

Parts List Tech Labels, Wiring Diagrams

Models

Three Phase

PAB075N2HC	PAMD75HC
PAB075N2LC	PAMD75FC
PAB075N2SC	PAMD75NC

Single Package Air Conditioners

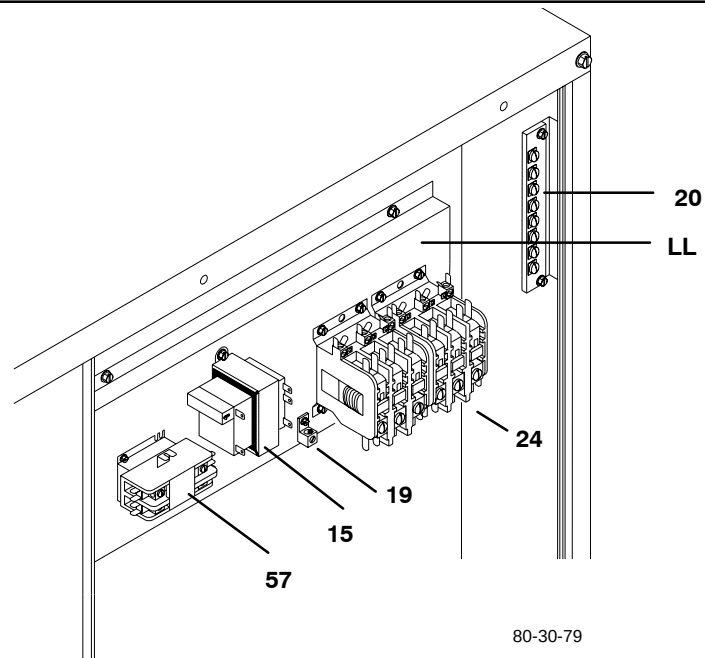
Save This Manual For Future Reference

Model Numbers: PAB075N2HC, PAB075N2LC, PAB075N2SC, / PAMD75HC, PAMD75FC, PAMD75NC

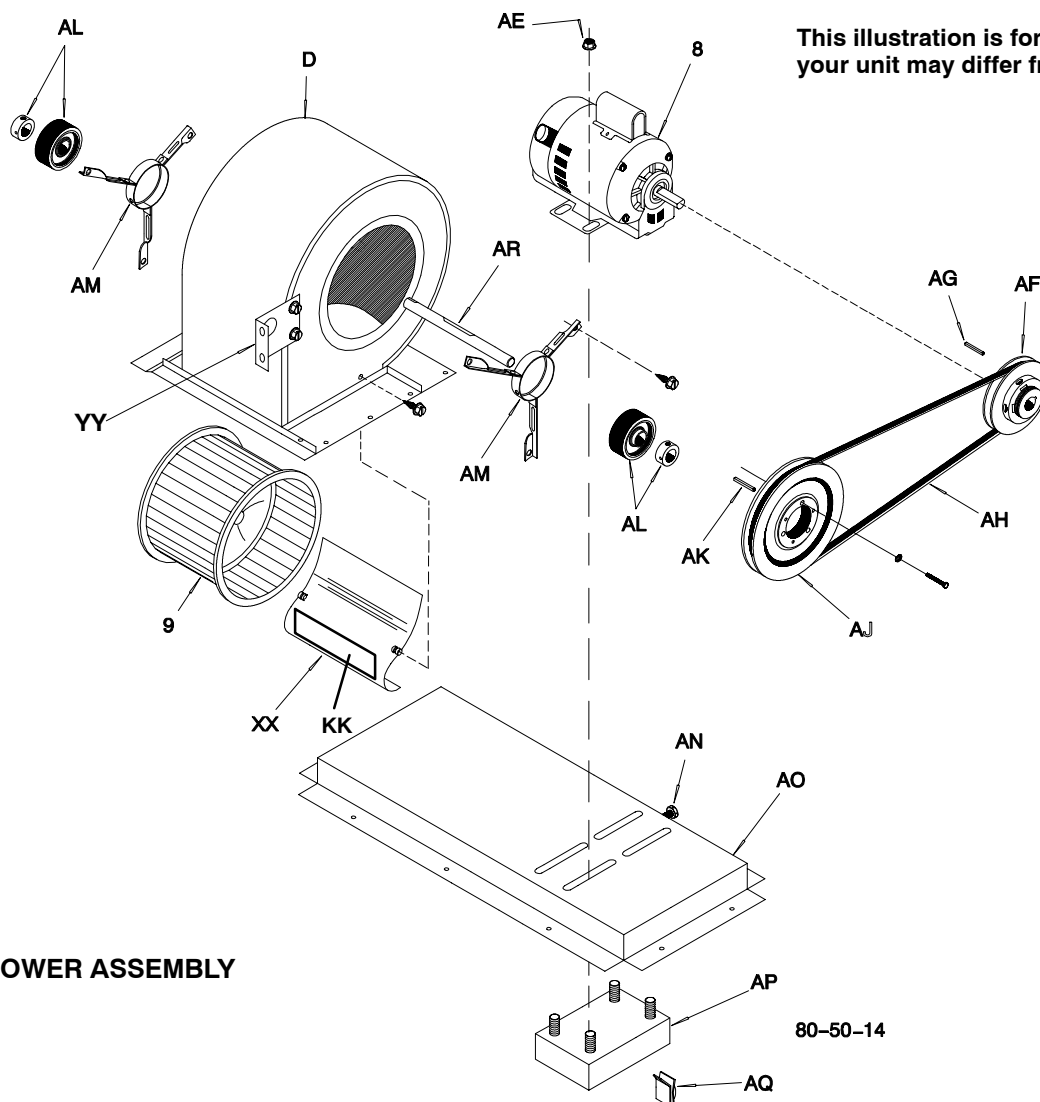
Key No.	Description	Part Number	PAB075N2HC PAMD75HC	PAB075N2LC PAMD75FC	PAB075N2SC PAMD75NC
1	Compressor, With Plug Connection	ZR36K3TF5130	2		
1		ZR36K3TFD130	*	2	
1		ZR36K3TFE130	*	*	2
2	Motor, Condenser	1098501	1		
2		1098502	*	1	
2		1098503	*	*	1
3	Fan Blade	1080792	1	1	1
5	Coil, Condenser	1098733	1	1	1
8	Motor, Blower	1065851	1		
8		1054600	*	1	
8		1054581	*	*	1
9	Wheel, Blower	1054596	1	1	1
11	Coil, Evaporator	1098592	1	1	1
14	Liquid Tube Assy. Included with Evap. Coil				
15	Transformer, 230 Volt, 65 VA	1054637	1		
15	460/575 Volt, 65 VA	1054638	*	1	1
19	Lug, Ground	91590	1	1	1
20	Strip, Terminal	1066159	1	1	1
24	Contactor, 30 Amp., 3 Pole	1114066	2	2	2
27	Grommet, Compressor Mounting	1052060	8	8	8
28	Switch, Low Pressure	1096252	2	2	2
29	Switch, High Pressure	1096251	2	2	2
36	Capacitor, 10 Mfd., 440Volt	1094965	1	1	1
41	Port Assembly	1096263	2	2	2
43	Manifold, Included with Condenser Coil				
44	Manifold, Included with Condenser Coil				
45	Drier	713894	2	2	2
48	Manifold, Included with Evaporator Coil				
53	Switch, Temperature	1098701	1	1	1
54	Switch, Temperature	1098717	1	1	1
55	Filter, Air (20" X 30" X 2")	1054503	2	2	2
57	Contactor, 30 Amp., 2 Pole	1054736	1	1	1
58	Liquid Tube Assy. Included with Evap. Coil				
59	Manifold, Included with Evaporator Coil				
60	Plug, Compressor Harness #1	1083935	1	1	1
61	Plug, Compressor Harness #2	1097526	1	1	1
A	Grille, Outlet	1064542	1	1	1
B	Panel, Top	1068157	1	1	1
C	Orifice, Condenser Fan	1065725	1	1	1
D	Housing, Blower	1066773	1	1	1
E	Deck, Blower	1065948	1	1	1
F	Panel, Access	1068181	1	1	1
G	Plate, Block Off	1066107	1	1	1
H	Panel, Division	1065943	1	1	1
J	Post, Electrical Corner	1068193	1	1	1
K	Bracket, Lo Vo Terminal Mtg	1066106	1	1	1
L	Plate, Conduit	1068179	1	1	1
M	Panel, Electrical Access	1068186	1	1	1
N	Panel, Pressure Port	1068164	1	1	1
O	Plate, Pressure Port	1068190	1	1	1

Key No.	Description	Part Number	PAB075N2HC PAMD75HC	PAB075N2LC PAMD75FC	PAB075N2SC PAMD75NC
R	Post, Return Air Corner	1068168	1	1	1
S	Rail, Base	1065001	1	1	1
S1	Rail, Base	1084078	1	1	1
S2	Rail, Base	1054464	1	1	1
S3	Rail, Base	1113559	1	1	1
U	Panel, Return Air	1068160	1	1	1
V	Partition, Return Air	1054471	1	1	1
X	Pan, Drain	1113589	1	1	1
Y	Bracket, Evap	1098999	1	1	1
Z	Panel, Supply Air	1068161	1	1	1
AA	Cover, Duct	1068158	2	2	2
CC	Bracket, Supply Air	1054525	1	1	1
FF	Baffle, Evap Blower	1054522	1	1	1
JJ	Nut, Cap	1067902	4	4	4
KK	Baffle, Air Blower	1066364	1	1	1
LL	Plate, Control	1066168	1	1	1
MM	Bracket, Filter Top	1065618	1	1	1
NN	Support, Filter Top	1054502	1	1	1
OO	Panel, Coil Support	1098509	1	1	1
PP	Panel, Heating Area	1098508	1	1	1
QQ	Baffle Coil	1082435	1	1	1
RR	Panel, Drain Outlet	1068162	1	1	1
SS	Panel, Filter Access	1068175	1	1	1
UU	Post, Condenser Corner	1068172	1	1	1
V V	Post, Center	1068163	1	1	1
XX	Panel, Blower Cutoff	1065073	1	1	1
YY	Bracket, Blower Support	1065030	1	1	1
AB	Retainer, Filter	1054517	2	2	2
AE	Nut, Lock	1065729	4	4	4
AF	Pulley, Motor	1097240	1	1	1
AG	Key, Motor Pulley	1065663	1	1	1
AH	Belt	1097259	1	1	1
AJ	Pulley, Blower	1097292	1	1	1
AK	Key, Blower Pulley	1065660	1	1	1
AL	Bearing / Collar	1054577	2	2	2
AM	Mount, Bearing Support	1054599	2	2	2
AN	Screw, Adjusting	1065401	1	1	1
AO	Base, Motor Support	1054520	1	1	1
AP	Plate, Motor Slide	1054521	1	1	1
AQ	U-Clip	1054624	1	1	1
AR	Shaft, Blower	1054598	1	1	1
) (	Handle, Filter Access Door	1068209	1	1	1
) (	Coupling, Male	1054625	1	1	1
) (	Manual, Parts List	51304101000	1	1	1
) (	Manual, installation	51301130100	1	1	1

CONTROL BOX



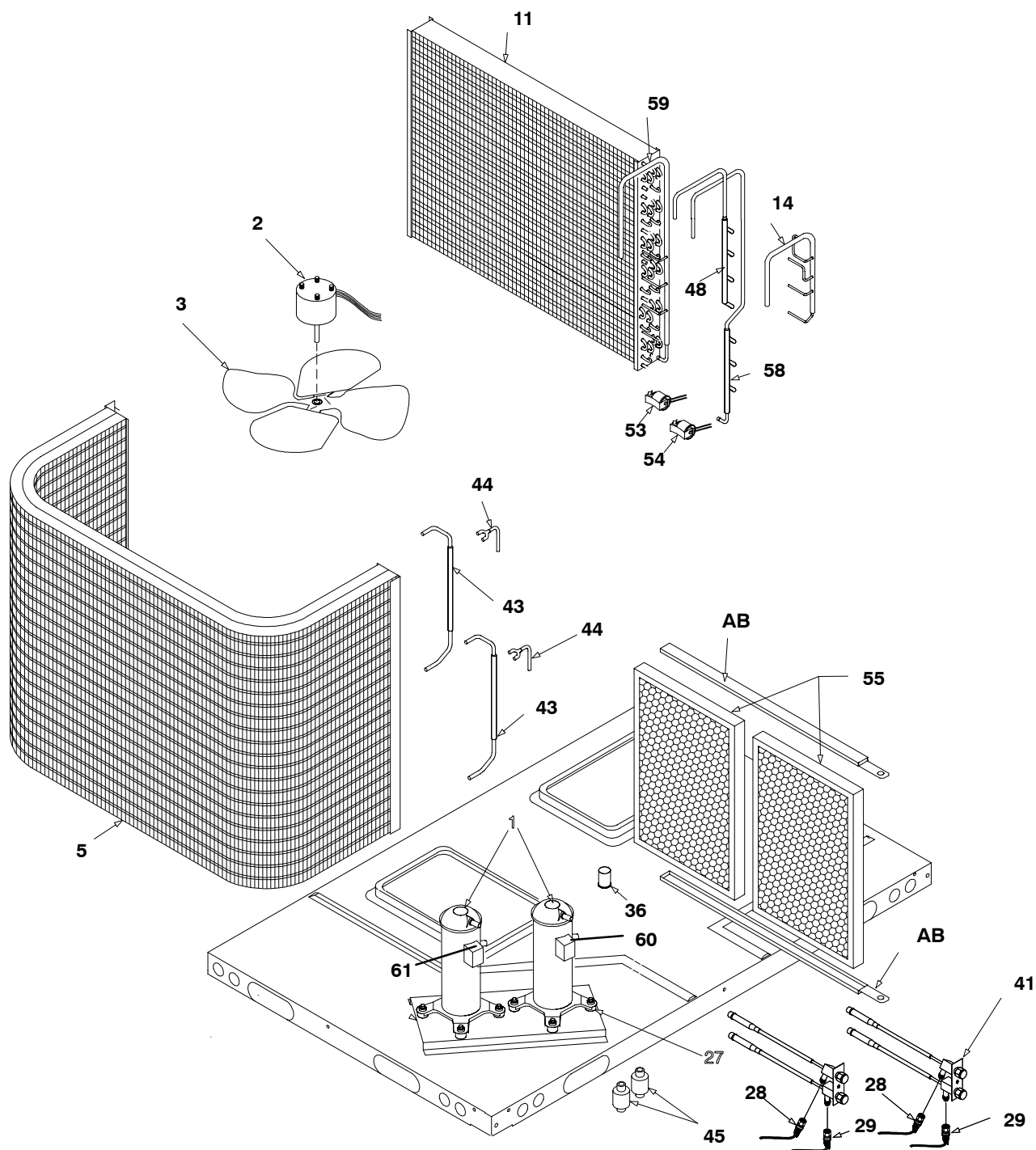
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BLOWER ASSEMBLY

80-50-14

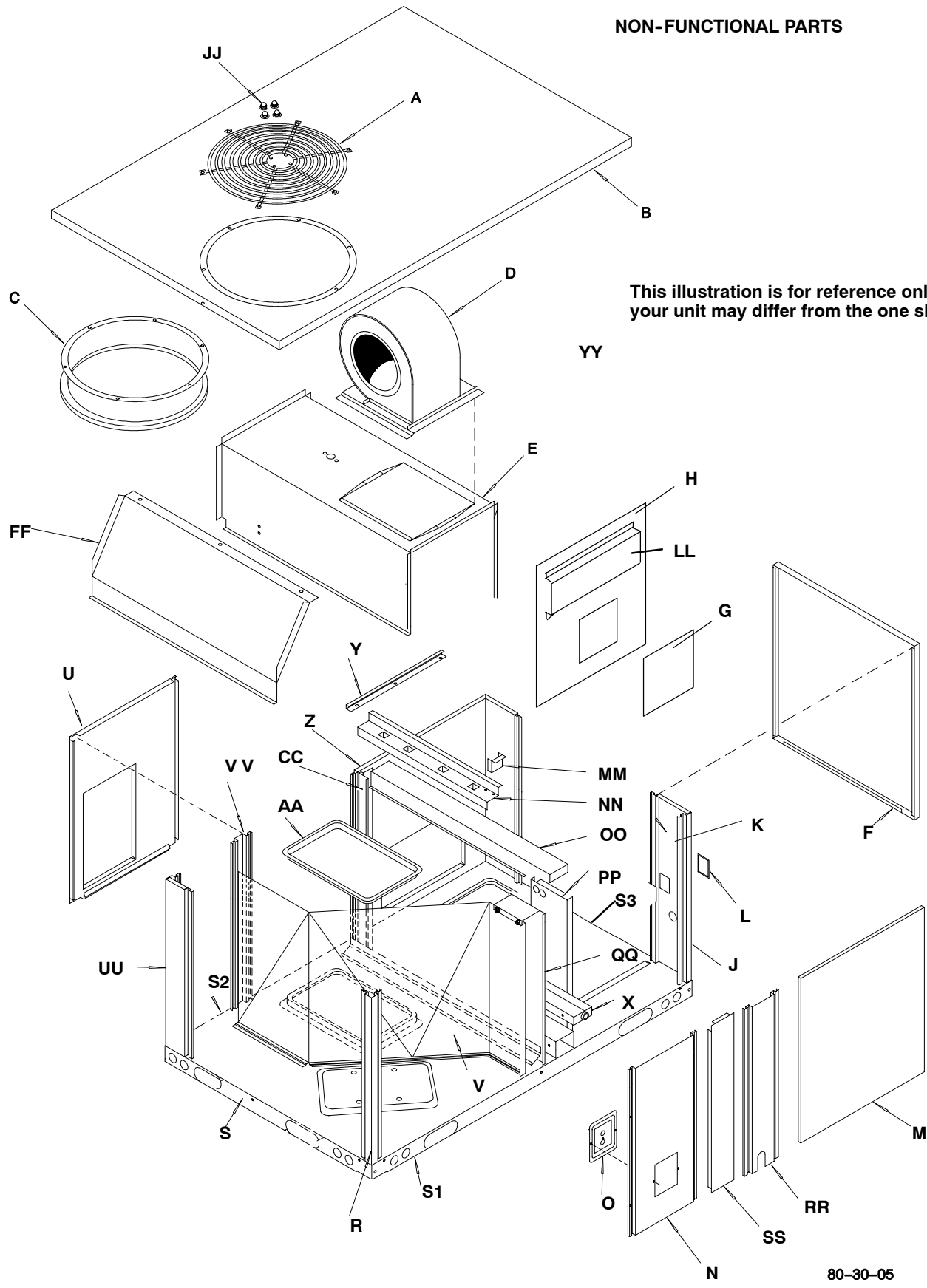
FUNCTIONAL PARTS



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

80-10-77a

NON-FUNCTIONAL PARTS



80-30-05

Style No:		PAB075N2H, PAMB75H		Outdoor Ambient Temperature - Degrees F. Dry Bulb																																																																																																															
Voltage		208-230		75							85							95							105							115																																																																																			
Phase/Cycles		3-60		1st Stage							Entering Indoor Temperature - Degrees F. Wet Bulb																																																																																																								
Ampacity		32.9		IDB																																																																																																															
Wire Ga/Length		NEC		70							75							80							85																																																																																										
Delay Fuse		40		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		-																																																																			
Max. Fuse/HACR		40		S/T		0.88		0.74		0.51		-		-		0.91		0.76		0.52		-		-		0.94		0.78		0.54		-		0.97		0.81		0.56		-		0.98		0.82		0.57		-																																																																			
Compressor		Copeland/Scroll		AMPS		14.6		14.8		15.1		-		-		15.4		15.6		15.9		-		-		16.0		16.3		16.6		-		16.7		16.9		17.3		-		17.3		17.7		18.0		-																																																																			
FLA		#1=10.55 #2=11.12		HI PR		202		217		229		-		-		229		247		261		-		-		261		281		297		-		294		316		334		-		325		350		369		-																																																																			
LRA		77 (ea.)		LO PR		66		70		76		-		-		68		73		79		-		-		72		76		83		-		75		80		87		-		78		83		90		-																																																																			
Cap MFD/V		10.0 / 440		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																																																																			
CC Heater		None		S/T		1.00		0.90		0.68		0.44		1.00		0.92		0.70		0.45		1.00		0.95		0.72		0.46		1.00		0.99		0.75		0.48		1.00		1.00		0.75		0.48																																																																							
Start Kit		N/A		AMPS		14.7		14.9		15.2		15.5		15.5		15.5		15.7		16.0		16.4		16.1		16.1		16.4		16.7		17.1		16.8		17.0		17.4		17.8		17.4		17.7		18.1		18.5																																																																			
				HI PR		204		219		232		242		232		249		263		275		264		284		300		313		297		320		337		352		329		352		373		389																																																																							
				LO PR		66		71		77		82		69		73		80		85		72		77		84		90		76		81		88		94		79		84		91		97																																																																							
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																																																																					
				S/T		1.00		1.00		0.84		0.63		1.00		1.00		0.86		0.64		1.00		1.00		0.89		0.67		1.00		1.00		0.92		0.69		1.00		1.00		0.93		0.70																																																																							
				AMPS		14.8		15.0		15.3		15.6		15.5		15.8		16.1		16.5		16.2		16.2		16.5		16.8		17.2		16.9		17.1		17.5		17.9		17.5		17.8		18.2		18.7																																																																					
				HI PR		206		222		234		244		234		252		266		277		267		287		303		316		300		323		341		356		331		357		377		393																																																																							
				LO PR		67		71		78		83		70		74		81		86		73		78		85		91		77		82		89		95		79		84		92		98																																																																							
				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																																																																							
				S/T		1.00		1.00		1.00		0.82		1.00		1.00		0.84		1.00		1.00		1.00		1.00		0.90		1.00		1.00		0.90		1.00		1.00		1.00		0.90																																																																									
				AMPS		14.9		15.1		15.4		15.7		15.6		15.9		16.2		16.6		16.3		16.5		16.9		17.3		17.0		17.2		17.6		18.1		17.6		17.9		18.3		18.8																																																																							
				HI PR		208		224		236		246		236		254		269		280		269		290		306		319		303		326		344		359		335		360		380		397																																																																							
				LO PR		68		72		79		84		70		75		82		87		74		79		86		91		77		82		90		96		80		85		93		99																																																																							
				2nd Stage							Entering Indoor Temperature - Degrees F. Wet Bulb																																																																																																								
				IDB																																																																																																															
				MBh		68.8		71.3		78.1		-		67.1		69.6		76.2		-		65.5		67.9		74.4		-		62.2		64.5		70.7		-		57.6		59.7		65.4		-																																																																							
				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		-																																																																							
				AMPS		16.9		17.1		17.5		-		17.8		18.1		18.5		-		18.6		18.9		19.3		-		19.4		19.7		20.2		-		20.2		20.6		21.1		-																																																																							
				HI PR		191		205		217		-		217		233		246		-		247		266		280		-		278		299		316		-		307		330		349		-																																																																							
				LO PR		61		65		71		-		63		67		73		-		66		71		77		-		70		74		81		-		72		76		83		-																																																																							
				MBh		69.9		72.0		77.9		83.6		68.3		70.3		76.1		81.7		66.6		68.6		74.2		79.7		63.3		65.1		70.5		75.7		58.6		60.3		65.3		70.1																																																																							
				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																																																																							
				AMPS		17.0		17.2		17.6		18.0		17.9		18.2		18.6		19.1		18.7		19.0		19.5		20.0		19.5		19.9		20.3		20.9		20.4		20.7		21.2		21.8																																																																							
				HI PR		192		207		219		228		219		236		249		259		249		268		283		296		281		302		319		332		310		334		352		367																																																																							
				LO PR		61		65		71		76		64		68		74		79		67		71		78		83		70		75		82		87		73		77		84		90																																																																							
				MBh		71.2		72.7		77.7		83.1		69.5		71.0		75.9		81.1		67.8		69.3		74.0		79.1		64.4		65.8		70.3		75.2		59.6		61.0		65.1		69.6																																																																							
				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		0.98		0.81		0.61		1.00		1.00		0.82		0.61																																																																							
				AMPS		17.1		17.3		17.7		18.1		18.0		18.3		18.7		19.2		18.8		19.2		19.6		20.1		19.7		20.0		20.5		21.0		20.5		20.8		21.4		21.9																																																																							
				HI PR		194		209		221		230		221		238		251		262		252		271		286		299		283		305		322		336		313		337		356		371																																																																							
				LO PR		62		66		72		77		64		69		75		80		68		72		79		84		71		75		82		88		73		78		85		91																																																																							
				MBh		72.4		73.8		77.3		82.5		70.7		72.1		75.5		80.5		69.0		70.3		73.6		78.6		65.5		66.8		69.9		74.6		60.7		61.9		64.8		69.1																																																																							
				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																																																																							
				AMPS		17.2		17.4		17.8		18.2		18.1		18.4		18.8		19.3		18.9		19.3		19.7		20.2		19.8		20.1		20.6		21.2		20.6		21.0		21.5		22.1																																																																							
				HI PR		196		211		223		233		223		240		254		265		254		274		289		301		286		308		325		339		316		340		359		375																																																																							
				LO PR		63		67		73		77		65		69		76		80		68		73		79		85		72		76		83		89		74		79		86		92																																																																							
				External Static Pressure in Inches Water Column																																																																																																															
				0.20							0.40							0.60							0.80							1.00							RPM = Blower Wheel RPM's																																																																												
				Turns Open							CFM							W							RPM							CFM							W							RPM							CFM							W							RPM							Watts																																									
				1							3122							1991							1352							2996							1902							1355							2859							1815							1358							2716							1739							1361							2572							1682							1365						
				2							3031							1801							1307							2898							1721							1310							2456							1639							1313							2607							1557							1315							2453							1477							1317						
				3							2881							1624							1259							2733							1539							1262							2580							1443							1265							2422							1349							1267							2261							1271							1269						
				4							2727							1417							1211							2581							1340							1213							2427							1261							1215							2259							1182							1217							2072							1102							1220						
				5							2601							1261							1160							2444							1187							1162							2277							1116							1164							2097							1143							1166							1898							966							1168						
				6							2477							1135							1109							2317							1068							1111							2145							1000							1113							1946							929							1115							1702							850							1118						
				1098983																																																																																																															
				Factory Setting 2 Turns Open																																																																																																															
				2 HP Sdt Pulley																																																																																																															
				See I/O Manual for 208 Airflow																																																																																																															

RPM = Blower Wheel RPM's
W=Watts
Factory Setting 2 Turns Open
2 HP Sdt Pulley
See I/O Manual for 208 Airflow

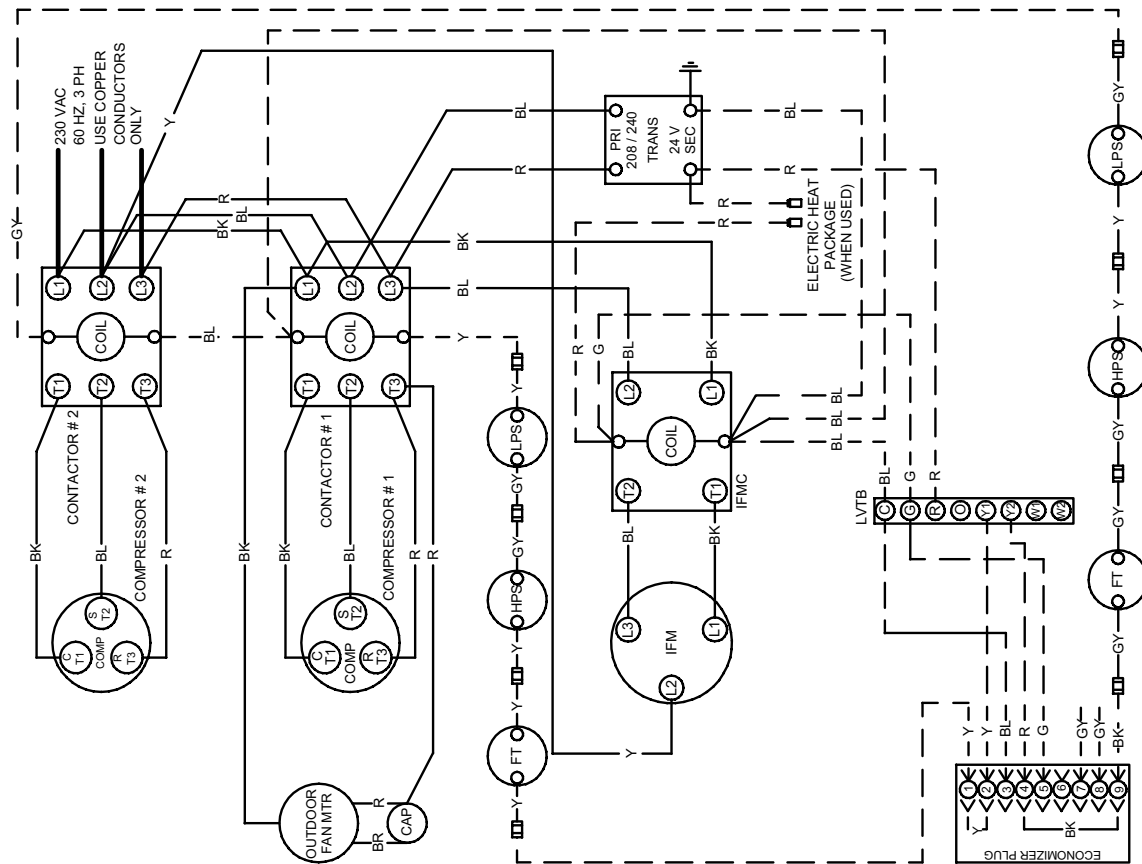
1098983

Style No:	PAB075N2L, PAMB75F			Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
Voltage	460			75				85				95				105				115							
Phase/Cycles	3-60			59				59				59				59				59							
Ampacity	16.5			63				63				63				63				63							
Wire Ga./Length	NEC			67				67				67				67				67							
Delay Fuse	20			71				71				71				71				71							
Max. Fuse/HACR	20			75				75				75				75				75							
Compressor	Copeland/Scroll			70				70				70				70				70							
FLA	#1=5.27 #2=5.56			70				70				70				70				70							
LRA	39			70				70				70				70				70							
Cap MFD/V	10.0 / 440			70				70				70				70				70							
CC Heater	None			70				70				70				70				70							
Start Kit	N/A			70				70				70				70				70							
Cond & Evap	Cond		Evap	70				70				70				70				70							
Type	22 In.		11 x 11 In	70				70				70				70				70							
Size	0.75		2	70				70				70				70				70							
Motor-HP	PSC		3 Ph	70				70				70				70				70							
Type	1.4		3	70				70				70				70				70							
FLA	5.04		48.5	70				70				70				70				70							
LRA	1140		1725	70				70				70				70				70							
RPM	10/440		N/A	70				70				70				70				70							
Cap MFD/V	N/A			70				70				70				70				70							
PTCR	420 / 300			70				70				70				70				70							
Hi Press	20 / 5			70				70				70				70				70							
Low Press	30 / 50			70				70				70				70				70							
Low Amb (2Ea)				70				70				70				70				70							
Operating Chg	(R-22Oz)			70				70				70				70				70							
Each Circuit	See Rating Plate			70				70				70				70				70							
Service Driers	Each Circuit			70				70				70				70				70							
Liquid/Chg	16 Cu In / 11 oz			70				70				70				70				70							
Suction	30 Sq In			70				70				70				70				70							
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				70				70																			

Style No:	PAB075N2S, PAMB75N		Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
Voltage	575	1 st Stage IDB	75				85				95				105				115							
Phase/Cycles	3-60		Entering Indoor Temperature - Degrees F. Wet Bulb																							
Ampacity	13.6	70	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
Wire Ga./Length	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	-	26.5	27.4	30.1	-			
Delay Fuse	15	75	S/T	0.88	0.74	0.51	-	0.91	0.76	0.52	-	0.94	0.78	0.54	-	0.97	0.81	0.56	-	0.98	0.82	0.57	-			
Max. Fuse/HACR	15		AMPS	14.8	15.0	15.3	-	15.4	15.6	15.9	-	16.0	16.3	16.6	-	16.7	16.9	17.3	-	17.3	17.6	18.0	-			
Compressor	Copeland/Scroll	80	HI PR	202	217	229	-	229	247	261	-	261	281	297	-	294	316	334	-	325	350	369	-			
FLA	#1=4.35 #2=4.58		LO PR	66	70	76	-	68	73	79	-	72	76	83	-	75	80	87	-	78	83	90	-			
LRA	31 (ea.)	85	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			
Cap MFD/V	10.0 / 440		S/T	1.00	0.90	0.68	0.44	1.00	0.92	0.70	0.45	1.00	0.95	0.72	0.46	1.00	0.99	0.75	0.48	1.00	1.00	0.75	0.48			
CC Heater	None	85	AMPS	14.7	14.9	15.2	15.5	15.5	15.7	16.0	16.4	16.1	16.4	16.7	17.1	16.8	17.0	17.4	17.8	17.4	17.7	18.1	18.5			
Start Kit	N/A		HI PR	204	219	232	242	232	249	263	275	264	284	300	313	297	320	337	352	328	353	373	389			
Cond & Evap	Cond	Evap	LO PR	66	71	77	82	69	73	80	85	72	77	84	90	76	81	88	94	79	84	91	97			
Type	22 In.	11 x 11 In	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			
Size	0.75	2	S/T	1.00	1.00	0.84	0.63	1.00	1.00	0.86	0.64	1.00	1.00	0.89	0.67	1.00	1.00	0.92	0.69	1.00	1.00	0.93	0.70			
Motor-HP	PSC	3 Ph	AMPS	14.8	15.0	15.3	15.6	15.5	15.8	16.1	16.5	16.2	16.5	16.8	17.2	16.9	17.1	17.5	17.9	17.5	17.8	18.2	18.7			
Type	1.2	2.4	HI PR	206	222	234	244	234	252	266	277	267	287	303	316	300	323	341	356	331	357	377	393			
FLA	3.9	16.3	LO PR	67	71	78	83	70	74	81	86	73	78	85	91	77	82	89	95	79	84	92	98			
LRA	1140	1725	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			
RPM	10/440	N/A	S/T	1.00	1.00	1.00	0.82	1.00	1.00	1.00	0.84	1.00	1.00	1.00	0.86	1.00	1.00	1.00	0.90	1.00	1.00	1.00	0.90			
Cap MFD/V			AMPS	14.9	15.1	15.4	15.7	15.6	15.9	16.2	16.6	16.3	16.5	16.9	17.3	17.0	17.2	17.6	18.1	17.6	17.9	18.3	18.8			
PTCR	N/A		HI PR	208	224	236	246	236	254	269	280	269	290	306	319	303	326	344	359	335	360	380	397			
Hi Press	420 / 300		LO PR	68	72	79	84	70	75	82	87	74	79	86	91	77	82	90	96	80	85	93	99			
Low Press	20 / 5		Entering Indoor Temperature - Degrees F. Wet Bulb																							
Low Amb (2Ea)	30 / 50	2 nd Stage IDB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
Operating Chg	(R-220z)	70	MBh	68.8	71.3	78.1	-	67.1	69.6	76.2	-	65.5	67.9	74.4	-	62.2	64.5	70.7	-	57.6	59.7	65.4	-			
Each Circuit	See Rating Plate		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	-			
Service Driers	Each Circuit	75	AMPS	16.9	17.1	17.5	-	17.8	18.1	18.5	-	18.6	18.9	19.3	-	19.4	19.7	20.2	-	20.2	20.6	21.1	-			
Liquid/Chg	16 Cu In / 11 oz		HI PR	191	205	217	-	217	233	246	-	247	266	280	-	278	299	316	-	307	330	349	-			
Suction	30 Sq In	LO PR	61	65	71	-	63	67	73	-	66	71	77	-	70	74	81	-	72	76	83	-				
			MBh	69.9	72.0	77.9	83.6	68.3	70.3	76.1	81.7	66.6	68.6	74.2	79.7	63.3	65.1	70.5	75.7	58.6	60.3	65.3	70.1			
			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			
			AMPS	17.0	17.2	17.6	18.0	17.9	18.2	18.6	19.1	18.7	19.0	19.5	20.0	19.5	19.9	20.3	20.9	20.4	20.7	21.2	21.8			
			LO PR	192	207	219	228	219	236	249	259	249	268	283	296	281	302	319	332	310	334	352	367			
			HI PR	61	65	71	76	64	68	74	79	67	71	78	83	70	75	82	87	73	77	84	90			
			LO PR	62	66	72	77	64	69	75	80	68	72	79	84	71	75	82	88	73	78	85	91			
			MBh	71.2	72.7	77.7	83.1	69.5	71.0	75.9	81.1	67.8	69.3	74.0	79.1	64.4	65.8	70.3	75.2	59.6	61.0	65.1	69.6			
			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			
			AMPS	17.1	17.3	17.7	18.1	18.0	18.3	18.7	19.2	18.8	19.2	19.6	20.1	19.7	20.0	20.5	21.0	20.5	20.8	21.4	21.9			
			LO PR	194	209	221	230	221	238	251	262	252	271	286	299	283	305	322	336	313	337	356	371			
			HI PR	62	66	72	77	64	69	75	80	68	72	79	84	71	75	82	88	73	78	85	91			
			LO PR	62	66	72	77	64	69	75	80	68	72	79	84	71	75	82	88	73	78	85	91			
			MBh	72.4	73.8	77.3	82.5	70.7	72.1	75.5	80.5	69.0	70.3	73.6	78.6	65.5	66.8	69.9	74.6	60.7	61.9	64.8	69.1			
			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			
			AMPS	17.2	17.4	17.8	18.2	18.1	18.4	18.8	19.3	19.0	19.3	19.7	20.2	19.8	20.1	20.6	21.2	20.6	21.0	21.5	22.1			
			HI PR	196	211	223	233	223	240	254	265	254	274	289	301	286	308	325	339	316	340	359	375			
			LO PR	63	67	73	77	65	69	76	80	68	73	79	85	72	76	83	89	74	79	86	92			
			External Static Pressure in Inches Water Column																							
			0.20				0.40				0.60				0.80				1.00				RPM = Blower Wheel RPM's W=Watts Factory Setting 2 Turns Open 2 HP Sdt Pulley See I/O Manual for 208 Airflow			
			CFM	W	RPM		CFM	W	RPM		CFM	W	RPM		CFM	W	RPM		CFM	W	RPM					
			1	3122	1991	1352	2996	1902	1355	2859	1815	1358	2716	1739	1361	2572	1682	1365								
			2	3031	1801	1307	2898	1721	1310	2456	1639	1313	2607	1557	1315	2453	1477	1317								
			3	2881	1624	1259	2733	1539	1262	2580	1443	1265	2422	1349	1267	2261	1271	1269								
			4	2727	1417	1211	2581	1340	1213	2427	1261	1215	2259	1182	1217	2072	1102	1220								
			5	2601	1261	1160	2444	1187	1162	2277	1116	1164	2097	1143	1166	1898	966	1168								
			6	2477	1135	1109	2317	1068	1111	2145	1000	1113	1946	929	1115	1702	850	1118								
			10989985																							

CONNECTION WIRING DIAGRAM

DANGER: ELECTRICAL SHOCK HAZARD DISCONNECT POWER BEFORE SERVICING



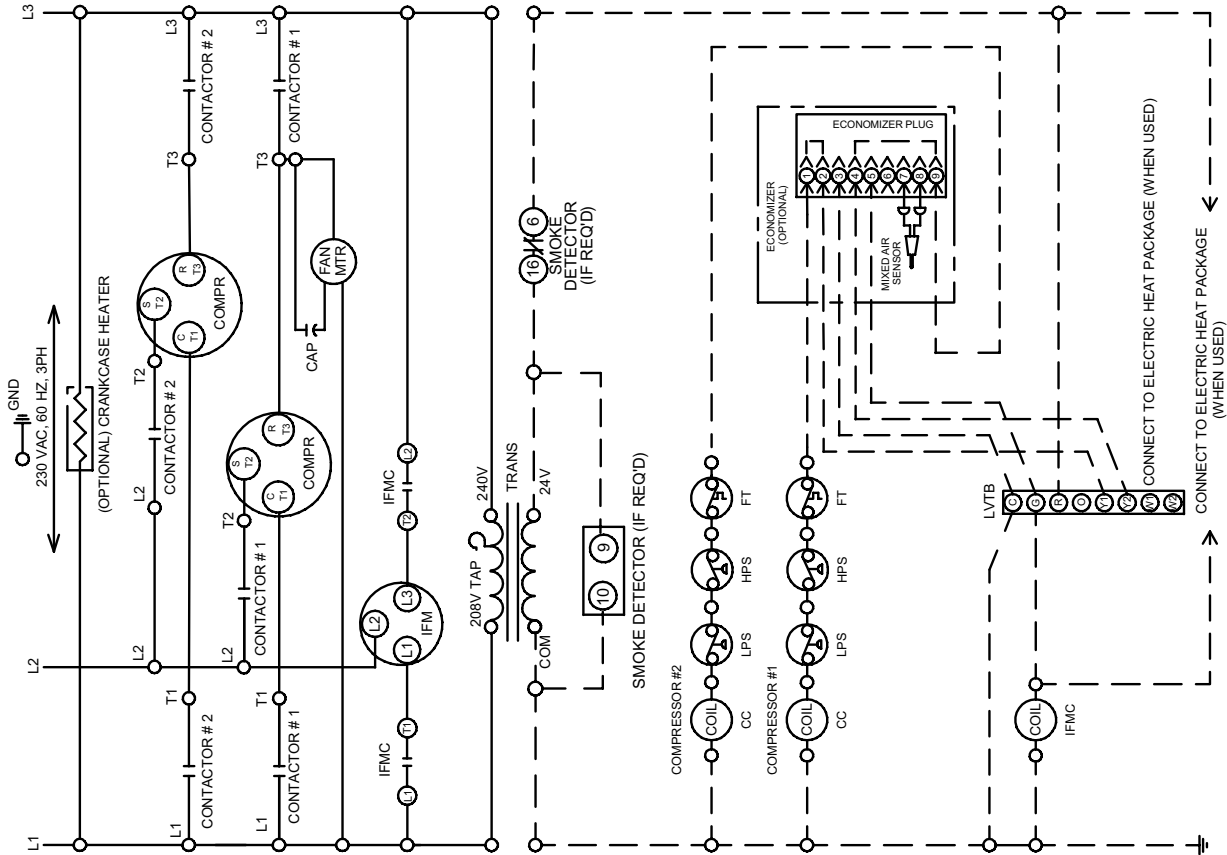
IF ANY OF THE ORIGINAL WIRE AS SUPPLIED WITH THE APPLIANCE MUST BE REPLACED, IT MUST BE REPLACED WITH TYPE AWM-105°C OR ITS EQUIVALENT.

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

LINE VOLTAGE FACTORY	COLOR CODE:	BLACK	BLUE	BROWN	GRAY	GREEN	ORANGE	RED	VIOLET	WHITE	YELLOW
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LADDER WIRING DIAGRAM

DANGER: ELECTRICAL SHOCK HAZARD DISCONNECT POWER BEFORE SERVICING

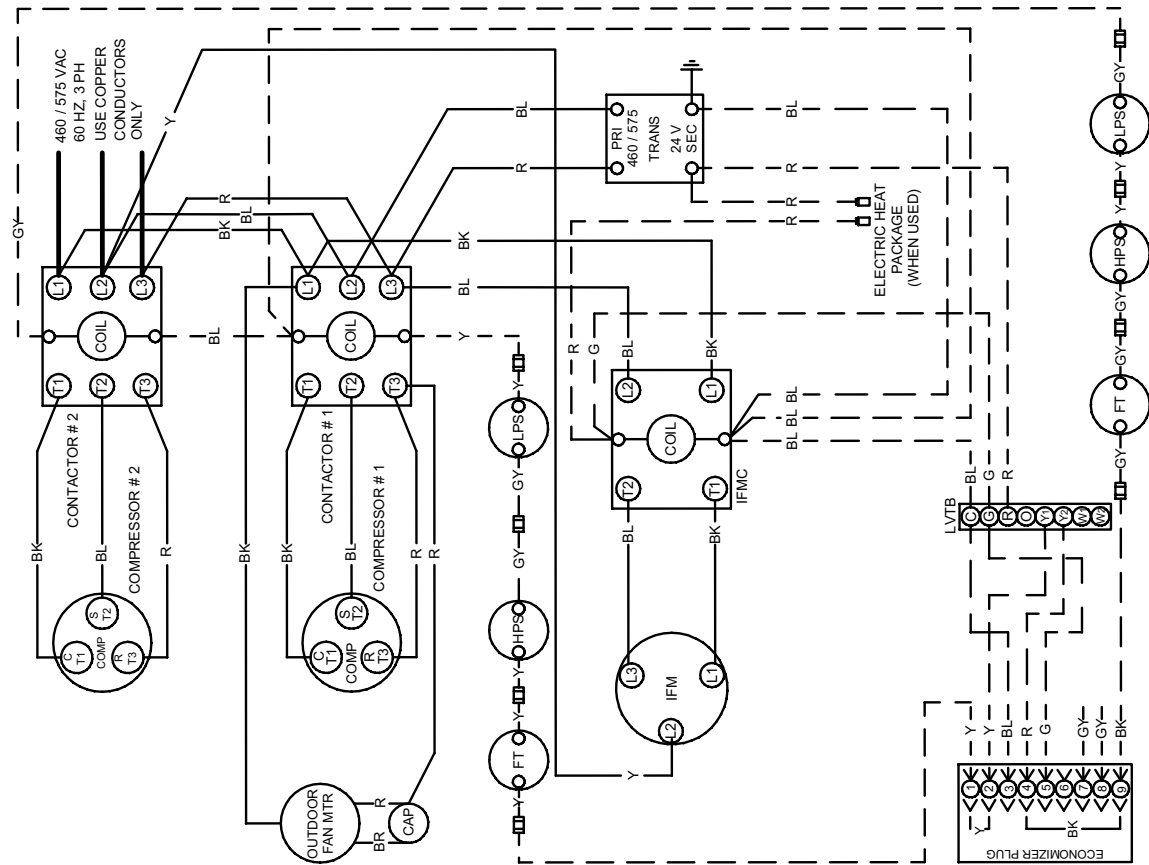


TRANSFORMER	COMPRESSOR	CAPACITOR	CONTACTOR	JUMPER WIRE	FAN CONTACTOR COIL	GROUND	DEFROST SENSOR	DEFROST CONTROL	ECONOMIZER RELAY	HIGH PRESSURE SWITCH	TIME DELAY RELAY
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Wiring Diagram for 460/575 Volt Units

CONNECTION WIRING DIAGRAM

DANGER: ELECTRICAL SHOCK HAZARD DISCONNECT POWER BEFORE SERVICING



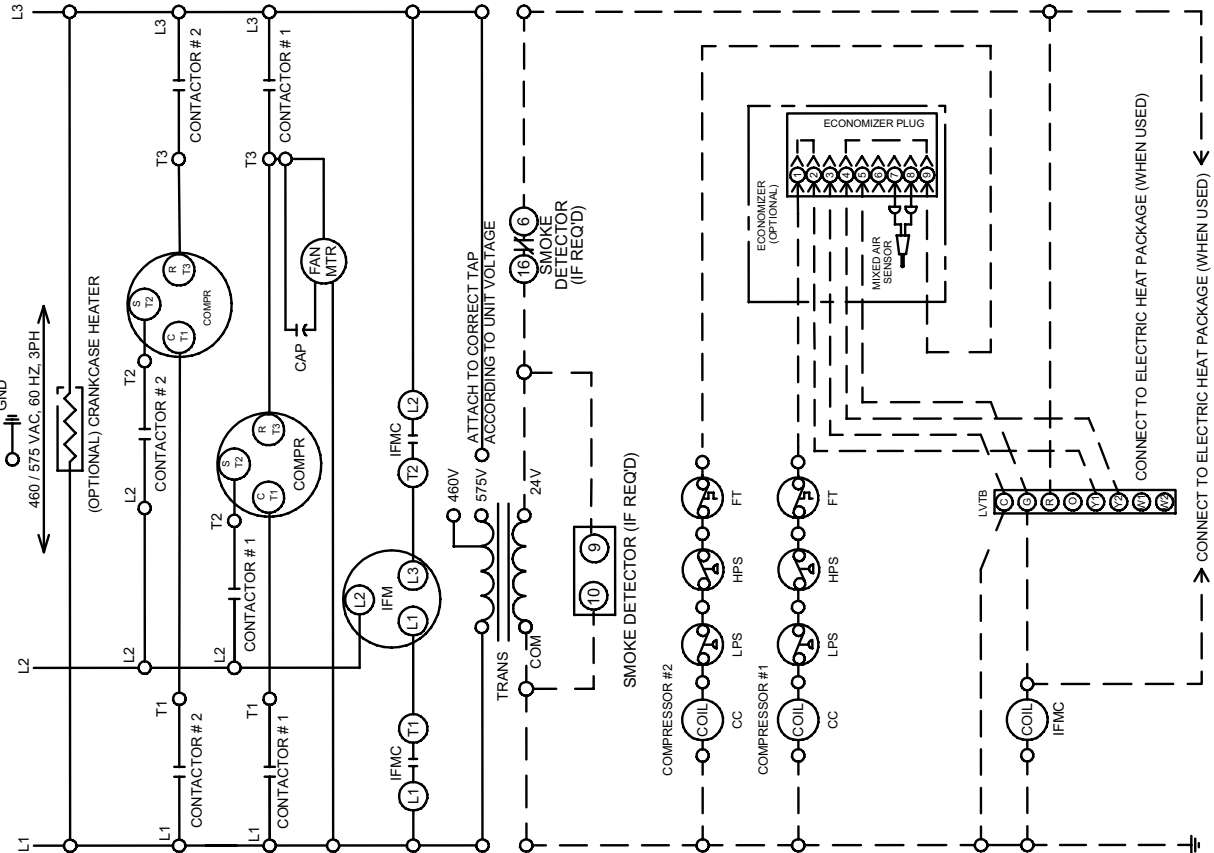
IF ANY OF THE ORIGINAL WIRE AS SUPPLIED WITH THE APPLIANCE MUST BE REPLACED, IT MUST BE REPLACED WITH TYPE AWM-M-105°C OR ITS EQUIVALENT.

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

COLOR CODE:		COLOR CODE:		COLOR CODE:	
LINE VOLTAGE FACTORY	BLACK	GREEN	GRAY	WHITE	WHITE
LINE VOLTAGE FIELD	BLUE	ORANGE	BL	YELLOW	YELLOW
LOW VOLTAGE FACTORY	BROWN	RED	BR		
LOW VOLTAGE FIELD	GRAY	VIOLET	GY		

LADDER WIRING DIAGRAM

DANGER: ELECTRICAL SHOCK HAZARD DISCONNECT POWER BEFORE SERVICING



LEGEND		LEGEND		LEGEND	
TRANS.....TRANSFORMER	GND.....GROUND	LVTB.....LOW VOLT TERM BOARD	IFMC.....INDOOR FAN MOTOR CONTROL	IFM.....INDOOR FAN MOTOR	IFM.....INDOOR FAN MOTOR
COMPR.....COMPRESSOR	DFS.....DEFROST SENSOR	IFM.....INDOOR FAN MOTOR	IFM.....INDOOR FAN MOTOR	IFM.....INDOOR FAN MOTOR	IFM.....INDOOR FAN MOTOR
CAP.....CAPACITOR	DFC.....DEFROST CONTROL	IFM.....INDOOR FAN MOTOR	IFM.....INDOOR FAN MOTOR	IFM.....INDOOR FAN MOTOR	IFM.....INDOOR FAN MOTOR
FT.....FREEZE THERMOSTAT	ER.....ECONOMIZER RELAY	IFM.....INDOOR FAN MOTOR	IFM.....INDOOR FAN MOTOR	IFM.....INDOOR FAN MOTOR	IFM.....INDOOR FAN MOTOR
CON.....CONTACTOR	HPS.....HIGH PRESSURE SWITCH	IFM.....INDOOR FAN MOTOR	IFM.....INDOOR FAN MOTOR	IFM.....INDOOR FAN MOTOR	IFM.....INDOOR FAN MOTOR
JPR.....JUMPER WIRE	TDR.....TIME DELAY RELAY	IFM.....INDOOR FAN MOTOR	IFM.....INDOOR FAN MOTOR	IFM.....INDOOR FAN MOTOR	IFM.....INDOOR FAN MOTOR
FCC.....FAN CONTACTOR COIL		IFM.....INDOOR FAN MOTOR	IFM.....INDOOR FAN MOTOR	IFM.....INDOOR FAN MOTOR	IFM.....INDOOR FAN MOTOR

NOTES: