190	198	190	204	216	225	216	233	246	256	243	262	276	288	269	289	305	318
Compressor	COPELAND		LO PR	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	90	75	80	87	93
RLA	17.95		MBh	38.0	38.8	41.5	44.3	37.1	37.9	40.5	43.3	36.2	37.0	39.5	42.2	34.4	35.1	37.5	40.1	31.8	32.5	34.8	37.2
LRA	104		S/T	.93	.87	.71	.53	.95	.89	.73	.54	.98	.92	.75	.56	1.00	.96	.78	.58	1.00	.96	.78	.59
Cap MFD/V	55 / 370	80	AMPS	13.1	13.4	13.9	14.4	14.2	14.6	15.1	15.6	15.2	15.6	16.1	16.7	16.2	16.6	17.1	17.8	17.1	17.6	18.2	18.8
CC Heater	NONE		HI PR	168	181	191	200	192	206	218	227	218	235	248	259	246	264	279	291	271	292	308	322
Start Kit	NONE		LO PR	64	68	74	79	66	71	77	82	70	74	81	86	73	78	85	90	76	80	88	94
Fan Motor-HP	1/4		MBh	38.7	39.4	41.3	44.0	37.7	38.5	40.3	43.0	36.8	37.5	39.3	41.9	35.0	35.7	37.3	39.8	32.4	33.0	34.6	36.9
Type	PSC		S/T	.97	.94	.85	.69	1.00	.96	.87	.71	1.00	.99	.90	.73	1.00	1.00	.93	.76	1.00	1.00	.94	.76
FLA	1.5	85	AMPS	13.2	13.5	14.0	14.5	14.4	14.7	15.2	15.8	15.4	15.7	16.2	16.9	16.3	16.7	17.3	18.0	17.3	17.7	18.3	19.0
LRA	2.9		HI PR	170	183	193	202	194	208	220	229	220	237	250	261	248	267	282	294	274	295	311	325
MAX RPM	840		LO PR	65	69	75	80	67	71	78	83	70	75	82	87	74	79	86	91	76	81	89	94
Cap MFD/V	7.5 / 370	Heating		Outdoor Ambient Temperature - Degrees F. Dry Bulb																			
PTCR	NONE	IDB		65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10		
Hi Press	NONE		MBh	52.8	50.0	47.1	44.0	42.0	40.7	37.8	34.9	31.9	29.4	27.1	25.6	24.7	22.1	19.6	17.1	14.6	12.0		
Low Press	NONE		T/R	35	33	31	29	28	27	25	23	21	19	18	17	16	15	13	11	10	8		
Low Amb	NONE		KW	3.8	3.8	3.7	3.6	3.6	3.5	3.5	3.4	3.5	3.4	3.3	3.3	3.3	3.2	3.1	3.0	2.9	2.8		
Defrost	ElecTime-Temp	70	AMPS	19.1	17.7	16.5	15.6	15.0	14.7	13.9	13.2	12.6	12.0	11.5	11.2	11.0	10.5	9.8	9.2	8.5	7.7		
Sensor	31-71		COP	4.0	3.9	3.7	3.6	3.5	3.4	3.2	3.0	2.7	2.5	2.4	2.3	2.2	2.0	1.9	1.7	1.5	1.2		
Operating Chg	(R-22Oz)		EER	13.8	13.3	12.8	12.2	11.8	11.5	11.0	10.3	9.1	8.6	8.1	7.8	7.6	7.0	6.3	5.7	5.0	4.2		
(25 Ft Line)*	184		HI PR	258	247	238	227	222	218	209	201	192	184	176	172	169	163	157	150	145	140		
Service Driers			LO PR	72	66	62	57	54	52	48	43	38	34	30	28	27	23	20	17	15	11		
Liquid/Chg	16CuIn/11oz	Calculated averaged performance data, for service applications for all matches.																				Part No:	
Suction	30SqIn	*Add or Substract (Oz per Ft) for Lines: .25oz -1/4 Liq, .45oz- 5/16 Liq, .60oz - 3/8 Liq, 1.2 oz - 1/2 Liq																				**1086862**	

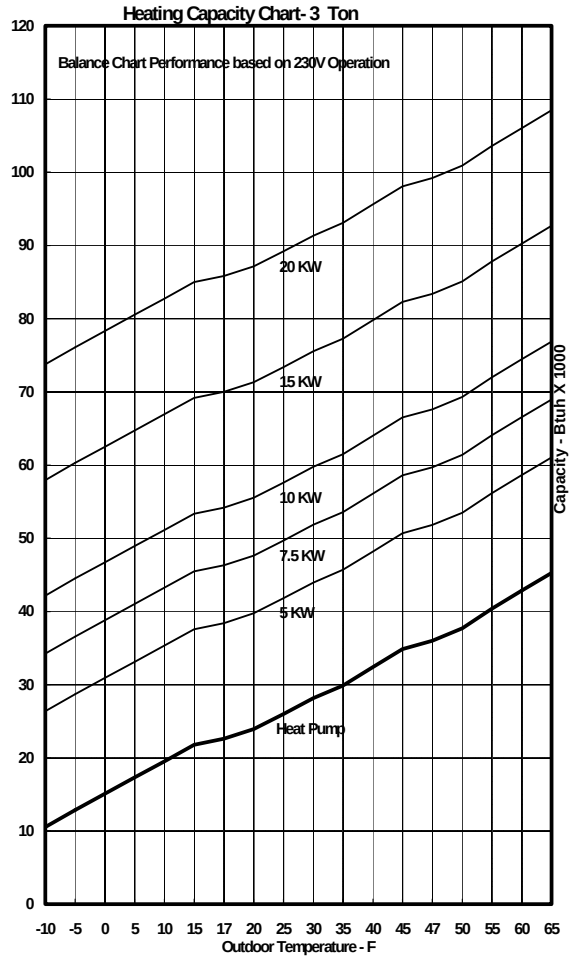
Style No:	CHP/HHP248			Outdoor Ambient Temperature - Degrees F. Dry Bulb																			
Voltage	208/230			75				85				95				105				115			
Phase	1			Entering Indoor Temperature - Degrees F. Wet Bulb																			
Ampacity	25.9	IDB		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
Wire Ga	10		MBh	43.5	44.8	48.4	52.0	42.4	43.7	47.3	50.8	41.4	42.6	46.1	49.5	39.3	40.5	43.8	47.0	36.4	37.5	40.6	43.6
Wire Ft	39		S/T	.86	.77	.58	.37	.88	.79	.60	.38	.91	.81	.61	.40	.94	.84	.64	.41	.95	.85	.64	.41
Delay Fuse	40	75	AMPS	13.9	14.3	14.7	15.3	15.1	15.5	16.0	16.6	16.2	16.6	17.1	17.8	17.2	17.7	18.3	19.0	18.3	18.7	19.4	20.1
Max. Fuse	45		HI PR	157	169	179	187	179	193	203	212	204	219	232	242	229	247	261	272	253	273	288	300
Compressor	COPELAND		LO PR	58	61	67	71	60	64	70	74	63	67	73	78	66	70	77	82	68	73	79	85
RLA	19.52		MBh	44.2	45.2	48.3	51.6	43.2	44.1	47.2	50.4	42.1	43.1	46.0	49.2	40.0	40.9	43.7	46.7	37.1	37.9	40.5	43.3
LRA	137		S/T	.94	.88	.72	.54	.96	.90	.74	.55	1.00	.93	.76	.57	1.00	.97	.79	.59	1.00	.98	.80	.59
Cap MFD/V	60 / 440	80	AMPS	14.0	14.4	14.9	15.4	15.3	15.6	16.2	16.8	16.3	16.7	17.3	18.0	17.4	17.8	18.4	19.1	18.4	18.9	19.5	20.3
CC Heater	NONE		HI PR	159	171	181	188	181	195	205	214	206	222	234	244	232	249	263	275	256	275	291	303
Start Kit	NONE		LO PR	58	62	68	72	61	65	70	75	64	68	74	79	67	71	78	83	69	73	80	85
Fan Motor-HP	1/4		MBh	45.0	45.9	48.1	51.3	43.9	44.8	46.9	50.1	42.9	43.7	45.8	48.8	40.7	41.5	43.5	46.4	37.7	38.5	40.3	43.0
Type	PSC		S/T	.99	.95	.86	.70	1.00	.98	.88	.71	1.00	1.00	.91	.74	1.00	1.00	.94	.77	1.00	1.00	.95	.77
FLA	1.5	85	AMPS	14.2	14.5	15.0	15.6	15.4	15.8	16.3	16.9	16.5	16.9	17.5	18.1	17.6	18.0	18.6	19.3	18.6	19.1	19.7	20.5
LRA	2.9		HI PR	161	173	182	190	183	197	208	216	208	224	236	247	234	252	266	277	259	278	294	306
MAX RPM	840		LO PR	59	63	68	73	61	65	71	76	64	68	75	80	67	72	78	83	70	74	81	86
Cap MFD/V	7.5 / 370	Heating		Outdoor Ambient Temperature - Degrees F. Dry Bulb																			
PTCR	NONE	IDB		65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10		
Hi Press	NONE		MBh	59.7	56.5	53.2	49.7	47.5	46.0	42.8	39.4	37.4	34.5	31.8	30.0	28.9	25.9	23.0	20.0	17.1	14.0		
Low Press	NONE		T/R	35	33	31	29	27	27	25	23	22	20	18	17	17	15	13	12	10	8		
Low Amb	NONE		KW	5.0	4.9	4.8	4.7	4.6	4.6	4.5	4.4	4.4	4.3	4.2	4.1	4.1	4.0	3.9	3.8	3.7	3.6		
Defrost	ElecTime-Temp	70	AMPS	23.7	21.9	20.5	19.2	18.5	18.1	17.1	16.2	15.5	14.8	14.0	13.7	13.5	12.8	11.9	11.2	10.3	9.2		
Sensor	31-71		COP	3.5	3.4	3.2	3.1	3.0	2.9	2.8	2.6	2.5	2.4	2.2	2.1	2.1	1.9	1.7	1.6	1.4	1.2		
Operating Chg	(R-22Oz)		EER	11.9	11.5	11.1	10.6	10.2	10.0	9.5	9.0	8.5	8.1	7.6	7.3	7.1	6.5	5.9	5.3	4.7	3.9		
(25 Ft Line)*	275		HI PR	299	286	275	263	257	252	242	233	223	213	204	199	196	188	181	174	168	162		
Service Driers			LO PR	76	70	66	60	57	55	50	45	41	36	32	30	29	24	21	18	15	12		
Liquid/Chg	30CuIn/17oz	Calculated averaged performance data, for service applications for all matches.																				Part No:	
Suction	30SqIn	*Add or Substract (Oz per Ft) for Lines: .25oz -1/4 Liq, .45oz- 5/16 Liq, .60oz - 3/8 Liq, 1.2 oz - 1/2 Liq																				**1086863**	

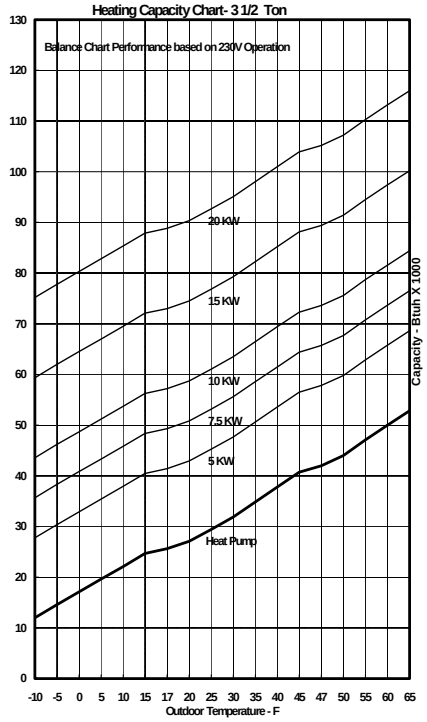
Style No:	CHP/HHP260		Outdoor Ambient Temperature - Degrees F. Dry Bulb																			
Voltage	208/230		75				85				95				105				115			
Phase	1		Entering Indoor Temperature - Degrees F. Wet Bulb																			
Ampacity	37.6	IDB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
Wire Ga	8		MBh	53.9	55.5	60.0	64.4	52.6	54.1	58.6	62.9	51.3	52.8	57.2	61.4	48.7	50.2	54.3	58.3	45.1	46.5	50.3	54.0
Wire Ft	51		S/T	.84	.75	.57	.36	.86	.77	.58	.37	.88	.79	.60	.38	.92	.82	.62	.40	.93	.83	.63	.40
Delay Fuse	50	75	AMPS	18.6	19.1	19.7	20.5	20.3	20.8	21.5	22.3	21.7	22.2	23.0	23.9	23.1	23.7	24.5	25.4	24.5	25.1	26.0	27.0
Max. Fuse	60		HI PR	164	177	186	195	187	201	212	221	213	229	242	252	239	257	272	283	264	284	300	313
Compressor	COPELAND		LO PR	61	65	71	75	63	67	74	78	66	71	77	82	70	74	81	86	72	77	84	89
RLA	28.85		MBh	54.8	56.0	59.9	64.0	53.5	54.7	58.4	62.5	52.2	53.4	57.0	60.9	49.6	50.7	54.2	57.9	45.9	46.9	50.2	53.6
LRA	169		S/T	.92	.86	.70	.52	.94	.88	.72	.54	.97	.91	.74	.55	1.00	.94	.77	.57	1.00	.95	.77	.58
Cap MFD/V	80 / 370	80	AMPS	18.8	19.3	19.9	20.7	20.5	21.0	21.7	22.5	21.9	22.4	23.2	24.1	23.3	23.9	24.7	25.7	24.7	25.4	26.2	27.2
CC Heater	NONE		HI PR	166	178	188	196	189	203	214	223	215	231	244	254	242	260	275	286	267	287	303	316
Start Kit	NONE		LO PR	62	65	71	76	64	68	74	79	67	71	78	83	70	75	82	87	73	77	85	90
Fan Motor-HP	1/4		MBh	55.8	56.9	59.6	63.5	54.5	55.5	58.1	62.0	53.1	54.2	56.7	60.5	50.5	51.4	53.9	57.5	46.7	47.7	49.9	53.2
Type	PSC		S/T	.96	.93	.84	.68	.98	.95	.86	.70	1.00	.98	.89	.72	1.00	1.00	.92	.75	1.00	1.00	.93	.75
FLA	1.5	85	AMPS	19.0	19.4	20.1	20.9	20.6	21.2	21.9	22.7	22.1	22.6	23.4	24.3	23.5	24.1	25.0	25.9	25.0	25.6	26.5	27.5
LRA	2.9		HI PR	167	180	190	198	190	205	216	226	217	233	246	257	244	263	277	289	270	290	306	319
MAX RPM	840		LO PR	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	78	85	91
Cap MFD/V	7.5 / 370	Heating	Outdoor Ambient Temperature - Degrees F. Dry Bulb																			
PTCR	NONE	IDB	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10		
Hi Press	NONE		MBh	75.4	71.4	67.3	62.8	60.0	58.1	54.0	49.8	47.3	43.7	40.2	38.0	36.6	32.8	29.1	25.4	21.7	17.7		
Low Press	NONE		T/R	35	33	31	29	28	27	25	23	22	20	19	18	17	15	13	12	10	8		
Low Amb	NONE		KW	6.0	5.9	5.7	5.6	5.6	5.5	5.4	5.3	5.4	5.3	5.1	5.1	5.0	4.9	4.8	4.7	4.5	4.4		
Defrost	ElecTime-Temp	70	AMPS	30.8	28.4	26.6	24.9	24.0	23.5	22.1	21.0	20.0	19.1	18.2	17.7	17.5	16.5	15.4	14.4	13.3	11.9		
Sensor	31-71		COP	3.7	3.6	3.4	3.3	3.2	3.1	2.9	2.8	2.6	2.4	2.3	2.2	2.1	2.0	1.8	1.6	1.4	1.2		
Operating Chg	(R-22Oz)		EER	12.6	12.2	11.7	11.2	10.8	10.5	10.0	9.4	8.8	8.3	7.8	7.5	7.3	6.7	6.1	5.5	4.8	4.0		
(25 Ft Line)*	290		HI PR	273	262	252	241	235	231	222	213	204	195	187	182	179	172	166	159	153	148		
Service Driers			LO PR	69	64	60	55	52	50	46	41	37	33	29	27	26	22	19	16	14	11		
Liquid/Chg	30CuIn/17oz	Calculated averaged performance data, for service applications for all matches.																			Part No:	
Suction	30SqIn	*Add or Substract (Oz per Ft) for Lines: .25oz -1/4 Liq, .45oz- 5/16 Liq, .60oz - 3/8 Liq, 1.2 oz - 1/2 Liq																			**1086864**	

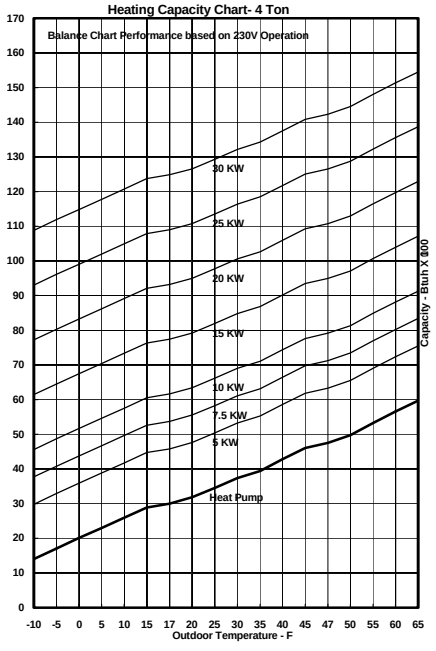


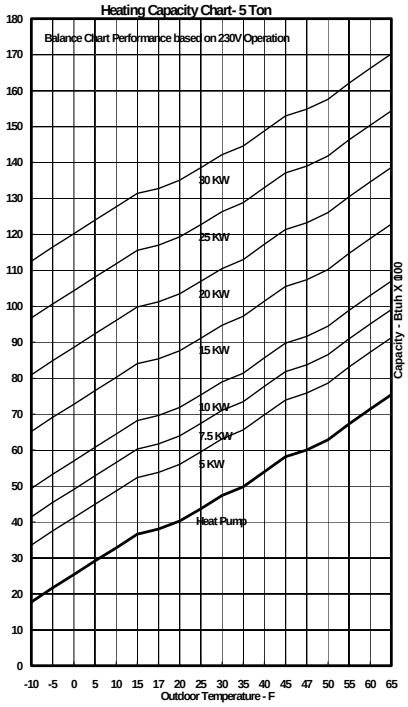



Heating Capacity Chart - 2 1/2 Ton
Balance Chart Performance based on 230V Operation
10 KW
7.5 KW
5 KW
Heat Pump
Capacity - Btuh X 1000
Outdoor Temperature - F


Heating Capacity Chart- 3 Ton
Balance Chart Performance based on 230V Operation
20 KW
15 KW
10 KW
7.5 KW
5 KW
Heat Pump
Capacity - Btuh X 1000
Outdoor Temperature - F


Heating Capacity Chart- 3 1/2 Ton
Balance Chart Performance based on 230V Operation
20 KW
15 KW
10 KW
7.5 KW
5 KW
Heat Pump
Capacity - Btuh X 1000
Outdoor Temperature - F


Heating Capacity Chart- 4 Ton
Balance Chart Performance based on 230V Operation
30 KW
25 KW
20 KW
15 KW
10 KW
7.5 KW
5 KW
Heat Pump
Capacity - Btuh X 1000
Outdoor Temperature - F


Heating Capacity Chart- 5 Ton
Balance Chart Performance based on 230V Operation
30 KW
25 KW
20 KW
15 KW
10 KW
7.5 KW
5 KW
Heat Pump
Capacity - Btuh X 1000
Outdoor Temperature - F