

Parts List, Tech Labels & Wiring Diagrams for PAAA & PAMB Series

**Model Numbers: PAAA24N1K6, PAAA30N1K6, PAAA36N1K6, PAAA42N1K6, PAAA48N1K6, PAAA60N1K6
PAMB24G6, PAMB30G6, PAMB36G6, PAMB42G6, PAMB48G6, PAMB60G6**

	DESCRIPTION	Part No	24	30	36	42	48	60
1	Compressor, CR22KFPFV	1082716	1					
1	Compressor, CR28KFPFV	1082717	-	1				
1	Compressor, ZR34KCPFV	1084517	-	-	1			
1	Compressor, ZR40K3PFV	1082502	-	-	-	1		
1	Compressor, ZR46K3PFV	1082503	-	-	-	-	1	
1	Compressor, ZR61K3PFV	1084520	-	-	-	-	-	1
2	Motor, Condenser Fan	1082491	1					
2	Motor, Condenser Fan	1082492	-	1	1	1		
2	Motor, Condenser Fan	1066350	-	-	-	-	1	
2	Motor, Condenser Fan	1065751	-	-	-	-	-	1
3	Fan, Condenser	1080789	1					
3	Fan, Condenser	1080790	-	1	1	1		
3	Fan, Condenser	1080791	-	-	-	-	1	
3	Fan, Condenser	1080792	-	-	-	-	-	1
5	Coil, Condenser	1081411	1					
5	Coil, Condenser	1081416	-	1				
5	Coil, Condenser	1081417	-	-	1	1		
5	Coil, Condenser	1082448	-	-	-	-	1	1
6	Capacitor, 7.5 MFD / 370V	1094239	1	1				
6	Capacitor, 15 MFD / 370V	1094959	-	-	1	1		
6	Capacitor, 20 MFD / 440V	1094968	-	-	-	-	1	1
7	Mount Kit, Blower Mtr.	1004905	1	1	1	1		
7	Mount Kit, Blower Mtr.	1002804	-	-	-	-	1	1
8	Motor, Blower	1054629	1	1				
8	Motor, Blower	1065279	-	-	1	1		
8	Motor, Blower	1065129	-	-	-	-	1	1
9	Wheel, Blower	600587	1	1				
9	Wheel, Blower	1054592	-	-	1	1		
9	Wheel, Blower	1054593	-	-	-	-	1	1
11	Coil, Evaporator	1081466	1					
11	Coil, Evaporator	1081488	-	1				
11	Coil, Evaporator	1082426	-	-	1			
11	Coil, Evaporator	1082438	-	-	-	1		
11	Coil, Evaporator	1082451	-	-	-	-	1	
11	Coil, Evaporator	1082453	-	-	-	-	-	1
14	Feeder Tube Asy	1081463	1					
14	Feeder Tube Asy	1081486	-	1				
14	Feeder Tube Asy	1081490	-	-	1			
14	Feeder Tube Asy	1081491	-	-	-	1		
14	Feeder Tube Asy	1081492	-	-	-	-	1	
14	Feeder Tube Asy	1081493	-	-	-	-	-	1
15	Transformer, 230v Pri, 24v Sec 40va	1082611	1	1	1	1	1	1
19	Lug, Ground	91590	1	1	1	1	1	1
20	Board, Terminal	1066159	1	1	1	1	1	1
24	Contact, 25 AMP.	1050699	1	1	1	1		
24	Contact, 35 AMP.	1050839	-	-	-	-	1	
24	Contact, 40 AMP.	1053980	-	-	-	-	-	1
27	Grommet Compressor MTG	1053188	4	4				
27	Grommet Compressor MTG	1052060	-	-	4	4	4	4
36	Capacitor, 30 + 3 MFD / 440V	1082635	1					
36	Capacitor, 35 + 5 MFD / 370V	1094978	-	1				
36	Capacitor, 50 + 5 MFD / 370V	1094993	-	-	1			
36	Capacitor, 40 + 5 MFD / 440V	1094987	-	-	-	1		
36	Capacitor, 40 + 7.5 MFD / 370V	1094981	-	-	-	-	1	
36	Capacitor, 10 + 60 MFD / 440V	1082067	-	-	-	-	-	1

	DESCRIPTION	Part No	24	30	36	42	48	60
41	Port Valve Asy	1083939	1	1	1	1	1	1
42	Relay, SPDT	1058148	1	1	1	1	1	1
43	Manifold, Cond. (Discharge)	1066200	-	1				
43	Manifold, Cond. (Discharge)	1082445	-	-	1	1		
43	Manifold, Cond. (Discharge)	1081458	-	-	-	-	1	1
44	Manifold, Condenser (Liquid)	1082421	-	-	-	-	1	1
48	Manifold, Evaporator	1065262	1	1				
48	Manifold, Evaporator	1081450	-	-	1			
48	Manifold, Evaporator	1081429	-	-	-	1		
48	Manifold, Evaporator	1081494	-	-	-	-	1	
48	Manifold, Evaporator	1082409	-	-	-	-	-	1
51	Tube, Drain	1069172	1	1	1	1		
52	Contol, Flow	1082401	1					
52	Contol, Flow	1082404	-	1				
52	Contol, Flow	1082402	-	-	1			
52	Contol, Flow	1082403	-	-	-	1		
52	Contol, Flow	1082405	-	-	-	-	1	
52	Contol, Flow	1082406	-	-	-	-	-	1
53	Plug, Compressor Harness	1083654	1	1	1	1		
53	Plug, Compressor Harness	1083935	-	-	-	-	1	1
A	Grille, Outlet	1068202	1	1	1	1		
A	Grille, Outlet	1072842	-	-	-	-	1	1
AA	Cover, Duct	1068159	2	2	2	2		
AA		1068158	-	-	-	-	2	2
B	Panel, Top	1068191	1	1	1	1		
B		1068157	-	-	-	-	1	1
BB	Partition, Center	1065034	1	1	1	1		
C	Orifice, Condenser Fan	1065724	1	1	1	1		
C		1065725	-	-	-	-	1	1
CC	Bracket, Supply Air	1054524	1	1	1	1		
CC		1054525	-	-	-	-	1	1
D	Housing, Blower	1065300	1	1				
D		1065301	-	-	1	1		
D		1066363	-	-	-	-	1	1
E	Deck, Blower	1065949	1	1	1	1		
E		1065948	-	-	-	-	1	1
F	Panel, Access	1068180	1	1	1	1		
F		1068181	-	-	-	-	1	1
FF	Baffle, Air	1054522	-	-	-	-	1	1
G	Plate, Block Off	1066107	1	1	1	1	1	1
H	Panel, Division	1065942	1	1	1	1		
H		1065943	-	-	-	-	1	1
J	Post, Electrical Corner	1068192	1	1	1	1		
J		1068193	-	-	-	-	1	1
JJ	Nut, Cap	1067902	4	4	4	4	4	4
K	Bracket, Terminal Board Mtg.	1066106	1	1	1	1	1	1
KK	Baffle, Air	1066364	-	-	-	-	1	1
L	Plate, Conduit	1068179	1	1	1	1	1	1
LL	Plate, Control	1066168	1	1	1	1	1	1
M	Panel, Electrical Access	1068185	1	1	1	1		
M		1068186	-	-	-	-	1	1
MM	Bracket, Filter Top	1065618	-	-	-	-	1	1
N	Panel, Pressure Port	1068182	1	1	1	1		
N		1068164	-	-	-	-	1	1
N1	Panel, Compressor Access	1068174	1					

Parts List, Tech Labels & Wiring Diagrams for PAAA & PAMB Series

	DESCRIPTION	Part No	24	30	36	42	48	60
NN	Support, Filter Top	1054502	-	-	-	-	1	1
O	Plate, Pressure Port	1068189	1	1	1	1	1	1
OO	Panel, Coil Support	1082434	-	-	-	-	1	1
PP	Panel, Heating Area	1054508	-	-	-	-	1	1
QQ	Baffle, Coil	1082435	-	-	-	-	1	1
R	Post, Corner	1068167	2	2	2	2		
R		1068172	-	-	-	-	1	1
RR	Panel, Drain Outlet	1068162	-	-	-	-	1	1
S	Rail, Base	1065001	4	4	4	4	2	2
S1	Rail, Base	1054464	-	-	-	-	1	1
S2	Rail, Base	1084078	-	-	-	-	1	1
SS	Panel, Filter Access	1068175	-	-	-	-	1	1
T	Panel, Base	1065031	1	1	1	1		
T		1054463	-	-	-	-	1	1
U	Panel, Return Air	1068166	1	1	1	1		
U		1068160	-	-	-	-	1	1

	DESCRIPTION	Part No	24	30	36	42	48	60
UU	Post, Return Air	1068168	-	-	-	-	1	1
V	Partition, Return Air	1065033	1	1	1	1		
V		1054471	-	-	-	-	1	1
VV	Post, Center	1068163	-	-	-	-	1	1
WW	Clamp, Capacitor	1095020	1	1	1	1		
WW		1095022	-	-	-	-	1	1
X	Pan, Drain	1065795	1	1	1	1		
X		1068366	-	-	-	-	1	1
XX	Panel, Cut Off	95143	1	1				
XX		1065102	-	-	1	1		
XX		1065073	-	-	-	-	1	1
Y	Bracket, Evaporator	1065035	1	1	1	1		
Y		1082436	-	-	-	-	1	1
YY	Bracket, Blower Support	1065030	-	-	-	-	1	1
Z	Panel, Supply Air	1068165	1	1	1	1		
Z		1068161	-	-	-	-	1	1

NOTES:

Exploded view diagram of the upper section of a refrigerator, showing components like the condenser coils, evaporator coils, and the compressor. The diagram includes numbered callouts for parts 1 through 53, with a note "53 (PLUG & HARNESS NOT SHOWN)".

The diagram is divided into two main sections:

- Top Left:** Shows the condenser coils (11) and associated components, including the condenser fan motor (2) and fan blades (3). Other parts shown include the condenser coils (5), the condenser fan motor (2), and the fan blades (3).
- Top Right:** Shows the evaporator coils (14) and the compressor (8). The evaporator coils are shown with the evaporator fan motor (4) and fan blades (3). The compressor is shown with the compressor fan motor (8) and fan blades (3).

The bottom section shows the evaporator coils (14) and the compressor (8) assembly. The evaporator coils are shown with the evaporator fan motor (4) and fan blades (3). The compressor is shown with the compressor fan motor (8) and fan blades (3).

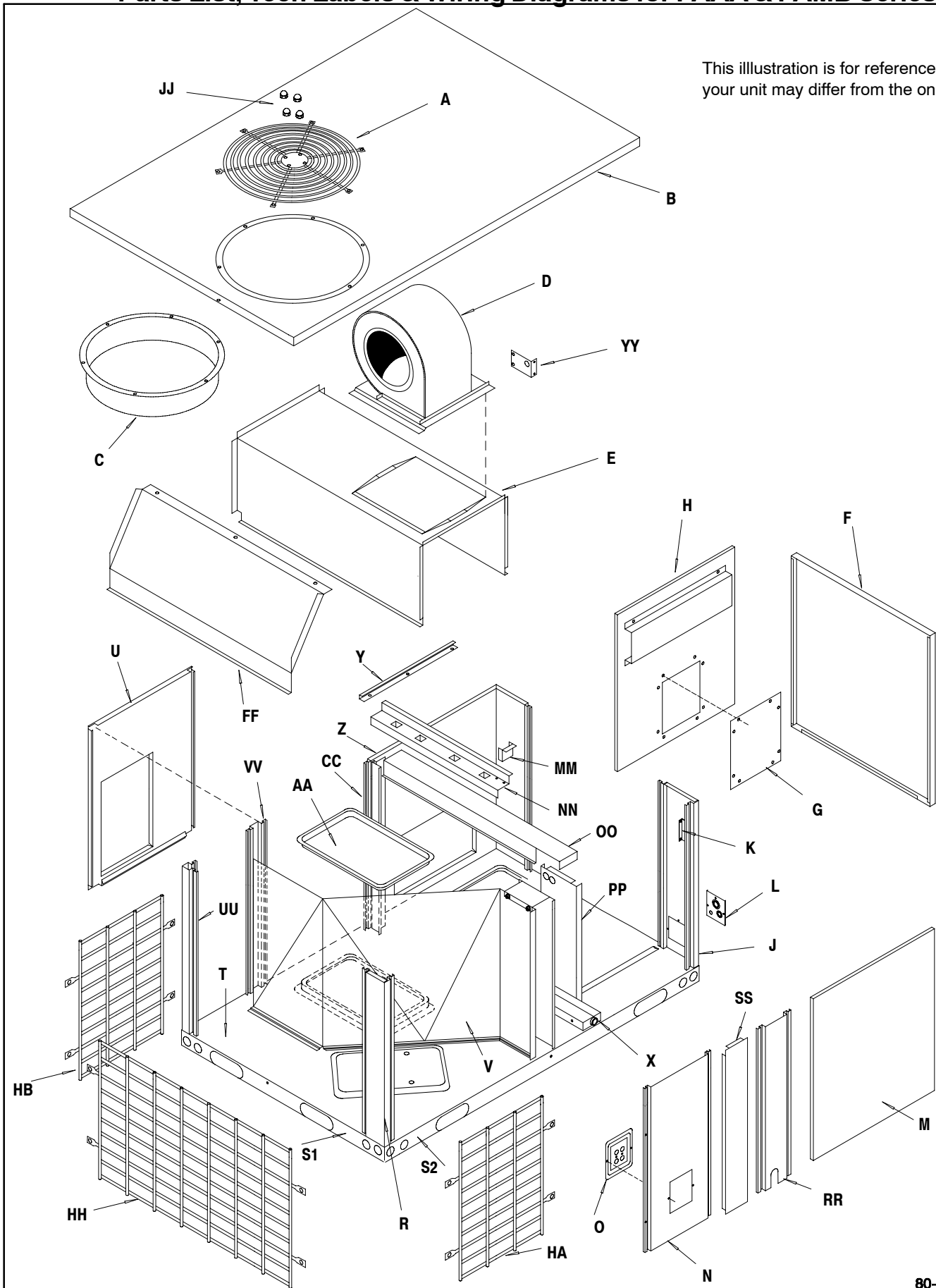
Key components and callouts include:

- 1: Evaporator fan motor
- 2: Condenser fan motor
- 3: Fan blades
- 4: Evaporator fan motor
- 5: Condenser coils
- 6: Condenser fan motor
- 7: Condenser fan motor
- 8: Compressor
- 9: Condenser coils
- 10: Condenser fan motor
- 11: Condenser coils
- 12: Condenser fan motor
- 13: Condenser fan motor
- 14: Evaporator coils
- 15: Condenser fan motor
- 16: Condenser fan motor
- 17: Condenser fan motor
- 18: Condenser fan motor
- 19: Condenser fan motor
- 20: Condenser fan motor
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- 41: Condenser fan motor
- 42: Condenser fan motor
- 43: Condenser fan motor
- 44: Condenser fan motor
- 45: Condenser fan motor
- 46: Condenser fan motor
- 47: Condenser fan motor
- 48: Condenser fan motor
- 49: Condenser fan motor
- 50: Condenser fan motor
- 51: Condenser fan motor
- 52: Condenser fan motor
- 53: Plug & harness (not shown)

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Parts List, Tech Labels & Wiring Diagrams for PAAA & PAMB Series

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



80-31-25

Parts List, Tech Labels & Wiring Diagrams for PAAA & PAMB Series

Style No:	PAMB24 /PAAA24N1K		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	17.2		70	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	21.2	22.0	24.1	-	20.7	21.4	23.5	-	20.2	20.9	22.9	-	19.2	19.9	21.8	-	17.8	18.4	20.2	-
Delay Fuse	20			S/T	0.77	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-
Max. Fuse	25			AMPS	9.5	9.7	10.0	-	10.2	10.5	10.8	-	10.9	11.1	11.4	-	11.5	11.7	12.1	-	12.1	12.3	12.7	-
Compressor	COPELAND			HI PR	187	201	213	-	213	229	242	-	242	261	275	-	273	293	310	-	301	324	342	-
RLA	11.2		75	LO PR	64	68	75	-	67	71	77	-	70	75	81	-	73	78	85	-	76	81	88	-
LRA	61			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
Cap MFD/V	35 / 370			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
CC Heater	NAMA001SC			AMPS	9.6	9.8	10.1	10.4	10.3	10.5	10.8	11.2	10.9	11.2	11.5	11.9	11.6	11.8	12.2	12.6	12.2	12.4	12.8	13.3
Start Kit				HI PR	189	203	215	224	215	231	244	255	245	263	278	290	275	296	313	326	304	327	346	361
Cond & Evap	Cond	Evap	80	LO PR	65	69	75	80	67	72	78	83	71	75	82	88	74	79	86	92	77	82	89	95
Type	Fan	Blower		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
Size	20	DD10-8A		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
Motor-HP	1/6	1 / 3		AMPS	9.7	9.9	10.2	10.5	10.4	10.6	10.9	11.3	11.0	11.3	11.6	12.0	11.7	11.9	12.3	12.7	12.3	12.5	12.9	13.4
Type	PSC	PSC		HI PR	191	205	217	226	217	234	247	257	247	266	281	293	278	299	316	330	307	331	349	364
FLA	1	2.3	85	LO PR	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	90	96
LRA	1.72	4.1		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
RPM	1145	1175		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
Cap MFD/V	3 / 440	7.5/370		AMPS	9.8	10.0	10.2	10.6	10.5	10.7	11.0	11.4	11.1	11.4	11.7	12.1	11.8	12.0	12.4	12.8	12.4	12.6	13.0	13.5
PTCR	Hi Press	Low Press		HI PR	193	207	219	229	219	236	249	260	250	269	284	296	281	302	319	333	310	334	353	368
Hi Press			LO PR	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	94	78	83	91	97	
Low Press	Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for Wet Coil)																							
Operating Chg	(R-22 Oz)		230 Volt				External Static Press (Inch Water Column)				208 Volt				External Static Press (Inch Water Column)									
(No Lines)*	66		Speed Tap	0.1	0.2	0.3	0.4	0.5	0.6	0.7	Speed Tap	0.1	0.2	0.3	0.4	0.5	0.6	0.7						
Service Driers	8 Cu In / 7 oz 30 Sq In		HI	1338	1296	1252	1203	1147	1081	1005	HI	1242	1205	1161	1116	1061	922	921						
Liquid/Chg			MD HI	1030	1011	988	959	921	873	811	MD HI	897	974	959	830	811	768	717						
Suction			MD LO	-	-	-	-	-	-	-	-	MD LO	-	-	-	-	-	-	-					
Unit Weight	410		LO	836	826	811	789	757	716	662	LO	708	694	675	653	622	578	526	1082328					

Style No:	PAMB30 / PAAA30N1K		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	21.6		70	MBh	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
Wire Ga/Ft	NEC				S/T	0.77	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-
Delay Fuse	30				AMPS	12.6	12.9	13.2	-	13.5	13.8	14.2	-	14.3	14.6	15.1	-	15.1	15.4	15.9	-	15.9	16.3	16.7	-
Max. Fuse	35				HI PR	180	193	204	-	204	220	232	-	233	251	265	-	262	282	298	-	289	311	329	-
Compressor	COPELAND				LO PR	62	66	72	-	64	68	75	-	68	72	78	-	71	75	82	-	73	78	85	-
RLA	14.4		75	MBh	26.6	27.4	29.7	31.9	26.0	26.8	29.0	31.1	25.4	26.1	28.3	30.4	24.1	24.8	26.9	28.8	22.3	23.0	24.9	26.7	
LRA	82				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
Cap MFD/V	35 / 370				AMPS	12.7	13.0	13.3	13.7	13.6	13.9	14.3	14.8	14.4	14.7	15.2	15.7	15.2	15.6	16.0	16.6	16.0	16.4	16.9	17.5
CC Heater	NAMA001SC				HI PR	182	195	206	215	207	222	235	245	235	253	267	279	265	285	301	314	292	315	332	347
Start Kit					LO PR	62	66	73	77	65	69	75	80	68	73	79	84	71	76	83	88	74	79	86	91
Cond & Evap	Cond	Evap	80	MBh	27.1	27.7	29.6	31.7	26.5	27.1	28.9	30.9	25.8	26.4	28.2	30.1	24.5	25.1	26.8	28.6	22.7	23.2	24.8	26.5	
Type	Fan	Blower			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
Size	20	DD10-8A			AMPS	12.8	13.1	13.4	13.9	13.7	14.0	14.4	14.9	14.6	14.9	15.3	15.8	15.4	15.7	16.2	16.7	16.2	16.5	17.0	17.6
Motor-HP	1/3	1 / 3			HI PR	183	197	208	217	209	224	237	247	238	256	270	282	267	288	304	317	295	318	336	350
Type	PSC	PSC			LO PR	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	89	75	79	87	92
FLA	1.4	2.3	85	MBh	27.6	28.1	29.5	31.4	26.9	27.5	28.8	30.7	26.3	26.8	28.1	29.9	25.0	25.5	26.7	28.4	23.1	23.6	24.7	26.3	
LRA	3.57	4.1			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	1135	1200			AMPS	12.9	13.2	13.5	14.0	13.8	14.1	14.5	15.0	14.7	15.0	15.4	15.9	15.5	15.8	16.3	16.9	16.3	16.7	17.2	17.7
Cap MFD/V	5 / 370	7.5/370			HI PR	185	199	211	220	211	227	239	250	240	258	273	284	270	291	307	320	298	321	339	354
PTCR	Hi Press	Low Press			LO PR	64	68	74	79	66	70	77	82	70	74	81	86	73	78	85	90	75	80	88	93
Low Press			Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for Wet Coil)																						
Operating Chg	(R-22 Oz)	230 Volt				External Static Press (Inch Water Column)				208 Volt				External Static Press (Inch Water Column)											
(No Lines)*	79	Speed Tap	0.1	0.2	0.3	0.4	0.5	0.6	0.7	Speed Tap	0.1	0.2	0.3	0.4	0.5	0.6	0.7								
Service Driers	8 Cu In / 7 oz 30 Sq In	HI	1338	1296	1252	1203	1147	1081	1005	HI	1242	1205	1161	1116	1061	922	921								
Liquid/Chg		MD HI	1030	1011	988	959	921	873	811	MD HI	897	874	859	830	811	768	717								
Suction		MD LO	-	-	-	-	-	-	-	MD LO	-	-	-	-	-	-	-								
Unit Weight	425	LO	836	826	811	789	757	716	662	LO	708	694	675	653	622	578	526	1082463							

Parts List, Tech Labels & Wiring Diagrams for PAAA & PAMB Series

Style No:	PAMB36 / PAAA36N1K			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	29.3			59 63 67 71				59 63 67 71				59 63 67 71				59 63 67 71								
Wire Ga/Ft	NEC			59 63 67 71				59 63 67 71				59 63 67 71				59 63 67 71								
Delay Fuse	35			59 63 67 71				59 63 67 71				59 63 67 71				59 63 67 71								
Max. Fuse	45		70	MBh	31.6	32.7	35.9	-	30.8	32.0	35.0	-	30.1	31.2	34.2	-	28.6	29.6	32.5	-	26.5	27.4	30.1	-
				S/T	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
				AMPS	15.4	15.7	16.1	-	16.5	16.8	17.3	-	17.4	17.7	18.2	-	18.3	18.7	19.2	-	19.2	19.6	20.1	-
				HI PR	189	203	214	-	214	231	244	-	244	263	277	-	275	295	312	-	303	326	345	-
Compressor	COPELAND		75	LO PR	64	68	75	-	67	71	77	-	70	75	81	-	73	78	85	-	76	81	88	-
RLA	19.5			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
LRA	82			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
Cap MFD/V	35 / 440			AMPS	15.6	15.9	16.3	16.7	16.6	16.9	17.4	17.9	17.5	17.9	18.4	18.9	18.4	18.8	19.3	19.9	19.3	19.7	20.3	20.9
CC Heater			85	HI PR	190	205	216	226	216	233	246	257	247	265	280	292	277	298	315	329	306	330	348	363
Start Kit	NAMA001SC			LO PR	65	69	75	80	67	72	78	83	71	75	82	88	74	79	86	92	77	82	89	95
Cond & Evap	Cond	Evap		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
Type	Fan	Blower		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
Size	20	DD11-8A	80	AMPS	15.7	16.0	16.4	16.9	16.7	17.1	17.5	18.1	17.7	18.0	18.5	19.1	18.6	19.0	19.5	20.1	19.5	19.9	20.4	21.1
Motor-HP	1/3	1 / 2		HI PR	192	207	218	228	219	235	248	259	249	268	283	295	280	302	318	332	310	333	352	367
Type	PSC	PSC		LO PR	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	90	96
FLA	1.4	3.6		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	3.57	7.5	85	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
RPM	1135	1435		AMPS	15.8	16.1	16.5	17.0	16.9	17.2	17.7	18.2	17.8	18.1	18.6	19.2	18.7	19.1	19.6	20.3	19.6	20.0	20.6	21.3
Cap MFD/V	5 / 370	15/370		HI PR	194	209	221	230	221	238	251	262	252	271	286	298	283	305	322	335	313	336	355	371
PTCR				LO PR	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	94	78	83	91	97
Hi Press			Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for Wet Coil)																					
Low Press																								
Operating Chg (No Lines)*	(R-22 Oz)		230 Volt	External Static Press (Inch Water Column)								208 Volt	External Static Press (Inch Water Column)											
	69		Speed Tap	0.1	0.2	0.3	0.4	0.5	0.6	0.7	Speed Tap	0.1	0.2	0.3	0.4	0.5	0.6	0.7						
Service Driers			HI	1611	1569	1522	1470	1414	1353	1288	HI	1459	1428	1394	1359	1315	1260	1205						
Liquid/Chg Suction	16 Cu In / 11 oz		MD HI	1341	1320	1294	1262	1225	1181	1120	MD HI	1132	1121	1108	1088	1062	1025	984						
	30 Sq In		MD LO	-	-	-	-	-	-	-	MD LO	-	-	-	-	-	-	-						
Unit Weight	435		LO	1167	1157	1139	1114	1083	1047	1007	LO	945	938	928	914	895	868	835	1082464					

Style No:	PAMB42 / PAAA42N1K			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	29.8			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71					
Wire Ga/Ft	NEC																							
Delay Fuse	35		70	MBh	37.2	38.5	42.2	-	36.3	37.6	41.2	-	35.4	36.7	40.2	-	33.6	34.9	38.2	-	31.2	32.3	35.4	-
Max. Fuse	40			S/T	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-
Compressor	COPELAND			AMPS	20.2	20.6	21.2	-	21.7	22.1	22.8	-	22.9	23.4	24.1	-	24.2	24.7	25.5	-	25.5	26.0	26.8	-
RLA	19.9			HI PR	199	214	225	-	226	243	256	-	257	277	292	-	289	311	329	-	319	344	363	-
LRA	107		75	LO PR	63	67	74	-	66	70	77	-	69	74	80	-	73	77	84	-	75	80	87	-
Cap MFD/V	35 / 440			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
CC Heater	NAMA001SC			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
Start Kit				AMPS	20.4	20.8	21.4	22.0	21.8	22.3	22.9	23.7	23.1	23.6	24.3	25.1	24.4	24.9	25.7	26.5	25.7	26.2	27.0	27.9
Cond & Evap	Cond	Evap	80	HI PR	200	216	228	238	228	245	259	270	260	279	295	308	292	314	332	346	323	347	367	382
Type	Fan	Blower		LO PR	64	68	74	79	67	71	77	82	70	74	81	86	73	78	85	91	76	81	88	94
Size	20	DD11-8A		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
Motor-HP	1/3	1 / 2		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
Type	PSC	PSC	85	AMPS	20.5	20.9	21.5	22.2	22.0	22.5	23.1	23.9	23.3	23.8	24.5	25.3	24.6	25.1	25.9	26.7	25.9	26.5	27.2	28.2
FLA	1.4	3.6		HI PR	202	218	230	242	230	248	262	273	262	282	298	313	295	317	335	350	326	351	370	386
LRA	3.57	7.5		LO PR	65	69	75	80	67	72	78	83	71	75	82	87	74	79	86	92	77	81	89	95
RPM	1135	1200		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
Cap MFD/V	5 / 370	15 / 370	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	
PTCR			AMPS	20.7	21.1	21.7	22.4	22.2	22.7	23.3	24.1	23.5	24.0	24.7	25.5	24.8	25.3	26.1	27.0	26.1	26.7	27.5	28.4	
Hi Press			HI PR	204	220	232	242	233	250	264	276	265	285	301	314	298	321	339	353	329	354	374	390	
Low Press			LO PR	65	69	76	81	68	72	79	84	71	76	83	88	75	80	87	92	77	82	90	96	
Operating Chg (No Lines)*	(R-22 Oz) 70		Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for Wet Coil)																					
Service Driers	16 Cu In / 11 oz	30 Sq In	230 Volt	External Static Press (Inch Water Column)								208 Volt	External Static Press (Inch Water Column)											
			Speed Tap	0.1	0.2	0.3	0.4	0.5	0.6	0.7	Speed Tap	0.1	0.2	0.3	0.4	0.5	0.6	0.7						
Liquid/Chg Suction			HI	1611	1569	1522	1470	1414	1353	1288	HI	1459	1428	1394	1359	1315	1260	1205						
Unit Weight	450		MD HI	1341	1320	1294	1262	1225	1181	1128	MD HI	1132	1121	1106	1088	1062	1025	984						
			MD LO	-	-	-	-	-	-	-	-	MD LO	-	-	-	-	-	-	-					
			LO	1167	1157	1139	1114	1083	1047	1007	LO	945	938	928	914	895	868	835						
																							1082465	

Parts List, Tech Labels & Wiring Diagrams for PAAA & PAMB Series

Style No:	PAMB47 / PAAA47N1K		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	36.4		70	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	41.8	43.3	47.5	-	40.8	42.3	46.4	-	39.8	41.3	45.2	-	37.8	39.2	43.0	-	35.0	36.3	39.8	-
Delay Fuse	45			S/T	0.77	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-
Max. Fuse	60			AMPS	20.5	20.9	21.5	-	22.0	22.5	23.1	-	23.3	23.8	24.5	-	24.6	25.1	25.9	-	25.9	26.5	27.2	-
Compressor	COPELAND			HI PR	191	206	217	-	217	234	247	-	248	266	281	-	278	300	316	-	308	331	350	-
RLA	27.4		LO PR	61	65	71	-	63	68	74	-	67	71	77	-	70	74	81	-	72	77	84	-	
LRA	129		75	MBh	42.5	43.8	47.4	50.9	41.5	42.7	46.3	49.7	40.5	41.7	45.1	48.4	38.5	39.6	42.9	46.0	35.6	36.7	39.7	42.6
Cap MFD/V	40 / 440			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
CC Heater				AMPS	20.7	21.1	21.7	22.4	22.2	22.6	23.3	24.1	23.5	24.0	24.7	25.5	24.8	25.3	26.1	27.0	26.1	26.7	27.5	28.4
Start Kit	NAMA001SC			HI PR	193	208	219	229	220	236	249	260	250	269	284	296	281	303	320	333	311	334	353	368
Cond & Evap	Cond	Evap		LO PR	62	66	72	76	64	68	74	79	67	72	78	83	71	75	82	87	73	78	85	90
Type	Fan	Blower	80	MBh	43.3	44.2	47.3	50.5	42.3	43.2	46.1	49.3	41.2	42.1	45.0	48.1	39.2	40.0	42.8	45.7	36.3	37.1	39.6	42.3
Size	22	DD9-9A		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
Motor-HP	3 / 4	1 / 2		AMPS	20.8	21.2	21.8	22.6	22.4	22.8	23.5	24.3	23.7	24.2	24.9	25.7	25.0	25.6	26.3	27.2	26.3	26.9	27.7	28.7
Type	PSC	PSC		HI PR	195	210	222	231	222	239	252	263	253	272	287	299	284	306	323	337	314	338	357	372
FLA	2.6	4		LO PR	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	78	86	91
LRA	6.44	8.75	85	MBh	44.0	44.9	47.0	50.2	43.0	43.8	45.9	49.0	41.9	42.8	44.8	47.8	39.8	40.6	42.5	45.4	36.9	37.6	39.4	42.0
RPM	1155	1200		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
Cap MFD/V	7.5/440	20/370		AMPS	21.0	21.4	22.0	22.7	22.5	23.0	23.7	24.5	23.9	24.4	25.1	25.9	25.2	25.8	26.5	27.4	26.5	27.1	27.9	28.9
PTCR				HI PR	197	212	224	233	224	241	255	265	255	275	290	302	287	309	326	340	317	341	360	376
Hi Press				LO PR	63	67	73	78	65	70	76	81	69	73	80	85	72	77	84	89	74	79	86	92
Low Press			Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for Wet Coil)																					
Operating Chg	(R-22 Oz)		230 Volt	External Static Press (Inch Water Column)								208 Volt	External Static Press (Inch Water Column)											
(No Lines)*	113		Speed Tap	0.1	0.2	0.3	0.4	0.5	0.6	0.7	Speed Tap	0.1	0.2	0.3	0.4	0.5	0.6	0.7						
Service Driers			HI	2184	2124	2062	1997	1928	1854	1773		2015	1971	1918	1859	1794	1725	1652						
Liquid/Chg	30 Cu In / 17 oz		MD HI	2039	1990	1936	1877	1814	1746	1672		1811	1780	1741	1694	1641	1583	1519						
Suction	30 Sq In		MD LO	1638	1614	1584	1549	1507	1457	1398		1378	1366	1349	1326	1296	1257	1207						
Unit Weight	600		LO	1285	1277	1263	1242	1212	1174	1127		1061	1052	1040	1023	1000	970	933	1082466					

1082466

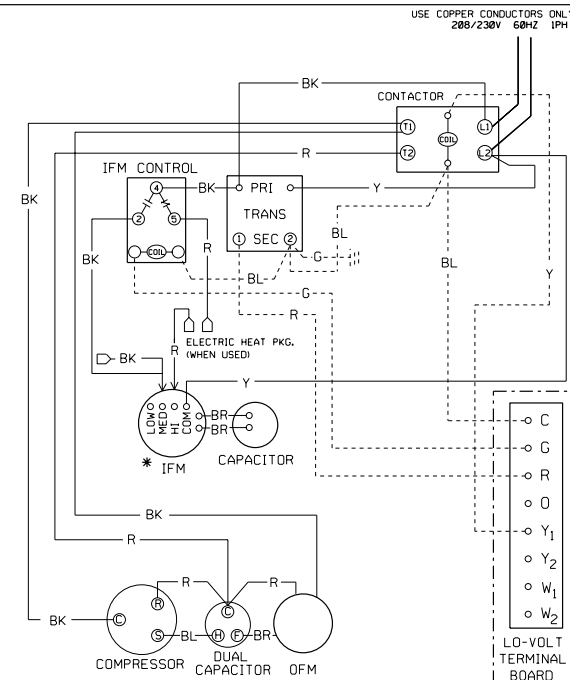
Style No:	PAMB60 / PAAA60N1K		Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
Voltage	208 / 230		75				85				95				105				115							
Phase	1		Entering Indoor Temperature - Degrees F. Wet Bulb																							
Ampacity	43.7		IDB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71			
Wire Ga/Ft	NEC		70	MBh	54.4	56.3	61.7	-	53.1	55.0	60.3	-	51.8	53.7	58.8	-	49.2	51.0	55.9	-	45.6	47.2	51.7	-		
Delay Fuse	60			S/T	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-		
Max. Fuse	70			AMPS	28.4	29.0	29.8	-	30.5	31.2	32.1	-	32.4	33.1	34.0	-	34.2	34.9	36.0	-	36.0	36.8	37.9	-		
Compressor	COPELAND			HI PR	199	214	226	-	226	244	257	-	258	277	293	-	290	312	330	-	321	345	364	-		
RLA	28.8		75	LO PR	60	64	70	-	63	67	73	-	66	70	76	-	69	73	80	-	71	76	83	-		
LRA	169			MBh	55.3	56.9	61.6	66.1	54.0	55.6	60.1	64.5	52.7	54.2	58.7	63.0	50.0	51.5	55.7	59.8	46.3	47.7	51.6	55.4		
Cap MFD/V	55 / 440			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		
CC Heater				AMPS	28.6	29.2	30.1	31.0	30.8	31.4	32.3	33.4	32.6	33.3	34.3	35.5	34.5	35.2	36.3	37.5	36.3	37.1	38.2	39.6		
Start Kit	NAMA001SC		80	HI PR	201	216	229	238	229	246	260	271	260	280	296	309	293	315	333	347	324	348	368	384		
Cond & Evap	Cond	Evap		LO PR	61	65	71	75	63	67	74	78	66	71	77	82	70	74	81	86	72	77	84	89		
Type	Fan	Blower		MBh	56.3	57.5	61.4	65.7	54.9	56.1	60.0	64.1	53.6	54.8	58.5	62.5	50.9	52.0	55.6	59.4	47.2	48.2	51.5	55.0		
Size	22	DD11-11A		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		
Motor-HP	3 / 4	1	85	AMPS	28.8	29.4	30.3	31.3	31.0	31.7	32.6	33.7	32.9	33.6	34.6	35.8	34.8	35.5	36.6	37.8	36.6	37.4	38.6	39.9		
Type	PSC	PSC		HI PR	203	219	231	241	231	249	263	274	263	283	299	312	296	319	336	351	327	352	372	388		
FLA	2.6	5		LO PR	62	65	71	76	64	68	74	79	67	71	78	83	70	75	82	87	73	77	85	90		
LRA	9.52	8.75		MBh	57.2	58.4	61.1	65.2	55.9	57.0	59.7	63.7	54.5	55.6	58.2	62.1	51.8	52.8	55.3	59.0	48.0	48.9	51.2	54.6		
RPM	1155	1200	85	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		
Cap MFD/V	10/440	20/370		AMPS	29.1	29.7	30.5	31.5	31.3	31.9	32.9	34.0	33.2	33.9	34.9	36.1	35.1	35.8	36.9	38.2	36.9	37.7	38.9	40.2		
PTCR				HI PR	205	221	233	243	233	251	265	277	266	286	302	315	299	322	340	354	330	355	375	392		
Hi Press				LO PR	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	78	85	91		
Low Press			Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for Wet Coil)																							
Operating Chg (No Lines)*	(R-22 Oz)	99	230 Volt	External Static Press (Inch Water Column)								208 Volt	External Static Press (Inch Water Column)													
Service Driers			Speed Tap	0.1	0.2	0.3	0.4	0.5	0.6	0.7		Speed Tap	0.1	0.2	0.3	0.4	0.5	0.6	0.7							
Liquid/Chg	30 Cu In / 17 oz		HI	2184	2124	2062	1997	1928	1854	1773			2015	1971	1918	1859	1794	1725	1652							
Suction <td>30 Sq In</td> <td></td> <td>MD HI</td> <td>2039</td> <td>1990</td> <td>1936</td> <td>1877</td> <td>1814</td> <td>1746</td> <td>1672</td> <td></td> <td></td> <td>1811</td> <td>1780</td> <td>1741</td> <td>1694</td> <td>1641</td> <td>1583</td> <td>1519</td> <td colspan="4"></td>	30 Sq In		MD HI	2039	1990	1936	1877	1814	1746	1672			1811	1780	1741	1694	1641	1583	1519							
Unit Weight	620		MD LO	1638	1614	1584	1549	1507	1457	1398			1378	1366	1349	1326	1296	1257	1207							
			LO	1285	1277	1263	1242	1212	1174	1127			1061	1052	1040	1023	1000	970	933	1082467						

Parts List, Tech Labels & Wiring Diagrams for PAAA & PAMB Series

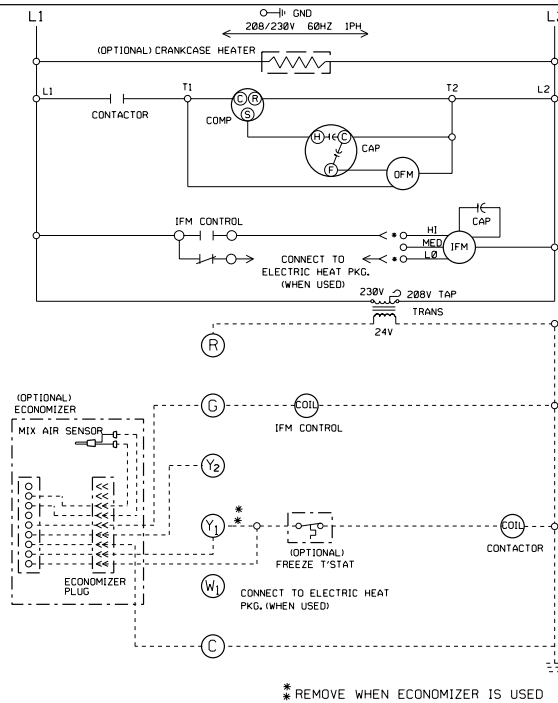
2 to 4
Ton

DANGER: ELECTRICAL SHOCK HAZARD DISCONNECT POWER BEFORE SERVICING

CONNECTION WIRING DIAGRAM



LADDER WIRING DIAGRAM

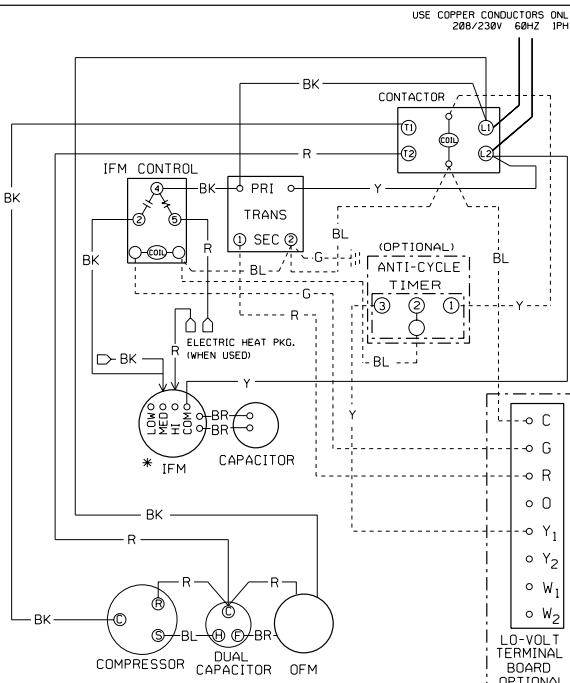


1082460

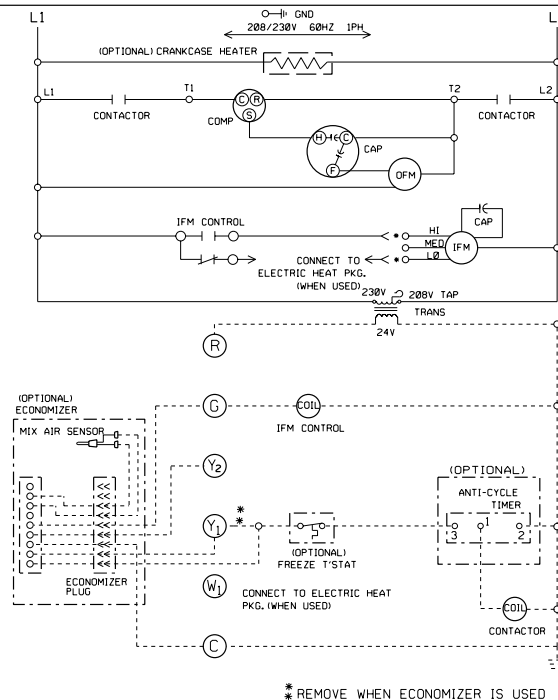
5 Ton

DANGER: ELECTRICAL SHOCK HAZARD DISCONNECT POWER BEFORE SERVICING

CONNECTION WIRING DIAGRAM



LADDER WIRING DIAGRAM



1082479