

Parts List

Technical Labels & Wiring Diagrams

Models

Three Phase

PAD090H000A	APD090H000A
PAD090L000A	APD090L000A
PAD090S000B	APD090S000B
PAD120H000A	APD120H000A
PAD120L000A	APD120L000A
PAD120S000B	APD120S000B
PAD150H000A	APD150H000A
PAD150L000A	APD150L000A
PAD150S000B	APD150S000B
PAD180H000A	APD180H000A
PAD180L000A	APD180L000A
PAD180S000B	APD180S000B

Commercial Package Air Conditioner

Save This Manual For Future Reference

Parts List MODELS: PAD090H000, PAD090L000, PAD090S000, PAD120H000, PAD120L000, PAD120S000, PAD150H000, PAD150L000, PAD150S000, PAD180H000, PAD180L000, PAD180S000, APD090H000, APD090L000, APD090S000, APD120H000, APD120L000, APD120S000, APD150H000, APD150L000, APD150S000, APD180H000, APD180L000, APD180S000

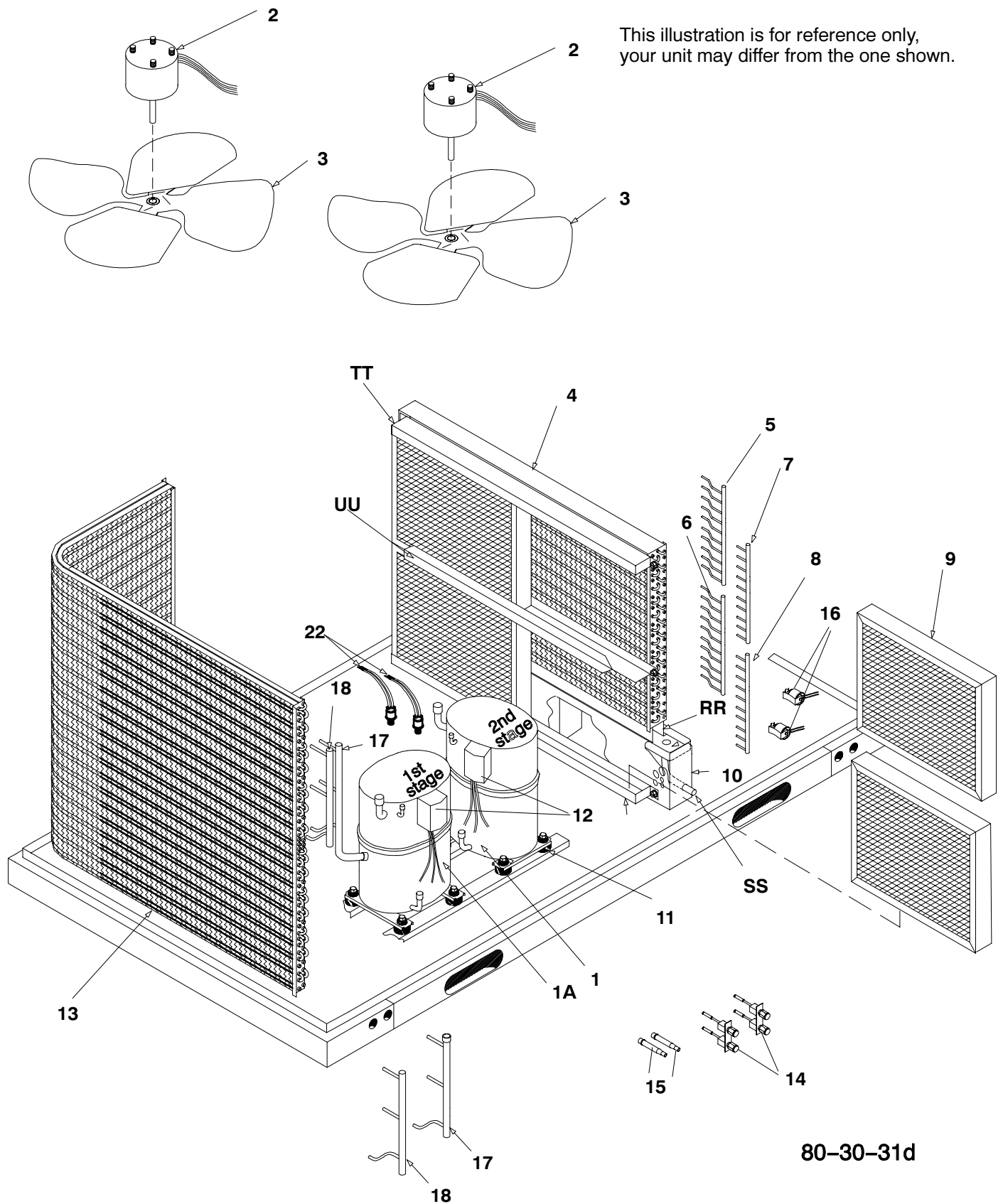
NO	DESCRIPTION	PART NUMBER	MODEL SIZE & VOLTAGE											
			090H	090L	090S	120H	120L	120S	150H	150L	150S	180H	180L	180S
1	Compressor, ZR40K3TF5	1096240	2											
1	Compressor, ZR40K3TFD	1096758	*	2										
1	Compressor, ZR40K3TFE	1096775	*	*	2									
1	Compressor, ZR61KCTF5	1084537	*	*	*	2								
1	Compressor, ZR61KCTFD	1085397	*	*	*	*	2							
1	Compressor, ZR61KCTFE	1096776	*	*	*	*	*	2						
1	Compressor, ZR72KCTF5	1096586	*	*	*	*	*	*	2			1		
1	Compressor, ZR72KCTFD	1096781	*	*	*	*	*	*	*	2			1	
1	Compressor, ZR72KCTFE	1096782	*	*	*	*	*	*	*	*	2			1
1A	Compressor, ZR94KCTF5	1096587	*	*	*	*	*	*	*	*	*	1		
1A	Compressor, ZR94KCTFD	1096779	*	*	*	*	*	*	*	*	*	*	1	
1A	Compressor, ZR94KCTFE	1096780	*	*	*	*	*	*	*	*	*	*	*	1
2	Motor, Condenser Fan 1/230 3/4	1070461	1			2			2			2		
2	Motor, Condenser Fan 1/460 3/4	1070466	*	1			2			2			2	
2	Motor, Condenser Fan 1/575 3/4	1070471	*	*	1			2			2			2
3	Fan, Condenser	1080797	1	1	1				2	2	2	2	2	2
3	Fan, Condenser	1080799	*	*	*	2	2	2						
4	Coil, Evaporator	1096524	*	*	*	*	*	*	*	*	*	1	1	1
4	Coil, Evaporator	1096638	*	*	*	*	*	*	1	1	1			
4	Coil, Evaporator	1096740	*	*	*	1	1	1						
4	Coil, Evaporator	1096748	1	1	1									
5	Manifold, Evaporator (Liquid)	1096532	*	*	*	*	*	*	*	*	*	1	1	1
5	Manifold, Evaporator (Liquid)	1096645	*	*	*	*	*	*	1	1	1			
5	Manifold, Evaporator (Liquid)	1096741	*	*	*	1	1	1						
5	Manifold, Evaporator (Liquid)	1096746	1	1	1									
6	Manifold, Evaporator (Liquid)	1096533	*	*	*	*	*	*	*	*	*	1	1	1
6	Manifold, Evaporator (Liquid)	1096646	*	*	*	*	*	*	1	1	1			
6	Manifold, Evaporator (Liquid)	1096742	*	*	*	1	1	1						
6	Manifold, Evaporator (Liquid)	1096747	1	1	1									
7	Manifold, Evaporator (Upper)	1084308	*	*	*	1	1	1						
7	Manifold, Evaporator (Upper)	1096534	*	*	*	*	*	*	*	*	*	1	1	1
7	Manifold, Evaporator (Upper)	1096639	*	*	*	*	*	*	1	1	1			
7	Manifold, Evaporator (Upper)	1096750	1	1	1									
8	Manifold, Evaporator (Lower)	1084309	*	*	*	1	1	1						
8	Manifold, Evaporator (Lower)	1096535	*	*	*	*	*	*	*	*	*	1	1	1
8	Manifold, Evaporator (Lower)	1096644	*	*	*	*	*	*	1	1	1			
8	Manifold, Evaporator (Lower)	1096751	1	1	1									
9	Filter, Air 20x25x2"	85953	4	4	4	4	4	4						
9	Filter, Air 20x30x2"	1054503	*	*	*	*	*	*	4	4	4	4	4	4
10	Pan, Drain	1071339	1	1	1	1	1	1						
10	Pan, Drain	1083413	*	*	*	*	*	*	1	1	1	1	1	1
11	Grommet, Compressor Mounting	1052060	8	8	8	8	8	8	8	8	8	8	8	8
12	Plug, Compressor Harness	1085334	2	2	2	2	2	2						
12	Plug, Compressor Harness	1083654	*	*	*	*	*	*	2	2	2	2	2	2
13	Coil, Condenser	1096525	*	*	*	*	*	*	*	*	*	1	1	1
13	Coil, Condenser	1096688	*	*	*	*	*	*	1	1	1			
13	Coil, Condenser	1096735	1	1	1									
13	Coil, Condenser	1097371	*	*	*	1	1	1						
14	Port Valve Assembly	1096778	2	2	2	2	2	2	2	2	2	2	2	2
15	Tube, W/Strainer	1096597	2	2	2	2	2	2	2	2	2	2	2	2
16	Switch, Freeze Stat.	1096710	2	2	2	2	2	2	2	2	2	2	2	2
17	Manifold, Condenser (Liquid)	1096545	*	*	*	*	*	*	2	2	2	2	2	2
17	Manifold, Condenser (Liquid)	1096731	1	1	1	1	1	1						

NO	DESCRIPTION	PART NUMBER	MODEL SIZE & VOLTAGE											
			090H	090L	090S	120H	120L	120S	150H	150L	150S	180H	180L	180S
18	Manifold, Condenser (Discharge)	1096547	*	*	*	*	*	*	2	2	2	2	2	2
18	Manifold, Condenser (Discharge)	1096876	1	1	1	1	1	1						
19	Manifold, Condenser (Liquid)	1096736	1	1	1	1	1	1						
20	Manifold, Condenser (Discharge)	1096874	1	1	1	1	1	1						
21	Switch, High Pressure	1096251	2	2	2	2	2	2	2	2	2	2	2	2
22	Switch, Low Pressure	1085492	2	2	2	2	2	2	2	2	2	2	2	2
23	Heat Exchanger	1071596	1	1	1									
27	Channel, Restrictor	1070756	*	*	*	*	*	*	1	1	1	1	1	1
28	Ignitor	1070953	1	1	1	1	1	1	1	1	1	1	1	1
29	Sensor, Flame	1070952	1	1	1	1	1	1	1	1	1	1	1	1
30	Switch, Limit Rollout	1071238	1	1	1	1	1	1	1	1	1	1	1	1
52	Block, Terminal	170720	1	1	1	1	1	1	1	1	1	1	1	1
53	Timer, Compressor Anti-Cycle	1085325	2	2	2	2	2	2	2	2	2	2	2	2
54	Relay, SPDT	1058148	2	2	2	2	2	2	2	2	2	2	2	2
55	Relay, DPST	1000742	1	1	1	1	1	1	1	1	1	1	1	1
56	Capacitor, 12.5 Mfd., 440 Volt	1094967	1	1	1	2	2	2	2	2	2	2	2	2
57	Contactor, 40 Amp., 3 Pole	1071334	1	1	1	1	1	1	1	1	1	1	1	1
58	Contactor, 40 Amp., 3 Pole	1071334	1	1	1	1	1	1	1	1	1	1	1	1
59	Board, Terminal	1066159	1	1	1	1	1	1	1	1	1	1	1	1
60	Lug, Ground	500920	1	1	1	1	1	1	1	1	1	1	1	1
62	Contactor, 30 Amp., 2 Pole	1054736	1	1	2	1	1	2	1	1	2	1	1	2
63	Transformer, 230V, 65VA	1054637	1			1			1			1		
63	Transformer, 460-575V, 100VA	1054639	*	1	1		1	1		1	1		1	1
64	Timer, Blower Time Delay	1071063	1	1	1	1	1	1	1	1	1	1	1	1
64	Transformer, 460-575V, 65VA	1054638	*	*	1			1			1			1
64	Transformer, 460V, 75VA	1084001	*	1			1			1			1	
65	Motor, Blower, 230/460V, 2HP	1070644	1	1		1	1							
65	Motor, Blower, 230/460V, 3HP	1070646	*	*	*	*	*	*	1	1		1	1	
65	Motor, Blower, 575V, 2HP	1070654	*	*	1			1						
65	Motor, Blower, 575V, 3HP	1070656	*	*	*	*	*	*	*	*	1			1
66	Pulley, Blower	1097228	1	1	1									
66	Pulley, Blower	1097293	*	*	*	1	1	1						
66	Pulley, Blower	1097294	*	*	*	*	*	*	1	1	1	1	1	1
67	Belt	1070670	*	*	*	*	*	*	1	1	1	1	1	1
67	Belt	1097236	1	1	1	1	1	1						
68	Pulley, Motor	520290	*	*	*	*	*	*	1	1	1	1	1	1
68	Pulley, Motor	1097240	1	1	1	1	1	1						
69	Blower	1070639	1	1	1	1	1	1						
69	Blower	1070641	*	*	*	*	*	*	1	1	1	1	1	1
A	Grille, Outlet	1072841	1	1	1				2	2	2	2	2	2
A	Grille, Outlet	1072842	*	*	*	2	2	2						
A1	Nut, Cap	1067902	4	4	4	8	8	8	8	8	8	8	8	8
AA	Post, Drain Outlet	1096509	1	1	1	1	1	1						
AA	Post, Drain Outlet	1096539	*	*	*	*	*	*	1	1	1	1	1	1
AB	Screw, Motor Adjust 3/8-16	1071172	1	1	1	1	1	1	1	1	1	1	1	1
AC	Bracket, Motor Mount	1070361	1	1	1	1	1	1	1	1	1	1	1	1
AD	Mount, Blower Motor	1071248	1	1	1	1	1	1	1	1	1	1	1	1
AE	Clip, Retaining	1071304	1	1	1	1	1	1	1	1	1	1	1	1
AF	Bracket, Blower Support	1071239	1	1	1	1	1	1	1	1	1	1	1	1
B	Panel, Top Heat	1072779	*	*	*	*	*	*	1	1	1	1	1	1
B	Panel, Top Heat	1072780	1	1	1	1	1	1						
BB	Post, Condenser Front	1084005	1	1	1	1	1	1						
BB	Post, Condenser Front	1084454	*	*	*	*	*	*	1	1	1	1	1	1
C	Panel, Top Evaporator	1072831	*	*	*	*	*	*	1	1	1	1	1	1
C	Panel, Top Evaporator	1072832	1	1	1	1	1	1						

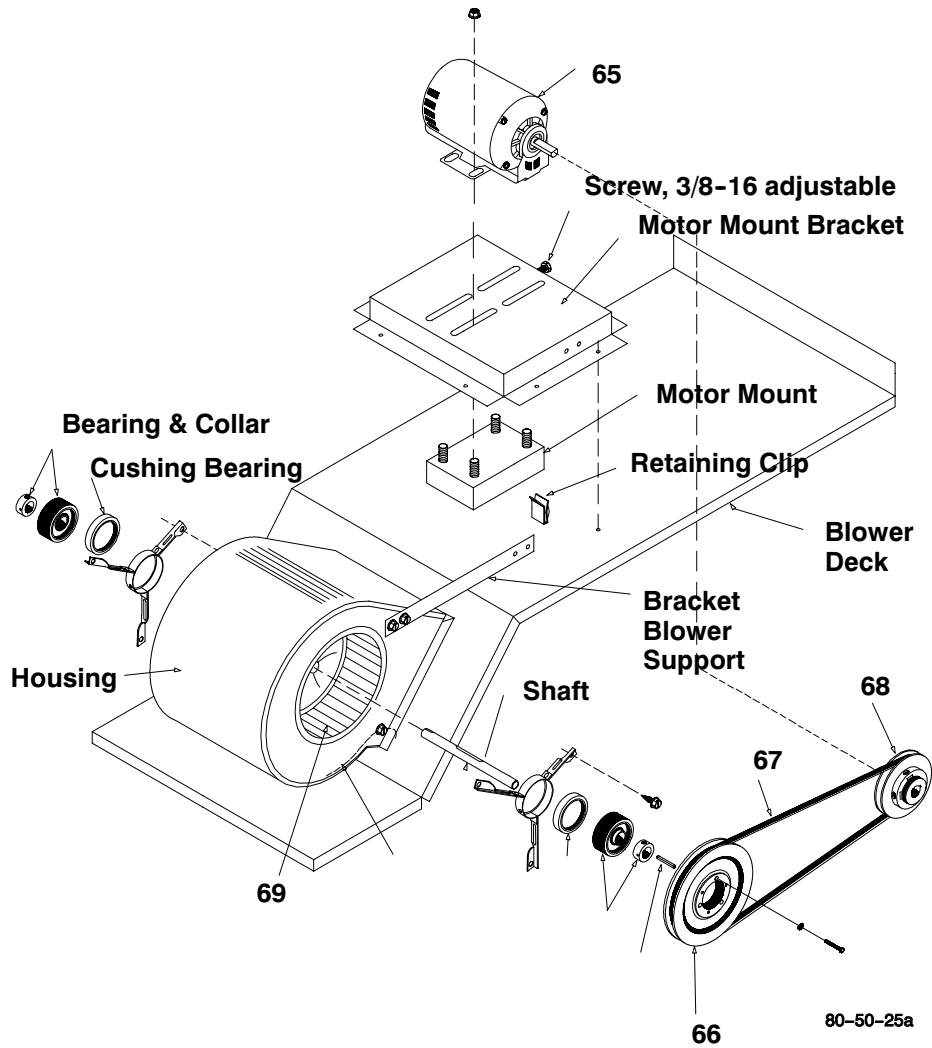
NO	DESCRIPTION	PART NUMBER	MODEL SIZE & VOLTAGE											
			090H	090L	090S	120H	120L	120S	150H	150L	150S	180H	180L	180S
CC	Rail, Base Front	*****												
D	Support, Condenser Top	1071296	1	1	1	1	1	1	1	1	1	1	1	1
DD	Post, Condenser Front	1084345	1	1	1	1	1	1						
DD	Post, Condenser Front	1084410	*	*	*	*	*	*	1	1	1	1	1	1
E	Panel, Top Condenser	1072837	1	1	1									
E	Panel, Top Condenser	1072840	*	*	*	1	1	1						
E	Panel, Top Condenser	1072839	*	*	*	*	*	*	1	1	1	1	1	1
EE	Rail, Base Condenser End	*****												
F	Orifice, Condenser Fan	1065725	*	*	*	2	2	2						
F	Orifice, Condenser Fan	1070458	1	1	1				2	2	2	2	2	2
FF	Support, Compressor	*****												
G	Panel, Division (Cond/Evap)	*****	*	*	*	1	1	1						
G	Panel, Division (Cond/Evap)	*****	*	*	*	*	*	*	1	1	1	1	1	1
G	Panel, Division (Cond/Evap)	*****	1	1	1									
GG	Panel, Base Condenser	*****	1	1	1	1	1	1						
GG	Panel, Base Condenser	*****	*	*	*	*	*	*	1	1	1	1	1	1
H	Panel, Supply Air	1085335	1	1	1	1	1	1						
H	Panel, Supply Air	1096701	*	*	*	*	*	*	1	1	1	1	1	1
HH	Post, Corner Condenser	1072754	1	1	1	1	1	1						
HH	Post, Corner Condenser	1072755	*	*	*	*	*	*	1	1	1	1	1	1
JJ	Rail, Base Rear	*****												
K	Deck, Blower	1070288	1	1	1	1	1	1						
K	Deck, Blower	1070292	*	*	*	*	*	*	1	1	1	1	1	1
KK	Post, Condenser Rear	1084349	*	*	*	1	1	1						
KK	Post, Condenser Rear	1084387	*	*	*	*	*	*	*	*	*	1	1	1
KK	Post, Condenser Rear	1096562	1	1	1									
KK	Post, Condenser Rear	1096563	*	*	*	*	*	*	1	1	1			
L	Post, Corner Heat Front	1083177	*	*	*	*	*	*	1	1	1	1	1	1
L	Post, Corner Heat Front	1072758	1	1	1	1	1	1						
LL	Panel, Duct Cover (Return)	1072809	1	1	1	1	1	1						
LL	Panel, Duct Cover (Return)	1072812	*	*	*	*	*	*	1	1	1	1	1	1
MM	Panel, Return Air	1072794	1	1	1	1	1	1						
MM	Panel, Return Air	1072795	*	*	*	*	*	*	1	1	1	1	1	1
NN	Panel, Duct Cover (Supply)	1072810	*	*	*	*	*	*	1	1	1	1	1	1
NN	Panel, Duct Cover (Supply)	1072811	1	1	1	1	1	1						
O	Panel, Access (Heat)	1072829	1	1	1	1	1	1						
O	Panel, Access (Heat)	1072830	*	*	*	*	*	*	1	1	1	1	1	1
P	Shield, Heat	1070378	*	*	*	*	*	*	1	1	1	1	1	1
PP	Panel, Division (Evap/Heat)	*****	1	1	1	1	1	1						
PP	Panel, Division (Evap/Heat)	*****	*	*	*	*	*	*	1	1	1	1	1	1
Q	Panel, Component Mounting	1082321	*	*	*	*	*	*	1	1	1	1	1	1
Q	Panel, Component Mounting	1071138	1	1	1	1	1	1						
QQ	Pan, Base (Evap)	*****	1	1	1	1	1	1						
QQ	Pan, Base (Evap)	*****	*	*	*	*	*	*	1	1	1	1	1	1
R	Panel, Access (Blower)	1072802	1	1	1	1	1	1						
R	Panel, Access (Blower)	1072803	*	*	*	*	*	*	1	1	1	1	1	1
RR	Support, Coil	1070784	1	1	1	1	1	1						
S	Panel, Access (Burner)	1072804	1	1	1	1	1	1						
S	Panel, Access (Burner)	1072805	*	*	*	*	*	*	1	1	1	1	1	1
SS	Hose, Drain	1071345	1	1	1	1	1	1	1	1	1	1	1	1
TT	Bracket, Filter Rack	1070993	2	2	2	2	2	2						
TT	Bracket, Filter Rack	1083434	*	*	*	*	*	*	1	1	1	1	1	1
U	Panel, Access (Evaporator)	1072788	1	1	1	1	1	1						
U	Panel, Access (Evaporator)													

NO	DESCRIPTION	PART NUMBER	MODEL SIZE & VOLTAGE											
			090H	090L	090S	120H	120L	120S	150H	150L	150S	180H	180L	180S
UU	Bracket, Filter Rack	1083435	*	*	*	*	*	*	1	1	1	1	1	1
UU	Bracket, Filter Rack	1070516	1	1	1	1	1	1						
UU	Rack, Filter	1070516	1	1	1	1	1	1						
UU	Rack, Filter	1083129	*	*	*	*	*	*	1	1	1	1	1	1
V	Panel, Access (Condenser)	1072784	1	1	1	1	1	1						
V	Panel, Access (Condenser)													
V	Panel, Compressor Access	1084344	1	1	1	1	1	1						
V	Panel, Compressor Access	1085345	*	*	*	*	*	*	1	1	1	1	1	1
vv	Clamp, Capacitor	94364	1	1	1	1	1	1	1	1	1	1	1	1
W	Extension, Exhaust	*****												
ww	Box, Control	1096696	1	1	1	1	1	1	1	1	1	1	1	1
X	Rail, Base Heat End	*****												
XX	Clamp, Capacitor	1095022	1	1	1	2	2	2	2	2	2	2	2	2
YY	Bracket, Low Voltage	1066106	1	1	1	1	1	1	1	1	1	1	1	1
Z	Pan, Base (Heat)	*****	1	1	1	1	1	1						
Z	Pan, Base (Heat)	*****	*	*	*	*	*	*	1	1	1	1	1	1
	Panel, Filler	1084438	1	1	1	1	1	1						
	Panel, Filler	1096677	*	*	*	*	*	*	1	1	1	1	1	1
	Panel, Filter Access	1096784	*	*	*	*	*	*	1	1	1	1	1	1

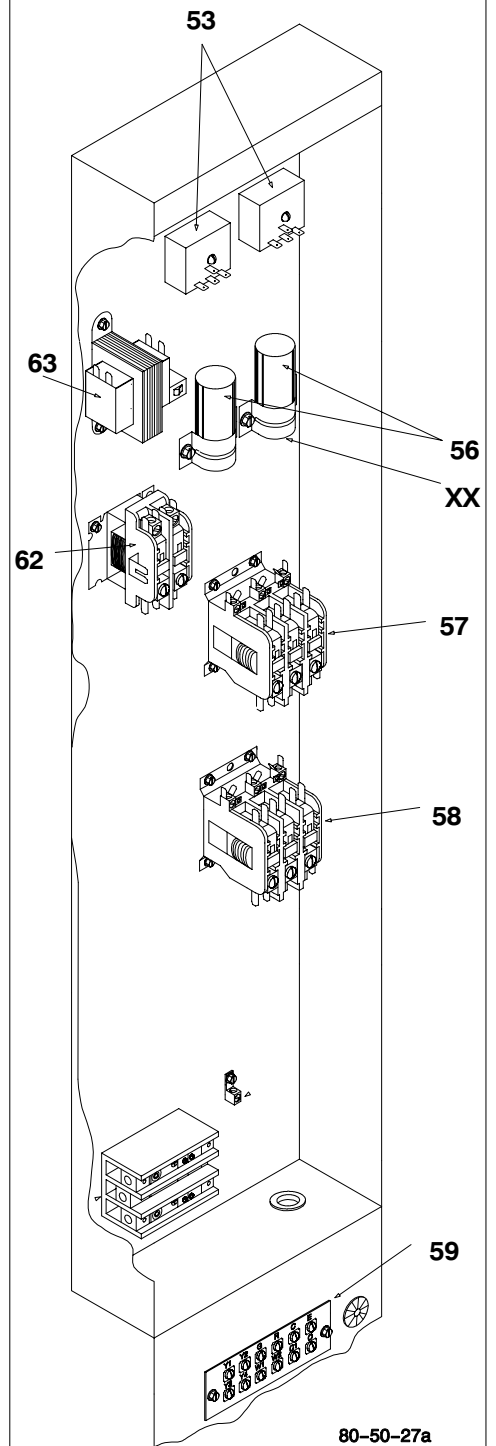
Functional Parts



Functional Parts - Blower Assembly & Control Panel

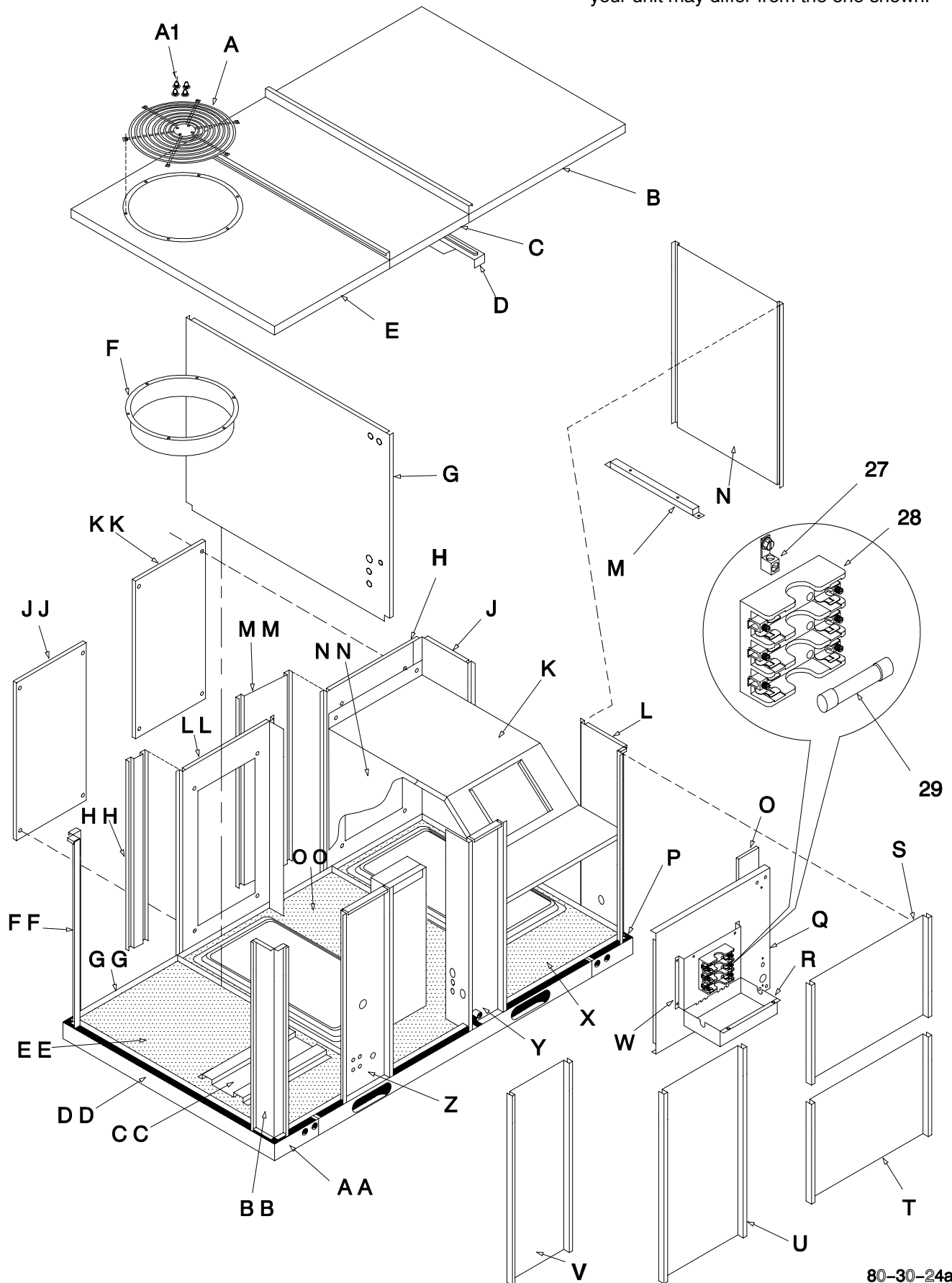


This illustration is for reference only,
your unit may differ from the one shown.



Non-Functional Parts

This illustration is for reference only,
your unit may differ from the one shown.



80-30-24a

CFM	EXTERNAL STATIC PRESSURE IN INCHES WATER COLUMN (PASCALS)															
	.25 (62)		.50 (124)		.75 (186)		1.0 (249)		1.25 (311)		1.50 (373)		1.75 (435)		2.0 (497)	
	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W
2500					1000	1250	1100	1500	1175	1700	1260	2000	1340	2250		
2750			960	1250	1050	1400	1140	1750	1224	2000	1290	2250	1360	2500		
3000	945	1250	1010	1500	1100	1750	1190	2000	1250	2250	1325	2600				
3250	1000	1550	1075	1800	1160	2100	1240	2400	1300	2600	1391	3050				
3500	1050	1800	1125	2150	1200	2250	1290	2600	1350	2800						
PULLEY TURNS OPEN					0	1	2	3	4	5						
FAN	2 HPSTD PULLEY				1224	1139	1113	1057	1001	945						
RPM	2 HP HIGH STATIC PULLEY				1391	1335	1280	1224	1169	1113						

CFM	EXTERNAL STATIC PRESSURE IN INCHES WATER COLUMN (PASCALS)															
	.25 (62)		.50 (124)		.75 (186)		1.0 (249)		1.25 (311)		1.50 (373)		1.75 (435)		2.0 (497)	
	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W
2500					1000	1250	1100	1500	1175	1700	1260	2000	1340	2250		
2750			960	1250	1050	1400	1140	1750	1224	2000	1290	2250	1360	2500		
3000	945	1250	1010	1500	1100	1750	1190	2000	1250	2250	1325	2600				
3250	1000	1550	1075	1800	1160	2100	1240	2400	1300	2600	1391	3050				
3500	1050	1800	1125	2150	1200	2250	1290	2600	1350	2800						

PULLEY TURNS OPEN		0	1	2	3	4	5
FAN RPM	STD PULLEY	1224	1139	1113	1057	1001	945
	HIGH STATIC PULLEY	1391	1335	1280	1224	1169	1113

CFM	EXTERNAL STATIC PRESSURE IN INCHES WATER COLUMN (PASCALS)																
	.25 (62)		.50 (124)		.75 (186)		1.0 (249)		1.25 (311)		1.50 (373)		1.75 (435)		2.0 (497)		
	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	
6750					890	2050	950	2500	1000	2700	1050	3000	1090	3100	1140	3450	
7000					925	2500	975	2750	1025	2975	1075	3250	1125	3000	1160	3800	
7250				900	2500	950	2750	1000	3025	1050	3350	1100	3625	1150	4000	1190	4200
7500	875	2500	925	2875	975	3075	1025	3450	1075	3625	1125	4000	1175	4375	1220	4750	
7750	900	2875	960	3150	1010	3525	1060	3825	1110	4250	1150	4375	1200	4750	1236	5000	
8000	950	3250	1000	3625	1050	3900	1100	4375	1140	4600	1180	4825	1230	5125			
8250	990	3625	1025	4000	1075	4375	1125	4750	1170	5075	1210	5325					

PULLEY TURNS OPEN		0	1	2	3	4	5
FAN	STD PULLEY	1150	1097	1045	993	940	888
RPM	HIGH STATIC PULLEY	1236	1172	1107	1042	977	911

CFM	EXTERNAL STATIC PRESSURE IN INCHES WATER COLUMN (PASCALS)															
	.25 (62)		.50 (124)		.75 (186)		1.0 (249)		1.25 (311)		1.50 (373)		1.75 (435)		2.0 (497)	
	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W
5250	875	2500	925	2875	975	3075	1025	3450	1075	3625	1125	4000	1175	4375	1220	4750
5500	900	2875	960	3150	1010	3525	1060	3825	1110	4250	1150	4375	1200	4750	1236	5000
5750	950	3250	1000	3625	1050	3900	1100	4375	1140	4600	1180	4825	1230	5125		
6000	990	3625	1025	4000	1075	4375	1125	4750	1160	4900	1215	5500				
6250	1025	4200	1060	4475	1110	4850	1160	5200	1200	5600						
6500	1060	4700	1100	5025	1150	5450	1190	5800	1236	6000						
6750	1100	5125	1140	5500	1180	5875										

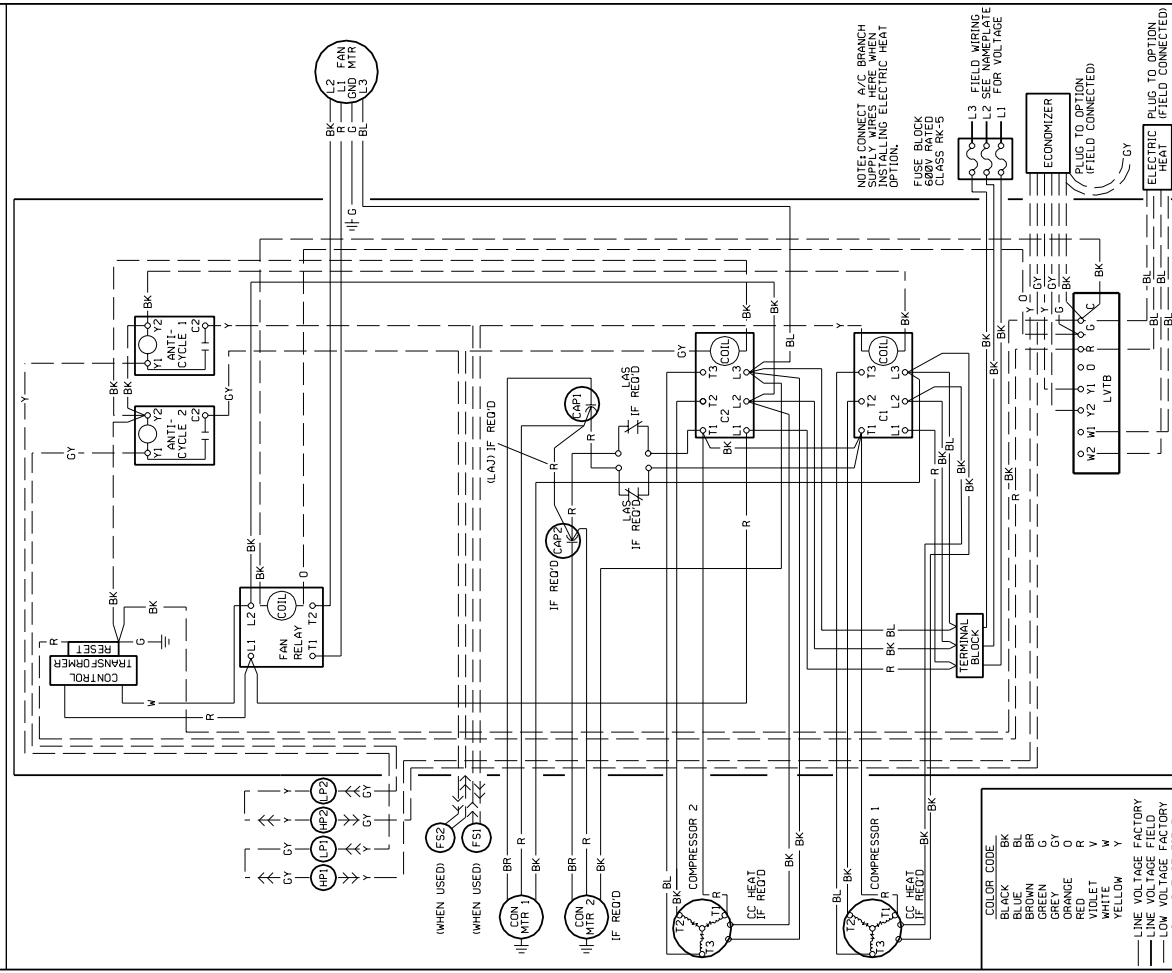
PULLEY TURNS OPEN		0	1	2	3	4	5
FAN	STD PULLEY	1150	1097	1045	993	940*	888
RPM	HIGH STATIC PULLEY	1236	1172	1107	1042	977	911

CFM	EXTERNAL STATIC PRESSURE IN INCHES WATER COLUMN (PASCALS)															
	.25 (62)		.50 (124)		.75 (186)		1.0 (249)		1.25 (311)		1.50 (373)		1.75 (435)		2.0 (497)	
	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W	RPM	W
5250	875	2500	925	2875	975	3075	1025	3450	1075	3625	1125	4000	1175	4375	1220	4750
5500	900	2875	960	3150	1010	3525	1060	3825	1110	4250	1150	4375	1200	4750	1236	5000
5750	950	3250	1000	3625	1050	3900	1100	4375	1140	4600	1180	4825	1230	5125		
6000	990	3625	1025	4000	1075	4375	1125	4750	1160	4900	1215	5500				
6250	1025	4200	1060	4475	1110	4850	1160	5200	1200	5600						
6500	1060	4700	1100	5025	1150	5450	1190	5800	1236	6000						
6750	1100	5125	1140	5500	1180	5875										

PULLEY TURNS OPEN			0	1	2	3	4	5
FAN RPM	STD PULLEY		1150	1097	1045	993	940*	888
	HIGH STATIC PULLEY		1236	1172	1107	1042	977	911

CONNECTION WIRING DIAGRAM

DANGER: ELECTRICAL SHOCK HAZARD
DISCONNECT POWER BEFORE SERVICING

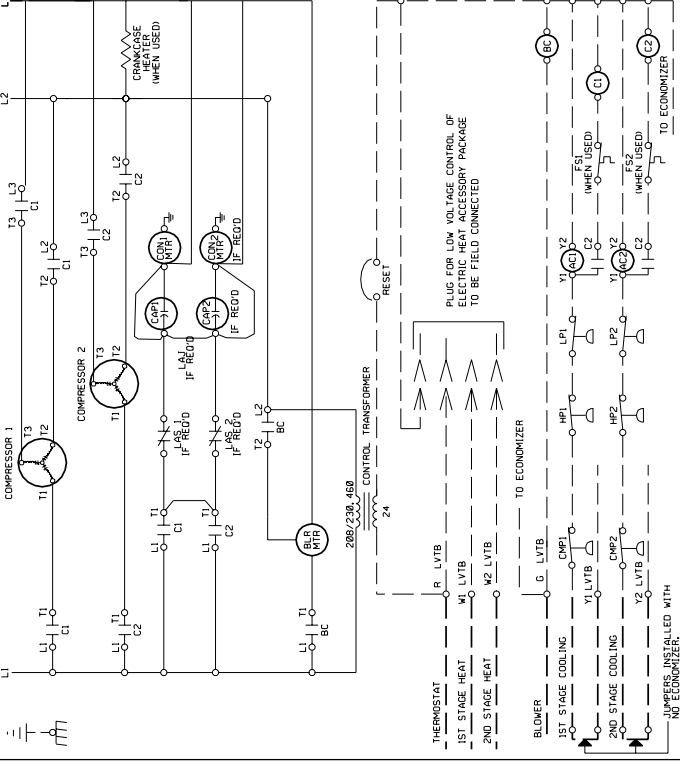


SEE INSTALLATION INSTRUCTIONS FOR PROPER HEATING AND COOLING CONNECTIONS FOR YOUR UNIT.

1096721-A

LADDER WIRING DIAGRAM

DANGER: ELECTRICAL SHOCK HAZARD
DISCONNECT POWER BEFORE SERVICING



PLUG FOR LOW VOLTAGE CONTROL OF
ELECTRIC HEAT (FIELD CONNECTED)
TO BE FIELD CONNECTED

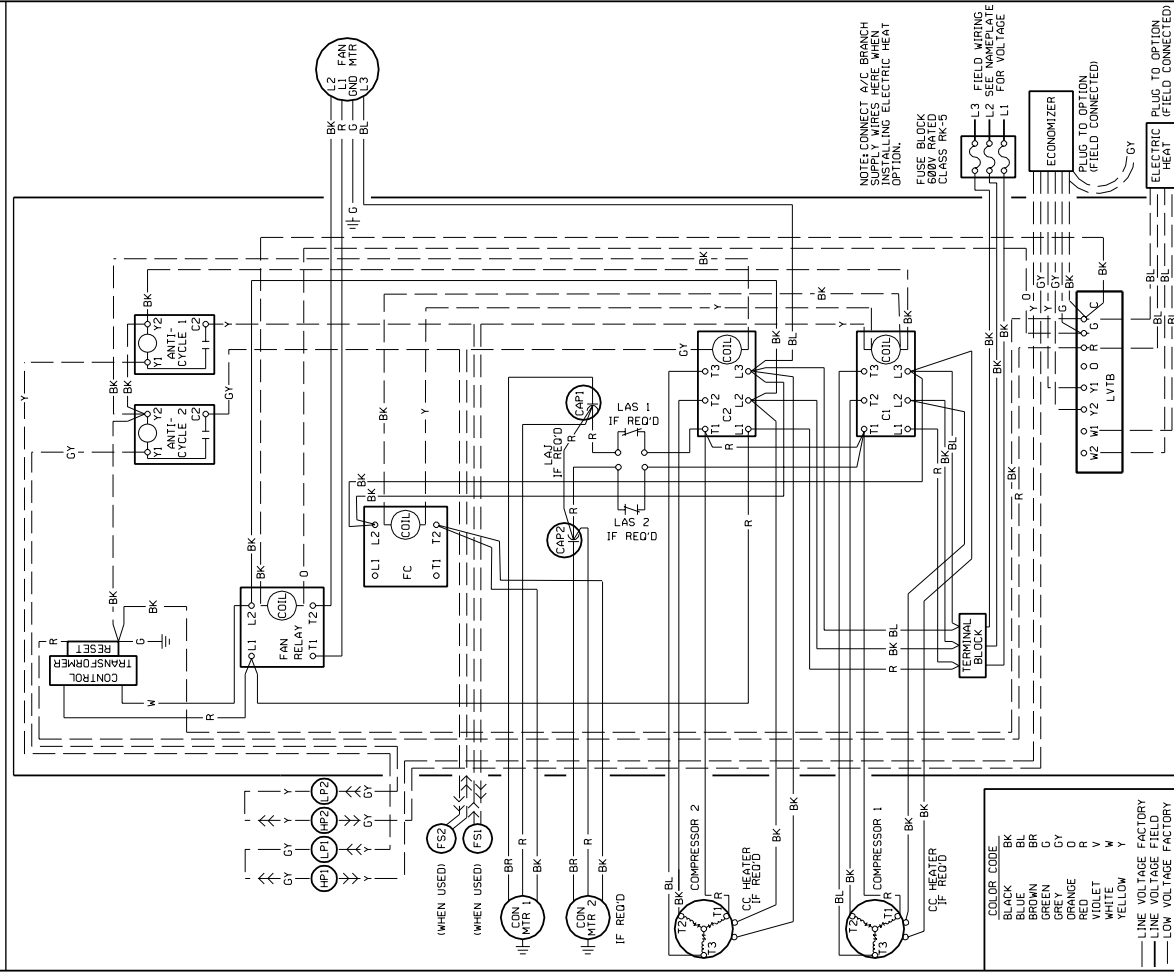
- COMPONENT CODE
- HP-HIGH PRESSURE SWITCH
 - LP-LOW PRESSURE SWITCH
 - WP-WATER PUMP
 - BC-BLOWER CONTACTOR, FAN RELAY
 - CMP-COMPRESSOR MOTOR PROTECTOR
 - CAP-CAPACITOR
 - LAJ-LOW AMBIENT SWITCH
 - LAJ-LOW AMBIENT JUMPER

- NOTES:
1. ALL MOTORS HAVE EXTERNAL OVERLOAD PROTECTION.
 2. COMPRESSORS HAVE INTERNAL THERMAL PROTECTION.
 3. REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE AS THE ORIGINAL WIRE.
 4. DEFECT TO UNIT RATING PLATE FOR MINIMUM CIRCUIT SIZE, AMPACITY AND MAXIMUM OVERCURRENT PROTECTION SIZE.
 5. DIFFERENTIAL ENTHALPY ONLY, 620 RESISTOR MUST BE REMOVED.

1096720-A

CONNECTION WIRING DIAGRAM

DANGER: ELECTRICAL SHOCK HAZARD
DISCONNECT POWER BEFORE SERVICING



COLOR CODE	
BLACK	BK
BLUE	BL
BROWN	BR
GREEN	G
ORANGE	O
RED	R
VIOLET	V
WHITE	W
YELLOW	Y

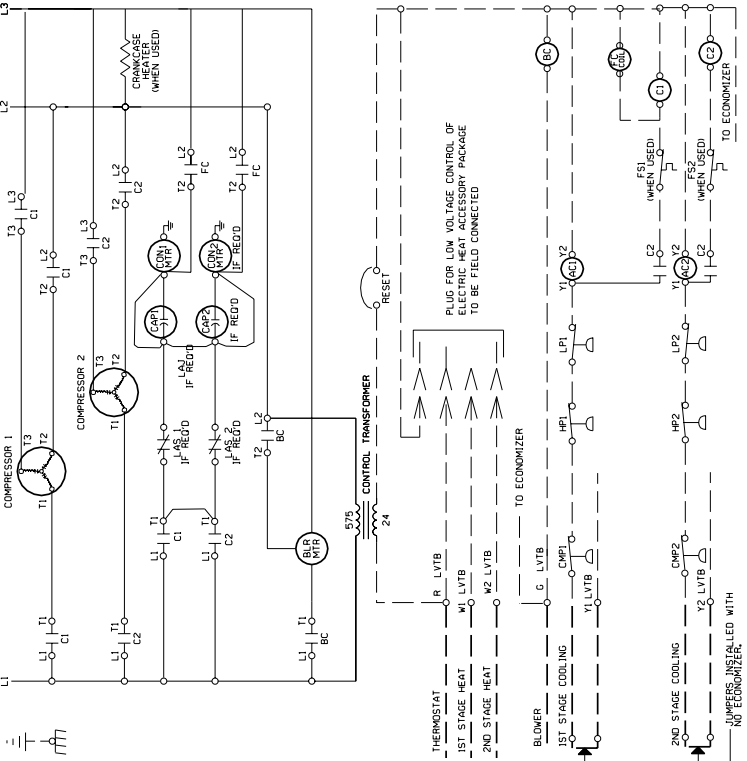
— LINE VOLTAGE FACTORY
— LINE VOLTAGE FIELD
— LOW VOLTAGE FACTORY
— LOW VOLTAGE FIELD

SEE INSTALLATION INSTRUCTIONS FOR PROPER HEATING AND COOLING CONNECTIONS FOR YOUR UNIT.

1097882

LADDER WIRING DIAGRAM

DANGER: ELECTRICAL SHOCK HAZARD
DISCONNECT POWER BEFORE SERVICING



COMPONENT CODE	
COMPRESSOR 1	C1
COMPRESSOR 2	C2
CON MTR-CONDENSER MOTOR	CM
HP-HIGH PRESSURE SWITCH	HP
LP-LOW PRESSURE SWITCH	LP
MA-MIXED AIR	MA
BC-BLOWER CONTACTOR, FAN RELAY	BC
CMP-COMPRESSOR MOTOR PROTECTOR	CMP
FC-FAN CONTACTOR	FC
LAJ-LOW AMBIENT SWITCH	LAJ
LAJ-LOW AMBIENT JUMPER	LAJ

- NOTES:
1. ALL MOTORS HAVE EXTERNAL OVERLOAD PROTECTION.
 2. COMPRESSORS HAVE INTERNAL THERMAL PROTECTION.
 3. REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE AS THE ORIGINAL WIRE.
 4. REFER TO UNIT RATING PLATE FOR MINIMUM CIRCUIT CAPACITY AND MAXIMUM OVERCURRENT PROTECTION SIZE.
 5. DIFFERENTIAL ENTHALPY ONLY Y.620 RESISTOR MUST BE REMOVED.

1097883