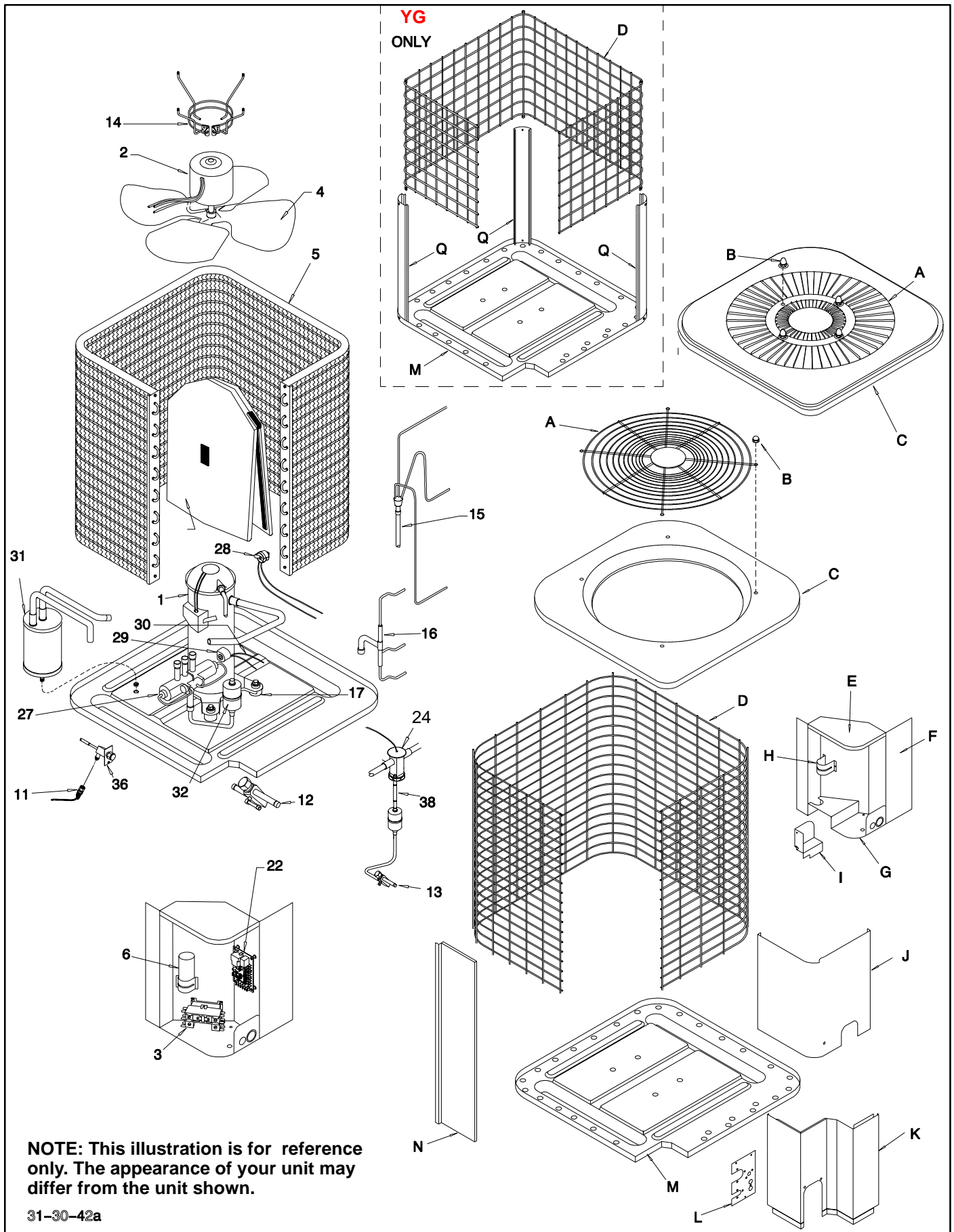


Replacement Parts, Tech Data & Wiring Diagram CH95 & YG SERIES



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

31-30-42a

Replacement Parts - CH95 & YG SERIES

Models - CH9518VKC2, CH9524VKC1, CH9530VKC1, CH9536VKC1, CH9542VKC1, CH9548VKC1, CH9560VKC1
YG018GB2, YG024GB1, YG030GB1, YG036GB1, YG042GB1, YG048GB1, YG060GB1

KEY NO.	DESCRIPTION	PART NUMBER	18	24	30	36	42	48	60
1	Compressor, ZR16K4PFV	1085764	1						
1	ZR22K3PFV	1082755	*	1					
1	ZR28K3PFV	1082756	*	*	1				
1	ZR34K3PFV	1081881	*	*	*	1			
1	ZR40K3PFV	1083000	*	*	*	*	1		
1	ZR47K3PFV	1085274	*	*	*	*	*	1	
1	ZR57K3PFV	1083019	*	*	*	*	*	*	1
2	Motor, Fan 1/5Hp - 1Spd	1082639	1	1	1				
2	1/3Hp - 1Spd	1082642	*	*	*	1			
2	1/4Hp - 1Spd	1052820	*	*	*	*	1	1	1
3	Contact, 25Amp	1050699	1	1	1	1	1	1	
3	35Amp	1050839	*	*	*	*	*	*	1
3	40Amp	1059574	*	*	*	*	*	*	1
4	Fan	1080774	1	1	1				
4		1080777	*	*	*	1			
4		1053341	*	*	*	*	1	1	
4		1053345	*	*	*	*	*	*	1
5	Coil, Condenser	1085078	1						
5		1085079	*	1	1				
5		1085080	*	*	*	1			
5		1085081	*	*	*	*	1		
5		1085265	*	*	*	*	*	1	1
6	Capacitor, 30+3Mfd,370Volt	1082631	1						
6	40+3Mfd,370Volt	1082633	*	1					
6	45+3Mfd,370Volt	1082759	*	*	1				
6	50+5Mfd,370Volt	1094993	*	*	*	1			
6	55+5Mfd,370Volt	1068556	*	*	*	*	1		
6	60+5Mfd,370Volt	1095025	*	*	*	*	*	1	
6	80+5Mfd,370Volt	1149996	*	*	*	*	*	*	1
11	Switch, Low Pressure	1081019	1	1	1	1	1	1	1
12	Valve, Service (Suction)	1080995	1	1	1				
12		1080980	*	*	*	1			
12		1080996	*	*	*	*	1	1	
12		1084848	*	*	*	*	*	*	1
13	Valve, Service (Liquid)	1080999	1	1	1	1	1	1	1
13		1081000	*	*	*	*	1		
14	Mount, Fan Motor (CH95 Only)	1051460	1	1	1	1			
14		1081813	*	*	*	*	1	1	1
15	Distributor Assembly	1085091	1						
15		1085095	*	1	1				
15		1085200	*	*	*	1	1		
15		1085262	*	*	*	*	*	1	1
16	Manifold Assembly	1085086	1						
16		1085098	*	1	1				
16		1085084	*	*	*	1	1		
16		1085013	*	*	*	*	*	4	4
16		1085257	*	*	*	*	*	1	1
17	Grommet, Compressor Mounting	1052060	4	4	4	4	4	4	4
22	Control, Defrost	1069364	1	1	1	1	1	1	1
24	Valve, Expansion	1081725	1	1					
24		1081726	*	*	1				
24		1081727	*	*	*	1	1		
24		1085277	*	*	*	*	*	1	1
25	Drier, Filter	1064507	1	1	1	1	1	1	1
27	Valve, Reversing	34329021	1	1					
27		34329001	*	*	1				
27		1080947	*	*	*	1			
27		34329003	*	*	*	*	1	1	
27		1080972	*	*	*	*	*	*	1
28	Sensor, Defrost	1082738	1	1	1	1	1	1	1
29	Coil, Reversing Valve, 24 Volt	34329055	1	1	1	1	1	1	1
30	Harness, Reversing Valve	1066711	1	1	1	1	1	1	1
31	Accumulator	1092835	1	1	1				
31		1081064	*	*	*	1			
31		1081063	*	*	*	*	1		
31		1061328	*	*	*	*	*	1	1
32	Muffler	1059730	1	1	1	1	1	1	1
36	Port Assembly, Hi/Lo (Test)	1080998	1	1	1	1	1	1	1
38	Control, Flow .061	1085323	*	*	*	*	*	1	
38	.095	1085324	*	*	*	*	*	*	1
39	Plug, Compressor Wire	1081938	1						
39		1081939	*	1	1	1			
39		1081940	*	*	*	*	1	1	1

KEY NO.	DESCRIPTION	PART NUMBER	18	24	30	36	42	48	60
A	Grille, Outlet	1084613	*	*	*	*	1	1	1
A	(YG Only)	1085233	1	1	1	1			
B	Nut, Cap (CH95 Only)	1052963	4	4	4	4			
B	(YG Only)	1085244	4	4	4	4			
B		1085243	*	*	*	*	4	4	4
C	Panel, Top (CH95 Only)	1084559	1	1	1	1			
C	(YG Only)	1084558	1	1	1	1			
C		1084560	*	*	*	*	1	1	1
D	Grille, Inlet (CH95 Only)	1085053	1						
D	(YG Only)	1085065	1						
D	(CH95 Only)	1084939	*	1	1	1			
D	(YG Only)	1085113	*	1	1	1			
D		1085055	*	*	*	*	1		
D		1084941	*	*	*	*	*	1	1
E	Top, Control Box	1064362	1	1	1	1	1	1	1
F	Box, Control	1060005	1	1	1	1	1	1	1
G	Bottom, Control Box	1064364	1	1	1	1	1	1	1
H	Clamp, Capacitor	1095021	1	1	1				
H		1064218	*	*	*	1	1	1	1
I	Divider, Low Voltage	1051297	1	1	1	1	1	1	1
J	Cover, Control Box	1084564	1	1	1	1	1	1	1
K	Panel, Corner	1085050	1						
K		1084951	*	1	1	1	1		
K		1084952	*	*	*	*	*	1	1
L	Plate, Fitting	1052849	1	1	1	1	1	1	1
L		1081007	*	*	*	*	*	*	1
M	Panel, Base (CH95 Only)	1084552	1	1	1	1			
M	(YG Only)	1084553	1	1	1	1			
M		1084554	*	*	*	*	1	1	1
N	Panel, Access	1085051	*	*	*	*	1		
N		1085019	*	*	*	*	*	1	1
Q	Post, Corner (YG Only)	1084582	3						
Q	(YG Only)	1085112	*	3	3	3			
)	Manual, Parts List	42804240300	1	1	1	1	1	1	1
)	Manual, Installation	42801120100	1	1	1	1	1	1	1
)	Manual, Users	42802110100	1	1	1	1	1	1	1

TECH DATA

CH9518VKC1 YG018GB2

Style No:	18DHA-00097ZR	Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
		75				85				95				105				115							
		Entering Indoor Temperature - Degrees F. Wet Bulb																							
Voltage		208-230		IDB		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
Phase	1	75	MBh	16.4	16.9	18.3	19.6	16.0	16.5	17.8	19.1	15.6	16.1	17.4	18.7	14.8	15.3	16.5	17.7	13.7	14.1	15.3	16.4		
Ampacity	12		S/T	0.86	0.77	0.58	0.37	0.88	0.78	0.59	0.38	0.91	0.81	0.61	0.39	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41		
Wire Ga/Ft	14 / 20		AMPS	5.4	5.5	5.7	5.9	5.9	6.0	6.2	6.4	6.3	6.4	6.6	6.8	6.6	6.8	7.0	7.3	7.0	7.2	7.4	7.7		
Delay Fuse	15		HI PR	158	170	180	188	180	194	205	214	205	221	233	243	231	248	262	274	255	274	290	302		
Max. Fuse	20	80	LO PR	64	68	74	79	66	70	77	82	70	74	81	86	73	78	85	90	75	80	88	93		
Compressor	Copeland		MBh	16.7	17.0	18.2	19.5	16.3	16.6	17.8	19.0	15.9	16.2	17.3	18.5	15.1	15.4	16.5	17.6	14.0	14.3	15.3	16.3		
RLA	10		S/T	0.94	0.88	0.72	0.54	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.97	0.79	0.59		
LRA	41.8		AMPS	5.5	5.6	5.8	6.0	5.9	6.1	6.3	6.5	6.3	6.5	6.7	6.9	6.7	6.9	7.1	7.3	7.1	7.3	7.5	7.8		
Cap MFD/V	25/370	85	HI PR	160	172	182	190	182	196	207	216	207	223	236	246	233	251	265	276	258	277	293	305		
CC Heater	None		LO PR	64	69	75	80	67	71	78	83	70	75	82	87	74	78	86	91	76	81	88	94		
Start Kit	None		MBh	17.0	17.3	18.1	19.3	16.6	16.9	17.7	18.9	16.2	16.5	17.3	18.4	15.4	15.7	16.4	17.5	14.2	14.5	15.2	16.2		
Fan Motor-HP	1 / 8		S/T	0.98	0.95	0.86	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77		
Type	PSC	Heating	AMPS	5.5	5.6	5.8	6.0	6.0	6.1	6.3	6.5	6.4	6.5	6.7	7.0	6.8	6.9	7.1	7.4	7.2	7.3	7.6	7.8		
FLA	0.75		HI PR	162	174	184	192	184	198	209	218	209	225	238	248	235	253	268	279	260	280	296	308		
LRA	1.6		LO PR	65	69	76	80	68	72	78	84	71	76	82	88	74	79	86	92	77	82	89	95		
RPM	1075		Outdoor Ambient Temperature - Degrees F. Dry Bulb																						
Cap MFD/V	3/370	70	IDB																						
PTCR	None		65 60 55 50 47 45 40 35 30 25 20 17 15 10 5 0 -5 -10																						
Hi Press	None		MBh	21.9	20.8	19.6	18.3	17.4	16.9	15.7	14.5	13.2	12.2	11.2	10.6	10.2	9.1	8.1	7.1	6.0	4.9				
Low Press	None		T/R	33.3	31.5	29.7	27.7	26.5	25.7	23.8	22.0	20.0	18.5	17.0	16.1	15.5	13.9	12.3	10.7	9.2	7.5				
Low Amb	None	70	KW	1.72	1.69	1.66	1.63	1.61	1.60	1.57	1.54	1.58	1.55	1.51	1.49	1.48	1.45	1.41	1.38	1.35	1.31				
Defrost	ElecTime-Temp		AMPS	8.0	7.4	7.0	6.6	6.3	6.2	5.9	5.6	5.3	5.1	4.9	4.8	4.7	4.5	4.2	4.0	3.7	3.3				
Sensor	31-51		COP	3.72	3.59	3.44	3.28	3.17	3.09	2.93	2.76	2.44	2.30	2.17	2.07	2.01	1.85	1.68	1.50	1.31	1.10				
Operating Chg (25 Ft Line)*	(R-22Oz) 104		EER	12.7	12.3	11.8	11.2	10.8	10.6	10.0	9.4	8.3	7.9	7.4	7.1	6.9	6.3	5.7	5.1	4.5	3.8				
Service Driers	5Culn/5oz	70	HI PR	253	243	234	223	218	214	206	197	189	181	173	169	166	160	154	147	142	137				
Liquid/Chg			17Sqn	LO PR	78	72	68	62	59	57	52	46	42	37	33	30	29	25	21	18	16	12			
Suction			NA	*Add or Subtract (Oz per Ft) for Lines: .25oz -1/4 Liq, .45oz- 5/16 Liq, .60oz - 3/8 Liq																					
Unit Weight	NA		Part No: 1085206																						

CH9524VKC1 YG024GB1

Style No:	24DHA-00097ZR	Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
		75				85				95				105				115							
		Entering Indoor Temperature - Degrees F. Wet Bulb																							
Voltage		208-230		IDB		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
Phase	1	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		
Ampacity	13.8		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		
Wire Ga/Ft	14 / 20		AMPS	6.8	7.0	7.2	7.5	7.4	7.6	7.9	8.1	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.3	8.9	9.2	9.5	9.8		
Delay Fuse	20		HI PR	165	177	187	195	187	202	213	222	213	230	243	253	240	258	273	285	265	286	301	314		
Max. Fuse	20	80	LO PR	65	69	76	81	68	72	79	84	71	76	83	88	75	79	87	92	77	82	90	96		
Compressor	Copeland		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		
RLA	11.4		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		
LRA	56		AMPS	6.9	7.1	7.3	7.6	7.5	7.7	7.9	8.2	8.0	8.2	8.5	8.8	8.5	8.7	9.0	9.4	9.0	9.2	9.5	9.9		
Cap MFD/V	40/370	85	HI PR	166	179	189	197	189	204	215	224	216	232	245	256	243	261	276	287	268	288	305	318		
CC Heater	None		LO PR	66	70	77	82	69	73	80	85	72	77	84	89	75	80	88	93	78	83	91	97		
Start Kit	None		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		
Fan Motor-HP	1 / 6		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		
Type	PSC	Heating	AMPS	7.0	7.1	7.4	7.6	7.6	7.7	8.0	8.3	8.1	8.3	8.5	8.9	8.6	8.8	9.1	9.4	9.1	9.3	9.6	10.0		
FLA	1		HI PR	168	181	191	199	191	206	217	227	218	234	247	258	245	264	278	290	271	291	308	321		
LRA	1.86		LO PR	67	71	77	82	69	74	80	86	73	77	84	90	76	81	88	94	79	84	92	97		
RPM	1075		Outdoor Ambient Temperature - Degrees F. Dry Bulb																						
Cap MFD/V	3/370	70	IDB																						
PTCR	None		65 60 55 50 47 45 40 35 30 25 20 17 15 10 5 0 -5 -10																						
Hi Press	None		MBh	29.9	28.3	26.7	24.9	23.8	23.1	21.4	19.8	17.7	16.3	15.0	14.2	13.7	12.3	10.9	9.5	8.1	6.6				
Low Press	0		T/R	34.6	32.8	30.9	28.8	27.5	26.7	24.8	22.9	20.5	18.9	17.4	16.4	15.8	14.2	12.6	11.0	9.4	7.7				
Low Amb	None	70	KW	2.22	2.18	2.14	2.09	2.07	2.05	2.01	1.97	2.01	1.97	1.93	1.90	1.88	1.84	1.79	1.75	1.71	1.66				
Defrost	ElecTime-Temp		AMPS	10.0	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	31-51		COP	3.94	3.81	3.66	3.48	3.36	3.29	3.12	2.93	2.57	2.43	2.29	2.19	2.13	1.95	1.77	1.58	1.39	1.17				
Operating Chg (25 Ft Line)*	(R-22Oz) 114		EER	13.5	13.0	12.5	11.9	11.5	11.2	10.6	10.0	8.8	8.3	7.8	7.5	7.3	6.7	6.1	5.4	4.7	4.0				
Service Driers	8Culn/7oz	70	HI PR	256	245	236	225	220	216	207	199	191	182	175	171	168	161	155	149	143	138				
Liquid/Chg			30Sqn	LO PR	76	70	66	60	57	55	50	45	40	36	32	30	28	24	21	18	15	12			
Suction			NA	Calculated averaged performance data, for service applications for all matches.																					
Unit Weight	NA		*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: 1085207																							

TECH DATA

CH9530VKC1 YG030GB1

Style No:	30DHA-00097ZR	Outdoor Ambient Temperature - Degrees F. Dry Bulb																			
		75				85				95				105				115			
		Entering Indoor Temperature - Degrees F. Wet Bulb																			
IDB		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
Voltage	208-230																				
Phase	1																				
Ampacity	17.8																				
Wire Ga/Ft	12 / 25																				
Delay Fuse	25																				
Max. Fuse	30																				
Compressor	Copeland																				
RLA	15																				
LRA	72.5																				
Cap MFD/V	45/370																				
CC Heater	None																				
Start Kit	None																				
Fan Motor-HP	1 / 6																				
Type	PSC																				
FLA	1																				
LRA	1.86																				
RPM	1075																				
Cap MFD/V	3/370																				
PTCR	None	Heating																			
Hi Press	None	IDB																			
Low Press	0																				
Low Amb	None																				
Defrost	ElecTime-Temp																				
Sensor	31-51																				
Operating Chg (25 Ft Line)*	(R-22Oz) 121																				
Service Driers																					
Liquid/Chg Suction	8Culn/7oz 30SqIn																				
Unit Weight	NA																				

Calculated averaged performance data, for service applications for all matches. Part No: 1085208

*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

CH9536VKC1 YG036GB1

Style No:	36DHA-00097ZR	Outdoor Ambient Temperature - Degrees F. Dry Bulb																			
		75				85				95				105				115			
		Entering Indoor Temperature - Degrees F. Wet Bulb																			
IDB		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
Voltage	208-230																				
Phase	1																				
Ampacity	21.33																				
Wire Ga/Ft	10 / 30																				
Delay Fuse	30																				
Max. Fuse	35																				
Compressor	COPELAND																				
RLA	17.9																				
LRA	88																				
Cap MFD/V	50/370																				
CC Heater	NONE																				
Start Kit	NONE																				
Fan Motor-HP	1 / 3																				
Type	PSC																				
FLA	1.3																				
LRA	3.56																				
RPM	1120																				
Cap MFD/V	5/370																				
PTCR	NONE	Heating																			
Hi Press	NONE	IDB																			
Low Press	0																				
Low Amb	NONE																				
Defrost	ElecTime-Temp																				
Sensor	31-51																				
Operating Chg (25 Ft Line)*	(R-22Oz) 161																				
Service Driers																					
Liquid/Chg Suction	16Culn/11oz 30SqIn																				
Unit Weight	NA																				

Calculated averaged performance data, for service applications for all matches. Part No: 1085209

*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

TECH DATA

CH9542VKC1 YG042GB1

Style No:	42DHA-00097ZR	Outdoor Ambient Temperature - Degrees F. Dry Bulb																					
		75				85				95				105				115					
		Entering Indoor Temperature - Degrees F. Wet Bulb																					
		IDB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
Voltage	208-230	75	MBh	37.8	38.9	42.1	45.2	36.9	38.0	41.1	44.1	36.0	37.1	40.1	43.1	34.2	35.2	38.1	40.9	31.7	32.6	35.3	37.9
Phase	1		S/T	0.85	0.76	0.58	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.94	0.84	0.64	0.41
Ampacity	23.8		AMPS	12.3	12.6	13.0	13.5	13.3	13.7	14.1	14.7	14.3	14.6	15.1	15.7	15.2	15.6	16.1	16.7	16.1	16.5	17.0	17.7
Wire Ga/Ft	10 / 30		HI PR	161	173	183	191	183	197	208	217	208	224	237	247	234	252	266	278	259	279	294	307
Delay Fuse	30	80	LO PR	61	65	71	76	64	68	74	79	67	71	78	83	70	75	81	87	73	77	84	90
Max. Fuse	40		MBh	38.5	39.3	42.0	44.9	37.6	38.4	41.0	43.8	36.6	37.4	40.0	42.8	34.8	35.6	38.0	40.6	32.2	32.9	35.2	37.6
Compressor	Copeland		S/T	0.93	0.88	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.56	1.00	0.96	0.78	0.59	1.00	0.97	0.79	0.59
RLA	20		AMPS	12.4	12.7	13.1	13.6	13.5	13.8	14.3	14.8	14.4	14.7	15.2	15.8	15.3	15.7	16.2	16.8	16.2	16.6	17.2	17.9
LRA	104	85	HI PR	162	175	185	192	185	199	210	219	210	226	239	249	237	255	269	280	261	281	297	310
Cap MFD/V	55/370		LO PR	62	66	72	77	64	68	75	80	68	72	79	84	71	75	82	88	73	78	85	91
CC Heater	None		MBh	39.1	39.9	41.8	44.6	38.2	39.0	40.8	43.5	37.3	38.0	39.8	42.5	35.4	36.1	37.8	40.3	32.8	33.4	35.0	37.4
Start Kit	None		S/T	0.98	0.95	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77
Fan Motor-HP	1/4	Heating	AMPS	12.5	12.8	13.2	13.7	13.6	13.9	14.4	14.9	14.5	14.9	15.4	16.0	15.5	15.8	16.4	17.0	16.4	16.8	17.4	18.0
Type	PSC		HI PR	164	176	186	194	187	201	212	221	212	229	241	252	239	257	272	283	264	284	300	313
FLA	1.4		LO PR	63	67	73	77	65	69	75	80	68	73	79	84	72	76	83	88	74	79	86	92
LRA	3.24		Outdoor Ambient Temperature - Degrees F. Dry Bulb																				
RPM	840	IDB	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10			
Cap MFD/V	5/370	MBh	52.8	50.0	47.1	44.0	42.0	40.7	37.8	34.9	31.4	29.0	26.7	25.2	24.3	21.8	19.3	16.8	14.4	11.8			
PTCR	None	T/R	40.7	38.6	36.3	33.9	32.4	31.4	29.2	26.9	24.2	22.4	20.6	19.4	18.7	16.8	14.9	13.0	11.1	9.1			
Hi Press	None	KW	3.95	3.89	3.83	3.77	3.74	3.71	3.66	3.60	3.43	3.37	3.31	3.28	3.26	3.20	3.15	3.09	3.03	2.98			
Low Press	0	AMPS	18.5	17.1	16.0	15.0	14.5	14.2	13.4	12.7	12.2	11.6	11.1	10.8	10.6	10.1	9.4	8.8	8.2	7.3			
Low Amb	None	COP	3.91	3.76	3.59	3.41	3.29	3.21	3.02	2.84	2.68	2.52	2.36	2.25	2.18	1.99	1.80	1.59	1.39	1.16			
Defrost	ElecTime-Temp	EER	13.4	12.8	12.3	11.7	11.2	11.0	10.3	9.7	9.2	8.6	8.1	7.7	7.4	6.8	6.1	5.4	4.7	4.0			
Sensor	31-51	HI PR	258	247	238	227	222	218	209	201	192	184	176	172	169	163	157	150	145	140			
Operating Chg (25 Ft Line)*	(R-22Oz) 184	LO PR	76	70	66	60	57	55	50	45	41	36	32	30	29	24	21	18	15	12			
Service Driers	16Culn/11oz	Calculated averaged performance data, for service applications for all matches.																					
Liquid/Chg Suction	30Sgln	Part No: 1085210																					
Unit Weight	NA	*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																					

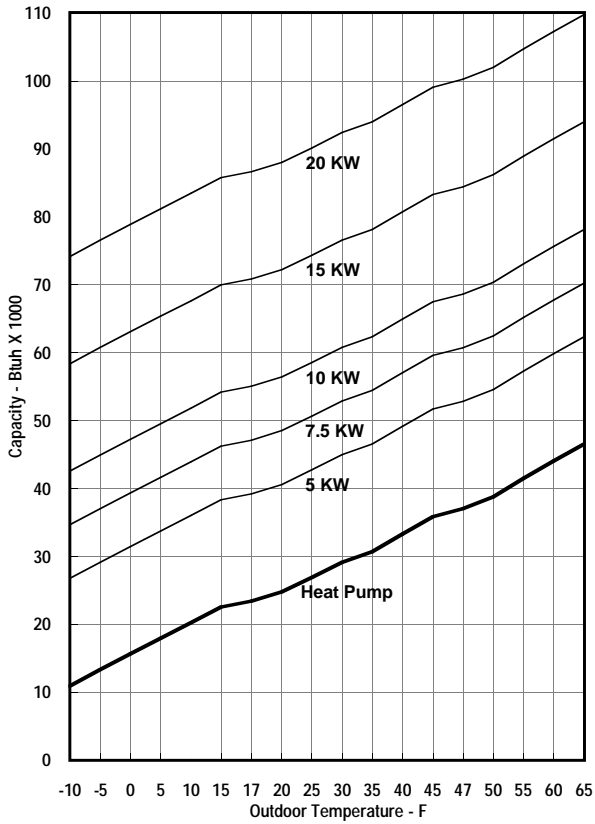
CH9548VKC1 YG048GB1

Style No:	48DHA-00097ZR	Outdoor Ambient Temperature - Degrees F. Dry Bulb																					
		75				85				95				105				115					
		Entering Indoor Temperature - Degrees F. Wet Bulb																					
		IDB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
Voltage	208-230	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
Phase	1		S/T	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.61	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
Ampacity	31		AMPS	13.9	14.2	14.7	15.3	15.1	15.5	16.0	16.6	16.2	16.6	17.1	17.8	17.2	17.6	18.2	18.9	18.3	18.7	19.3	20.1
Wire Ga/Ft	8 / 40		HI PR	157	169	179	186	179	192	203	212	204	219	231	241	229	246	260	271	253	272	288	300
Delay Fuse	40	80	LO PR	58	62	67	72	60	64	70	74	63	67	73	78	66	70	77	82	68	73	79	85
Max. Fuse	50		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
Compressor	Copeland		S/T	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.98	0.80	0.59
RLA	26.4		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
LRA	129	85	HI PR	159	171	180	188	181	194	205	214	206	221	234	244	231	249	263	274	256	275	290	303
Cap MFD/V	60 / 370		LO PR	58	62	68	72	61	65	71	75	64	68	74	79	67	71	78	83	69	74	80	86
CC Heater	None		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
Start Kit	None		S/T	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.95	0.77
Fan Motor-HP	1/4	Heating	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	17.5	18.0	18.6	19.3	18.6	19.1	19.7	20.5
Type	PSC		HI PR	160	173	182	190	182	196	207	216	208	224	236	246	234	251	266	277	258	278	293	306
FLA	1.4		LO PR	59	63	69	73	61	65	71	76	64	69	75	80	68	72	78	83	70	74	81	86
LRA	3.24		Outdoor Ambient Temperature - Degrees F. Dry Bulb																				
RPM	840	IDB	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10			
Cap MFD/V	5/370	MBh	60.3	57.1	53.8	50.3	48.0	46.5	43.2	39.8	41.4	38.2	35.2	33.2	32.0	28.7	25.4	22.2	18.9	15.5			
PTCR	None	T/R	39.9	37.8	35.6	33.2	31.7	30.8	28.6	26.3	27.4	25.3	23.3	22.0	21.1	19.0	16.8	14.7	12.5	10.3			
Hi Press	None	KW	5.11	5.01	4.91	4.80	4.75	4.70	4.60	4.50	4.56	4.45	4.34	4.28	4.24	4.13	4.03	3.92	3.82	3.71			
Low Press	0	AMPS	23.7	21.9	20.4	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			
Low Amb	None	COP	3.45	3.34	3.21	3.06	2.96	2.90	2.75	2.59	2.66	2.51	2.37	2.27	2.21	2.03	1.85	1.65	1.45	1.22			
Defrost	ElecTime-Temp	EER	11.8	11.4	11.0	10.5	10.1	9.9	9.4	8.9	9.1	8.6	8.1	7.8	7.5	6.9	6.3	5.7	5.0	4.2			
Sensor	31/51	HI PR	299	286	275	263	257	252	242	233	223	213	204	199	196	188	181	174	168	162			
Operating Chg (25 Ft Line)*	(R-22Oz) 214	LO PR	76	71	66	61	57	55	51	45	41	36	32	30	29	24	21	18	15	12			
Service Driers	30Culn/17oz	Calculated averaged performance data, for service applications for all matches.																					
Liquid/Chg Suction	30Sgln	Part No: 1085211																					
Unit Weight	NA	*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																					

TECH DATA

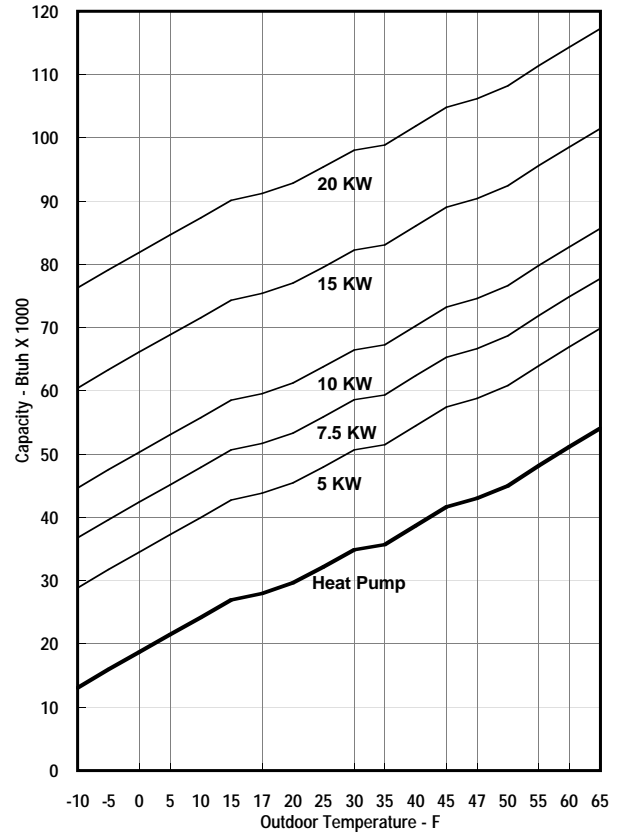
Heating Capacity Chart- 3 Ton

Balance Chart Performance based on 230V Operation



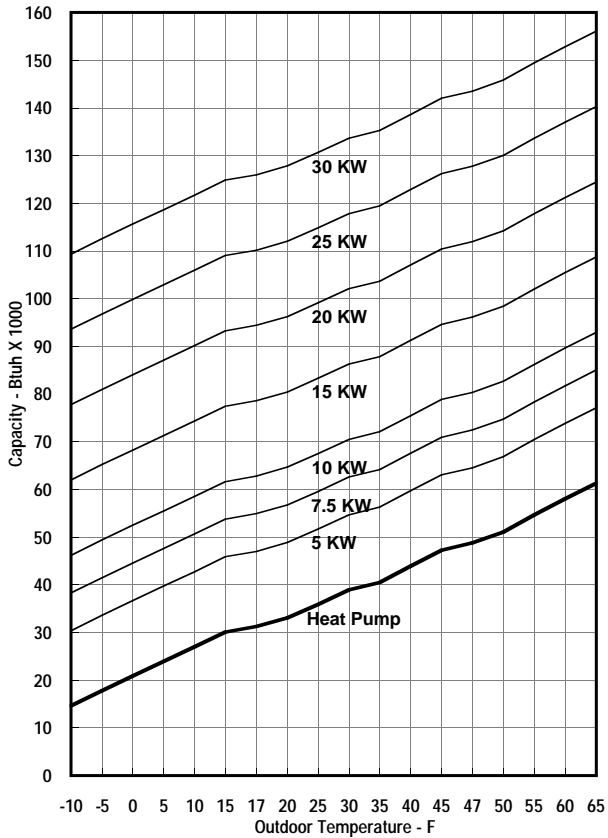
Heating Capacity Chart- 3 1/2 Ton

Balance Chart Performance based on 230V Operation



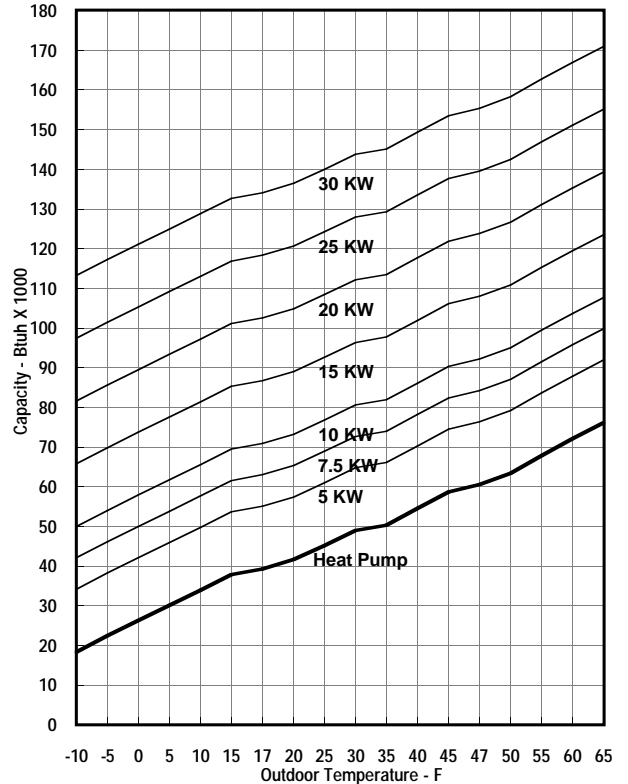
Heating Capacity Chart- 4 Ton

Balance Chart Performance based on 230V Operation

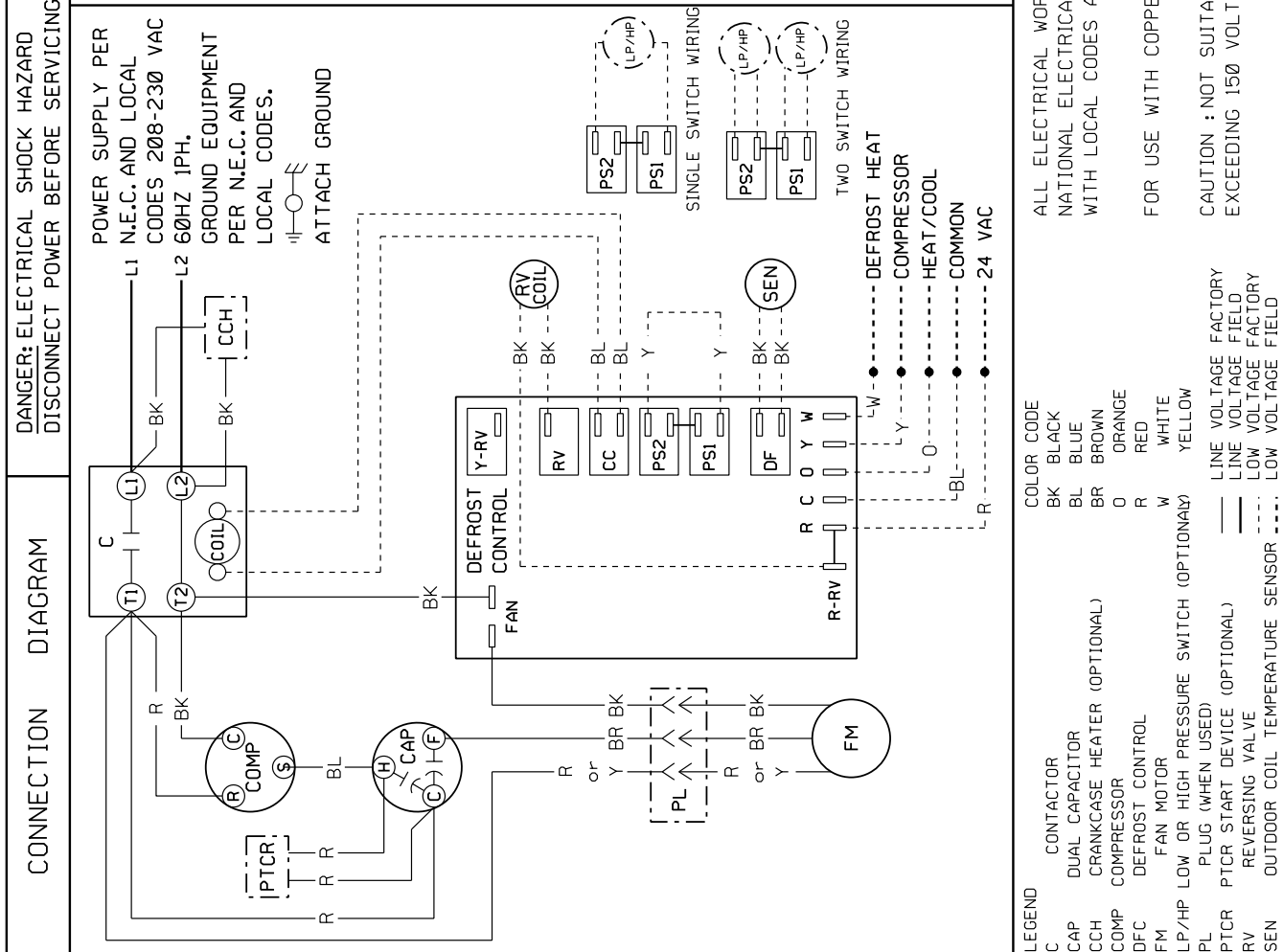
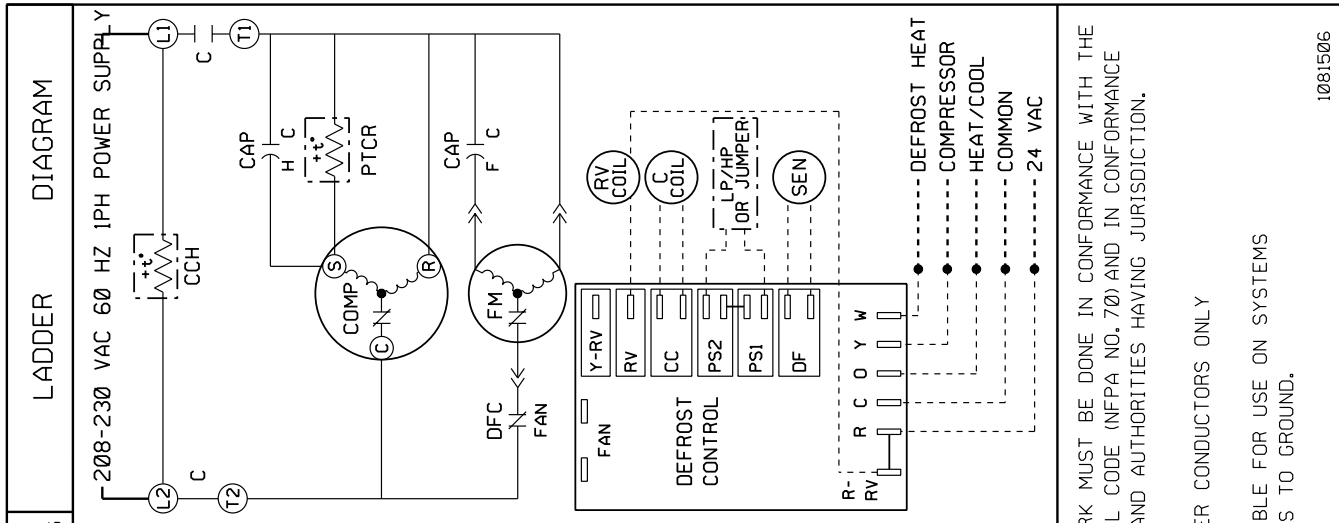


Heating Capacity Chart- 5 Ton

Balance Chart Performance based on 230V Operation



Wiring Diagram



ALL ELECTRICAL WORK MUST BE DONE IN CONFORMANCE WITH THE NATIONAL ELECTRICAL CODE (NFPA NO. 70) AND IN CONFORMANCE WITH LOCAL CODES AND AUTHORITIES HAVING JURISDICTION.

FOR USE WITH COPPER CONDUCTORS ONLY

CAUTION : NOT SUITABLE FOR USE ON SYSTEMS EXCEEDING 150 VOLTS TO GROUND.

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