

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, ZR54K3PFV	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 Assy	1081463	1					
14	Feeder Tube Assy	1081486	-	1				
14	Feeder Tube Assy	1081490	-	-	1			
14	Feeder Tube Assy	1081491	-	-	-	1		
14	Feeder Tube Assy	1081492	-	-	-	-	1	
14	Feeder Tube Assy	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 Assy	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	Control, Flow	1082401	1					
52	Control, Flow	1082404	-	1				
52	Control, Flow	1082402	-	-	1			
52	Control, Flow	1082403	-	-	-	1		
52	Control, Flow	1082405	-	-	-	-	1	
52	Control, 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					

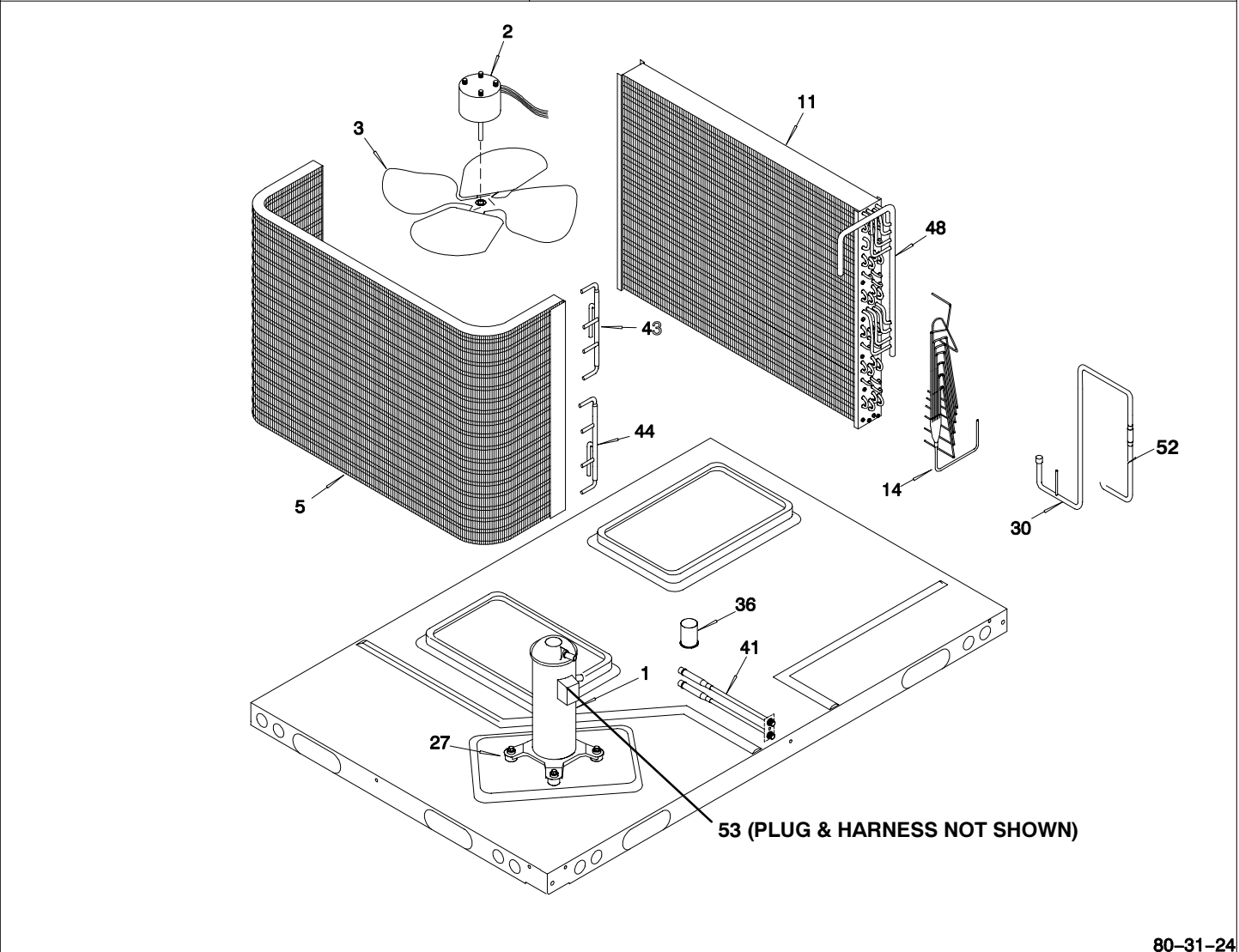
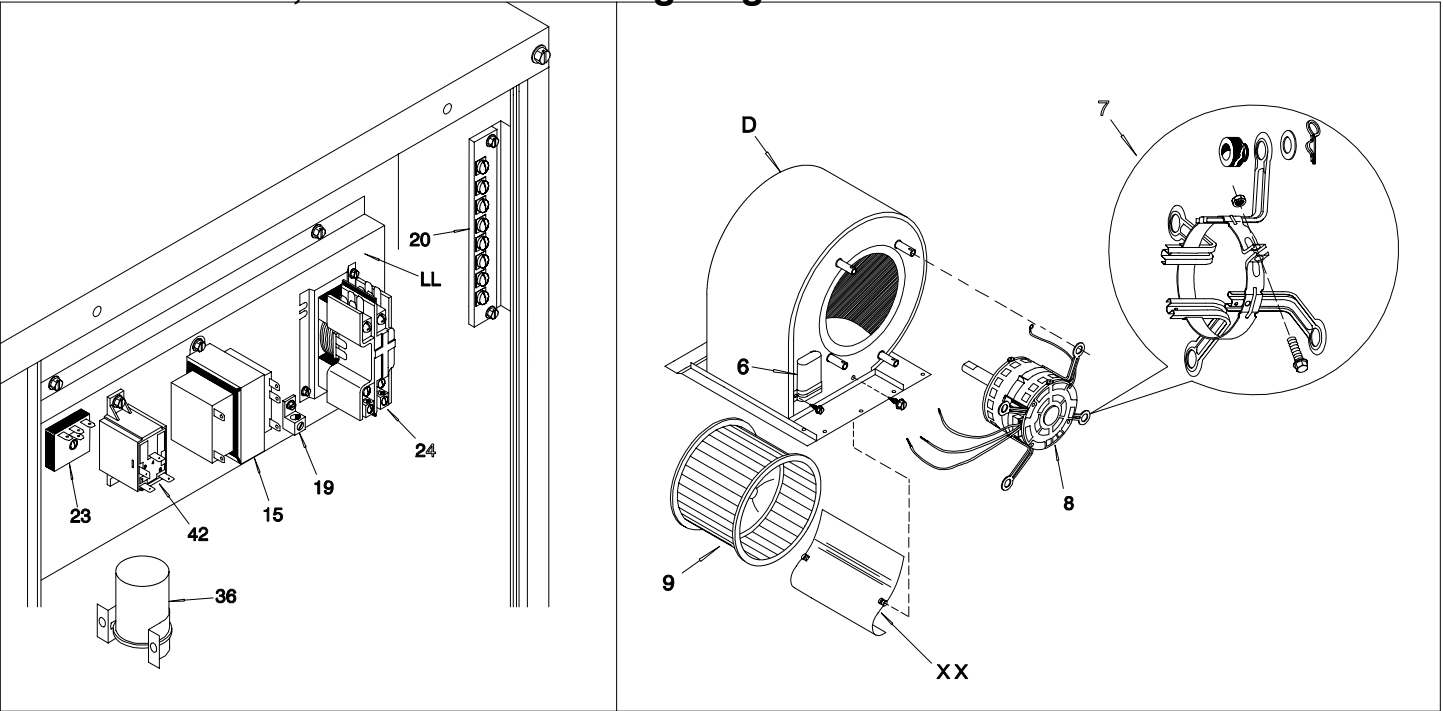
Parts List, Tech Labels & Wiring Diagrams for PAAA & PAMB Series

	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:

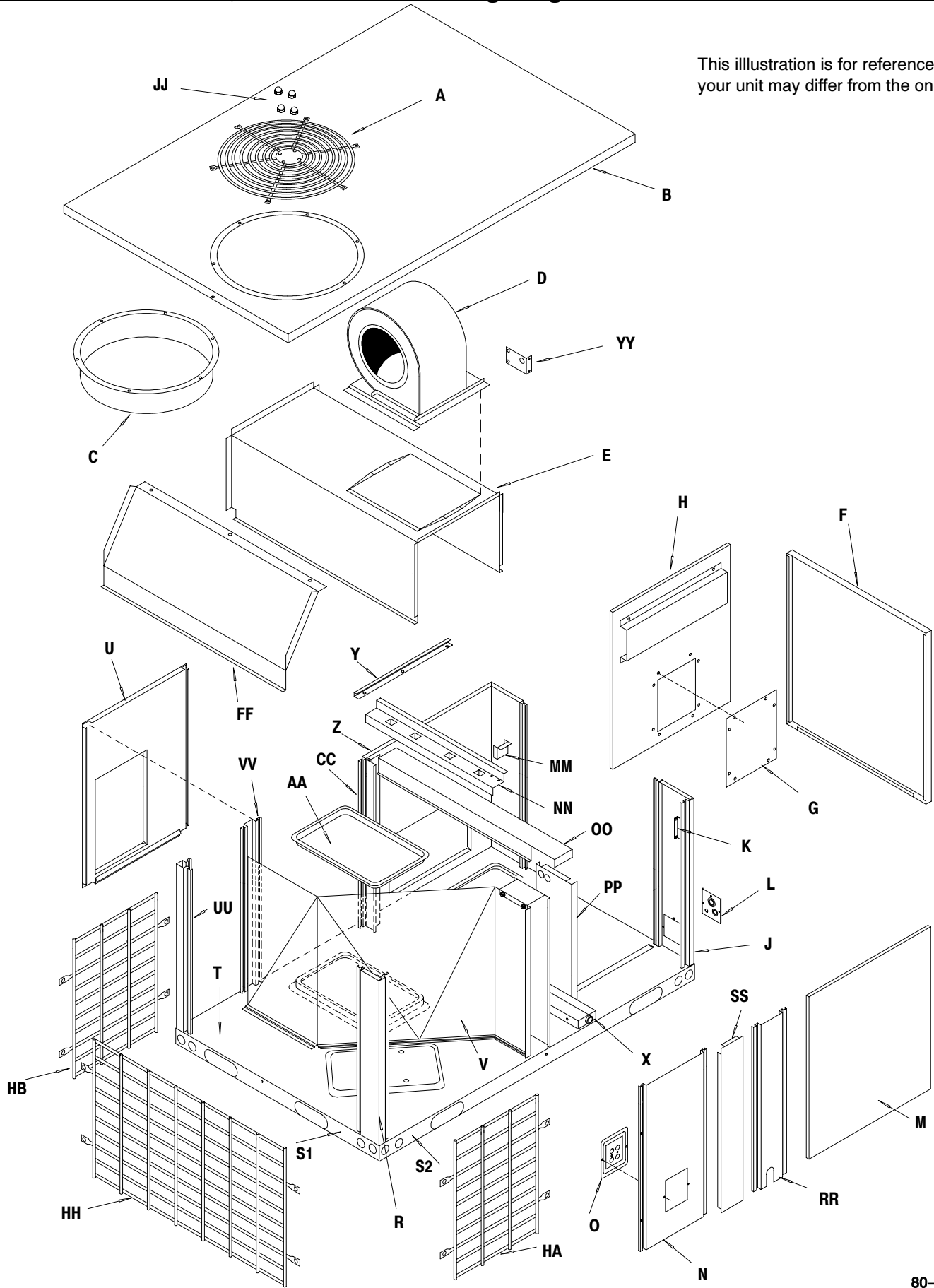
Parts List, Tech Labels & Wiring Diagrams for PAAA & PAMB Series



80-31-24

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

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



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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			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	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				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	NAMA001SC		80	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		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	85	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		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	85	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 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			HI	1338	1296	1252	1203	1147	1081	1005	HI	1242	1205	1161	1116	1061	922	921						
Liquid/Chg	8 Cu In / 7 oz		MD HI	1030	1011	988	959	921	873	811	MD HI	897	974	959	830	811	768	717						
Suction	30 Sq In		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			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	26.2	27.2	29.8	-	25.6	26.5	29.0	-	25.0	25.9	28.3	-	23.7	24.6	26.9	-	22.0	22.8	24.9	-
Delay Fuse	30			SIT	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	35			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	-
Compressor	COPELAND			HI PR	180	193	204	-	204	220	232	-	233	251	265	-	262	282	298	-	289	311	329	-
RLA	14.4		75	LO PR	62	66	72	-	64	68	75	-	68	72	78	-	71	75	82	-	73	78	85	-
LRA	82			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
Cap MFD/V	35 / 370			SIT	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	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
Start Kit	NAMA001SC		80	HI PR	182	195	206	215	207	222	235	245	235	253	267	279	265	285	301	314	292	315	332	347
Cond & Evap	Cond	Evap		LO PR	62	66	73	77	65	69	75	80	68	73	79	84	71	76	83	88	74	79	86	91
Type	Fan	Blower		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
Size	20	DD10-8A		SIT	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	1/3	1 / 3	85	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
Type	PSC	PSC		HI PR	183	197	208	217	209	224	237	247	238	256	270	282	267	288	304	317	295	318	336	350
FLA	1.4	2.3		LO PR	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	89	75	79	87	92
LRA	3.57	4.1		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
RPM	1135	1200	85	SIT	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	5 / 370	7.5/370		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
PTCR				HI PR	185	199	211	220	211	227	239	250	240	258	273	284	270	291	307	320	298	321	339	354
Hi 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 (No Lines)*	(R-22 Oz)		230 Volt	External Static Press (Inch Water Column)								208 Volt	External Static Press (Inch Water Column)											
	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			HI	1338	1296	1252	1203	1147	1081	1005	HI	1242	1205	1161	1116	1061	922	921						
Liquid/Chg	8 Cu In / 7 oz		MD HI	1030	1011	988	959	921	873	811	MD HI	897	974	959	830	811	768	717						
Suction	30 Sq In		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		70	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
Wire Ga/Ft	NEC			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	-			
Delay Fuse	35			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	-			
Max. Fuse	45			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	-			
Compressor	COPELAND			HI PR	188	203	214	-	214	231	244	-	244	263	277	-	275	295	312	-			
RLA	19.5		LO PR	64	68	75	-	67	71	77	-	70	75	81	-	73	78	85	-				
LRA	82		75	MBh	32.1	33.1	35.8	38.4	31.4	32.3	35.0	37.5	30.6	31.5	34.1	36.6	29.1	29.9	32.4	34.8			
Cap MFD/V	35 / 440			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			
CC Heater				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			
Start Kit	NAMA001SC			HI PR	190	205	216	226	216	233	246	257	247	265	280	292	277	298	315	329			
Cond & Evap	Cond	Evap		LO PR	65	69	75	80	67	72	78	83	71	75	82	88	74	79	86	92			
Type	Fan	Blower	80	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			
Size	20	DD11-8A		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			
Motor-HP	1/3	1 / 2		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			
Type	PSC	PSC		HI PR	192	207	218	228	219	235	248	259	249	268	283	295	280	302	318	332			
FLA	1.4	3.6		LO PR	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93			
LRA	3.57	7.5	85	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			
RPM	1135	1435		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			
Cap MFD/V	5 / 370	15/370		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			
PTCR				HI PR	194	209	221	230	221	238	251	262	252	271	286	298	283	305	322	335			
Hi Press				LO PR	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	94			
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)*	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	16 Cu In / 11 oz		MD HI	1341	1320	1294	1262	1225	1181	1128	MD HI	1132	1121	1106	1088	1062	1025	984					
Suction	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			

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		70	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
Wire Ga/Ft	NEC			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	-			
Delay Fuse	35			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	-			
Max. Fuse	40			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	-			
Compressor	COPELAND		75	HI PR	198	214	225	-	226	243	256	-	257	277	292	-	289	311	329	-			
RLA	19.9			LO PR	63	67	74	-	66	70	77	-	69	74	80	-	73	77	84	-			
LRA	107			MBh	37.8	38.9	42.1	45.2	36.9	38.0	41.0	44.1	36.0	37.1	40.1	43.1	34.2	35.2	38.1	40.9			
Cap MFD/V	35 / 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			
CC Heater	NAMA001SC		80	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			
Start Kit				HI PR	200	216	228	238	228	245	259	270	260	279	295	308	292	314	332	346			
Cond & Evap	Cond	Evap	85	LO PR	64	68	74	79	67	71	77	82	70	74	81	86	73	78	85	91			
Type	Fan	Blower		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			
Size	20	DD11-8A		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			
Motor-HP	1/3	1 / 2		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			
Type	PSC	PSC	85	HI PR	202	218	230	240	230	248	262	273	262	282	298	311	295	317	335	350			
FLA	1.4	3.6		LO PR	65	69	75	80	67	72	78	83	71	75	82	87	74	79	86	92			
LRA	3.57	7.5		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			
RPM	1135	1200		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			
Cap MFD/V	5 / 370	15 / 370	85	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			
PTCR	Hi Press			HI PR	204	220	232	242	233	250	264	276	265	285	301	314	298	321	339	353			
Low Press				LO PR	65	69	76	81	68	72	79	84	71	76	83	88	75	80	87	92			
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)*	70 <th>Speed Tap</th> <td>0.1</td> <td>0.2</td> <td>0.3</td> <td>0.4</td> <td>0.5</td> <td>0.6</td> <td>0.7</td> <th>Speed Tap</th> <td>0.1</td> <td>0.2</td> <td>0.3</td> <td>0.4</td> <td>0.5</td> <td>0.6</td> <td>0.7</td>		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	16 Cu In / 11 oz		HI	1611	1569	1522	1470	1414	1353	1288	HI	1459	1428	1394	1359	1315	1260	1205					
Liquid/Chg			MD HI	1341	1320	1294	1262	1225	1181	1128	MD HI	1132	1121	1106	1088	1062	1025	984					
Suction			MD LO	-	-	-	-	-	-	-	MD LO	-	-	-	-	-	-	-					
Unit Weight	450		LO	1167	1157	1139	1114	1083	1047	1007	LO	945	938	928	914	895	868	835					
				1082465																			

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	MBh	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
Wire Gal/Ft	NEC				SIT	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				SIT	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		75	LO PR	61	65	71	-	63	68	74	-	67	71	77	-	70	74	81	-	72	77	84	-	
LRA	129				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				SIT	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	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					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	80	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			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			SIT	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	85	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			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			SIT	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				PTCR	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 (No Lines)*	(R-22 Oz) 113		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					
Service Driers			HI		2184	2124	2062	1997	1928	1854	1773			2015	1971	1918	1859	1794	1725	1652					
Liquid/Chg Suction	30 Cu In / 17 oz		MD HI		2039	1990	1936	1877	1814	1746	1672			1811	1780	1741	1694	1641	1583	1519					
			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				

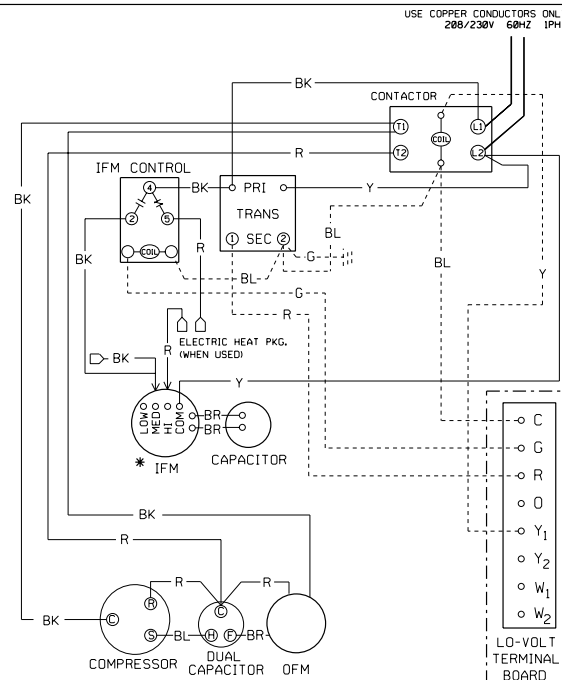
Style No:	PAMB60 / PAAA60N1K			Outdoor Ambient Temperature - Degrees F. Dry Bulb																															
Voltage	208 / 230		IDB	75				85				95				105				115															
Phase	1			Entering Indoor Temperature - Degrees F. Wet Bulb																															
Ampacity	43.7		70	59				63				67				71				59				63				67				71			
Wire Ga/Ft	NEC			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		LO PR	60	64	70	-	63	67	73	-	66	70	76	-	69	73	80	-	71	76	83	-												
LRA	169		75	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	NAMA001SC			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				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	80	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		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	85	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		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	(R-22 Oz)		230 Volt	External Static Press (Inch Water Column)								208 Volt	External Static Press (Inch Water Column)																						
(No Lines)*	99		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	620		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

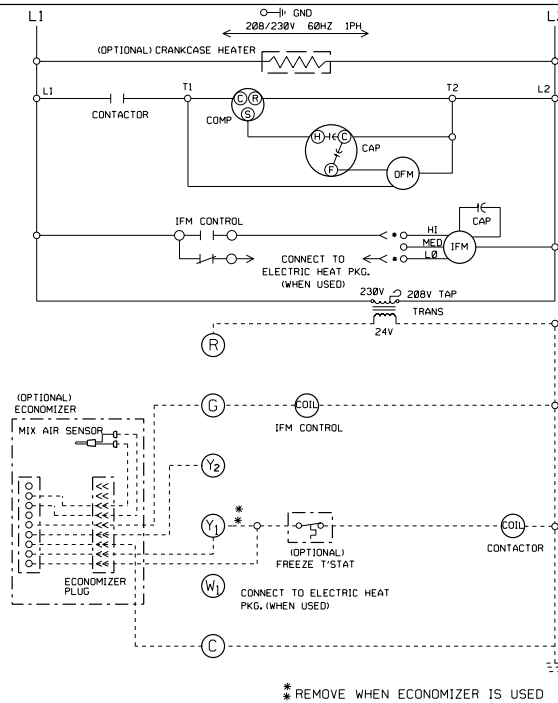
2 to 4
Ton

DANGER: ELECTRICAL SHOCK HAZARD DISCONNECT POWER BEFORE SERVICING

CONNECTION WIRING DIAGRAM



LADDER WIRING DIAGRAM

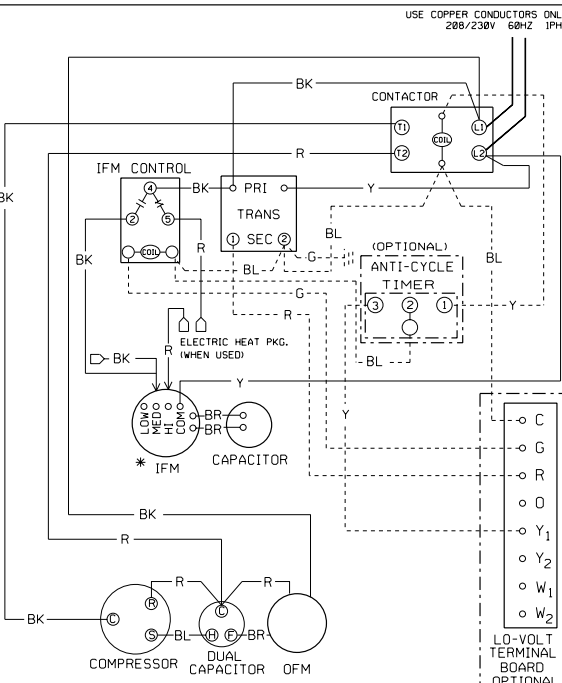


1082460

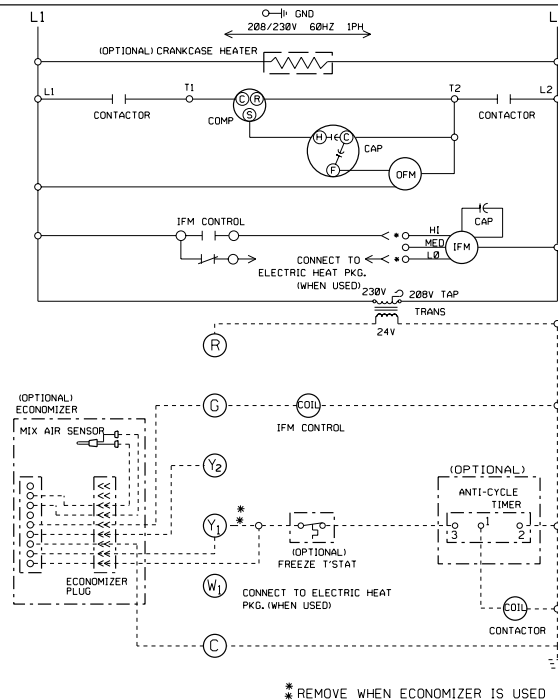
5 Ton

DANGER: ELECTRICAL SHOCK HAZARD DISCONNECT POWER BEFORE SERVICING

CONNECTION WIRING DIAGRAM



LADDER WIRING DIAGRAM



1082479