Parts List, Tech Labels, Wiring Diagrams
PHB & PYMD Series Models, 3 to 5 Ton – 3 Phase

MODELS: PHB036N1HC, PHB036N1LC, PHB048N1HC, PHB048N1LC, PHB060N1HC, PHB060N1LC
PYMD036HB, PYMD036FC, PYMD048HC, PYMD048FC, PYMD060HC, PYMD060FC

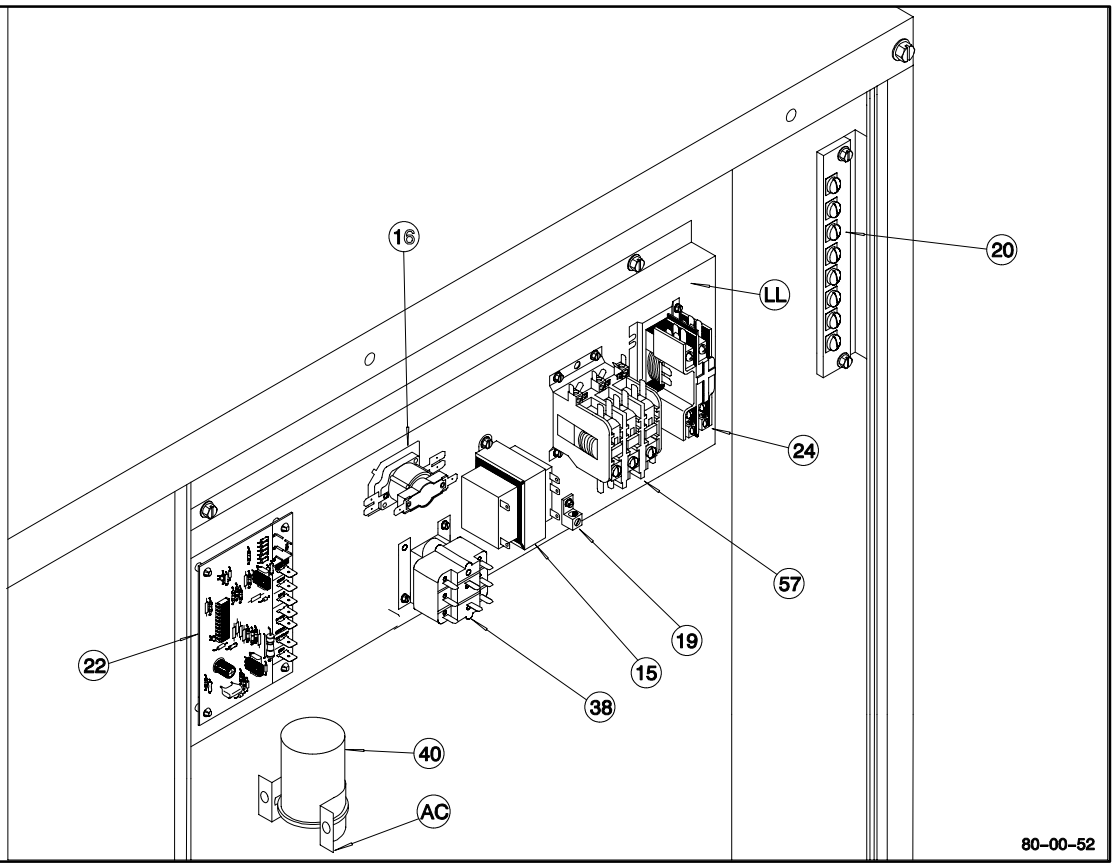
NO.	DESCRIPTION	Part Number	036 H	036 L/F	048 H	048 L/F	060 H	060 L/F
1	Compr., ZR34K3TF5	1084533	1					
1	ZR34K3TFD	1096757	*	1				
1	ZR46K3TF5	1084538	*	*	1			
1	ZR46K3TFD	1066506	*	*	*	1		
1	ZR57K3TF5	1084539	*	*	*	*	1	
1	ZR57K3TFD	1066518	*	*	*	*	*	1
2	Motor, Condenser Fan	1098505	1	*	1			
2		1098506	*	1	*	1		
2		1098501	*	*	*	*	1	
2		1098502	*	*	*	*	*	1
3	Fan, Condenser	1080795	1	1	1	1		
3		1080792	*	*	*	*	1	1
5	Coil, Condenser	1066998	1	1				
5		1067423	*	*	1	1		
5		1067421	*	*	*	*	1	1
6	Capacitor, 7.5 Mfd., 370 Volt	1094239	1	1	1	1		
6	10 Mfd., 440 Volt	1094965	*	*	*	*	1	1
7	Mount Kit, Blower Motor	1004905	1	1				
7		1002804	*	*	1	1	1	1
8	Motor, Blower	1054583	1					
8		1113191	*	1				
8		1065129	*	*	1	*	1	
8		1113219	*	*	*	1	*	1
9	Wheel, Blower 10-8 DD	600587	1	1				
9	11-11 DD	1054593	*	*	1	1	1	1
11	Coil, Evaporator	1067463	1	1				
11		1067471	*	*	1	1		
11		1067473	*	*	*	*	1	1
15	Transformer, 208-240V Pri, 24V Sec. 65VA	1054637	1	*	1	*	1	*
15	460V Pri, 24V Sec. 65VA	1054638	*	1	*	1	*	1
16	Sequencer, Blower	1054372	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
22	Control, Defrost	1087562	1	1	1	1	1	1
24	Contactor, 30 Amp., 3 Pole	607339	1	1	1	1	1	1
25	Valve, Reversing	1095320	1	1				
25		34329030	*	*	1	1	1	1
26	Coil, Rev. Valve 24V	34329055	1	1	1	1	1	1
27	Grommet, Compr.	1052060	4	4	4	4	4	4
28	Switch, Low Pressure	1085492	1	1	1	1	1	1
30	Strainer	1066804	1	1	1	1	1	1

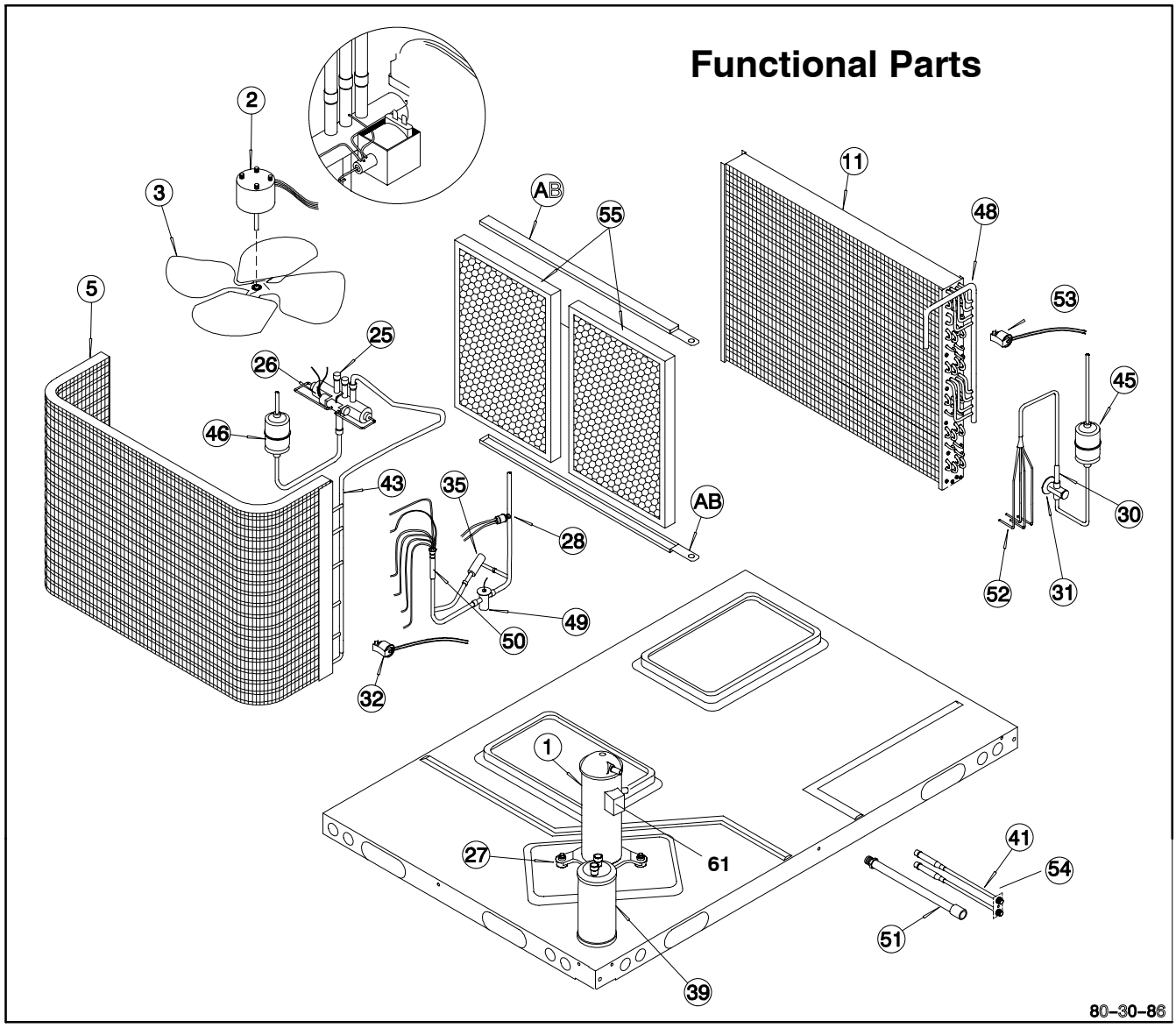
NO.	DESCRIPTION	Part Number	036 H	036 L/F	048 H	048 L/F	060 H	060 L/F
31	Valve, Expansion	1066650	1	1				
31		1066490	*	*	1	1		
31		1066819	*	*	*	*	1	1
32	Sensor, Defrost	1066934	1	1	1	1	1	1
34	Distributor Asy	1066842	1	1	1	1		
34		1066955	*	*	*	*	1	1
35	Valve, Check	1066803	1	1	1	1	1	1
38	Relay	92840	1	1	1	1	1	1
39	Accumulator	1053692	1	1				
39		1053432	*	*	1	1	1	1
40	Capacitor, 7.5 Mfd., 370 Volt	1094239	1	1	1	1		
40	10 Mfd., 440 Volt	1094965	*	*	*	*	1	1
41	Port Valve Assembly	1098695	1	1	1	1	1	1
43	Manifold, Condenser	1066596	1	1	1	1		
43		1066986	*	*	*	*	1	1
45	Drier, Filter	1083858	1	1	1	1	1	1
46	Muffler	1059730	1	1	1	1	1	1
48	Manifold, Evaporator	1067451	1	1				
48		1066077	*	*	1	1		
48		1067464	*	*	*	*	1	1
49	Valve, Expansion	1066522	1	1				
49		1066484	*	*	1	1		
49		1067420	*	*	*	*	1	1
50	Strainer	1066804	1	1	1	1	1	1
52	Tube Asy, Feeder	1067456	1	1				
52		1067470	*	*	1	1		
52		1066967	*	*	*	*	1	1
53	Switch, Temperature	1098701	1	1	1	1	1	1
54	Switch, High Pressure	1096251	1	1	1	1	1	1
55	Filter, Air 20x30x2"	1054503	2	2	2	2	2	2
57	Contactor, 25 Amp., 1 Pole	1050699	*	*	*	1		1
61	Plug, Compr. Harness	1083935	1	1	1	1	1	1

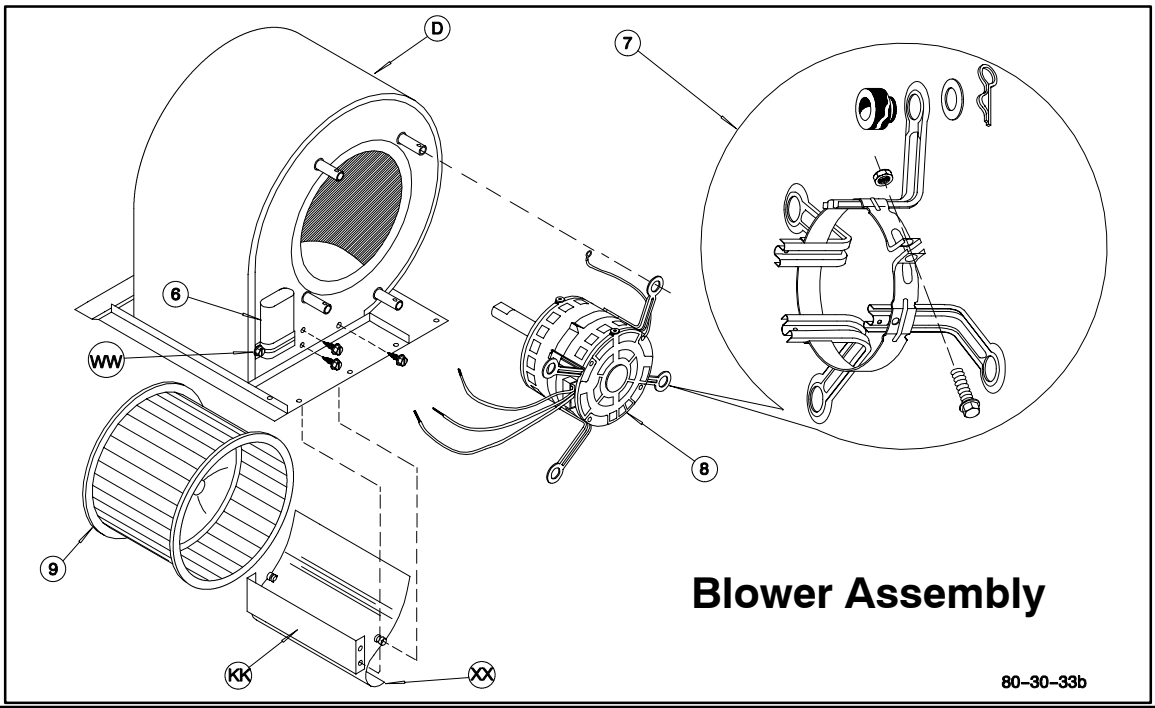
NO.	DESCRIPTION	Part Number	036 H	036 L/F	048 H	048 L/F	060 H	060 L/F
A	Grille, Outlet	1072842	1	1	1	1	1	1
AA	Cover, Duct	1068158	2	2	2	2	2	2
AB	Retainer, Filter	1054517	2	2	2	2	2	2
AC	Clamp, Capacitor	1095020	1	1	1	1	1	1
B	Panel, Top	1068157	1	1	1	1	1	1
C	Orifice, Condenser Fan	1065725	1	1	1	1	1	1
CC	Bracket, Supply Air	1054525	1	1	1	1	1	1
D	Housing, Blower	1065300	1	1				
D		1066363	*	*	1	1	1	1
E	Deck, Blower	1065948	1	1	1	1	1	1
F	Panel, Access	1068181	1	1	1	1	1	1
FF	Baffle, Air	1054522	1	1	1	1	1	1
G	Plate, Block Off	1066107	1	1	1	1	1	1
H	Panel, Division	1065943	1	1	1	1	1	1
J	Post, Electrical Corner	1068193	1	1	1	1	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	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	1068186	1	1	1	1	1	1
MM	Bracket, Filter Top	1065618	1	1	1	1	1	1
N	Panel, Pressure Port	1068164	1	1	1	1	1	1
NN	Support, Filter Top	1054502	1	1	1	1	1	1
O	Plate, Pressure Port	1068189	1	1	1	1	1	1

NO.	DESCRIPTION	Part Number	036 H	036 L/F	048 H	048 L/F	060 H	060 L/F
OO	Panel, Coil Support	1082434	1	1	1	1	1	1
PP	Panel, Heating Area	1054508	1	1	1	1	1	1
QQ	Baffle, Coil	1082435	1	1	1	1	1	1
R	Post, Corner	1068172	1	1	1	1	1	1
RR	Panel, Drain Outlet	1068162	1	1	1	1	1	1
S	Rail, Base	1065001	2	2	2	2	2	2
S1	Rail, Base	1054464	1	1	1	1	1	1
S2	Rail, Base	1084078	1	1	1	1	1	1
SS	Panel, Filter Access	1068175	1	1	1	1	1	1
T	Panel, Base	1054463	1	1	1	1	1	1
U	Panel, Return Air	1068160	1	1	1	1	1	1
UU	Post, Return Air	1068168	1	1	1	1	1	1
V	Partition, Return Air	1054471	1	1	1	1	1	1
VV	Post, Center	1068163	1	1	1	1	1	1
WW	Clamp, Capacitor	1095020	1	1				
WW		1095022	*	*	1	1	1	1
X	Pan, Drain	1068366	1	1	1	1	1	1
XX	Panel, Cut Off	95143	1	1				
XX		1065073	*	*	1	1	1	1
Y	Bracket, Evaporator	1082436	1	1	1	1	1	1
YY	Bracket, Blower Support	1065030	*	*	1	1	1	1
Z	Panel, Supply Air	1068161	1	1	1	1	1	1
ZZ	Handle, Filter Door	1068209	1	1	1	1	1	1
)(	Manual, Parts List	516041001	1	1	1	1	1	1
)(	Manual, Installation	516011001	1	1	1	1	1	1

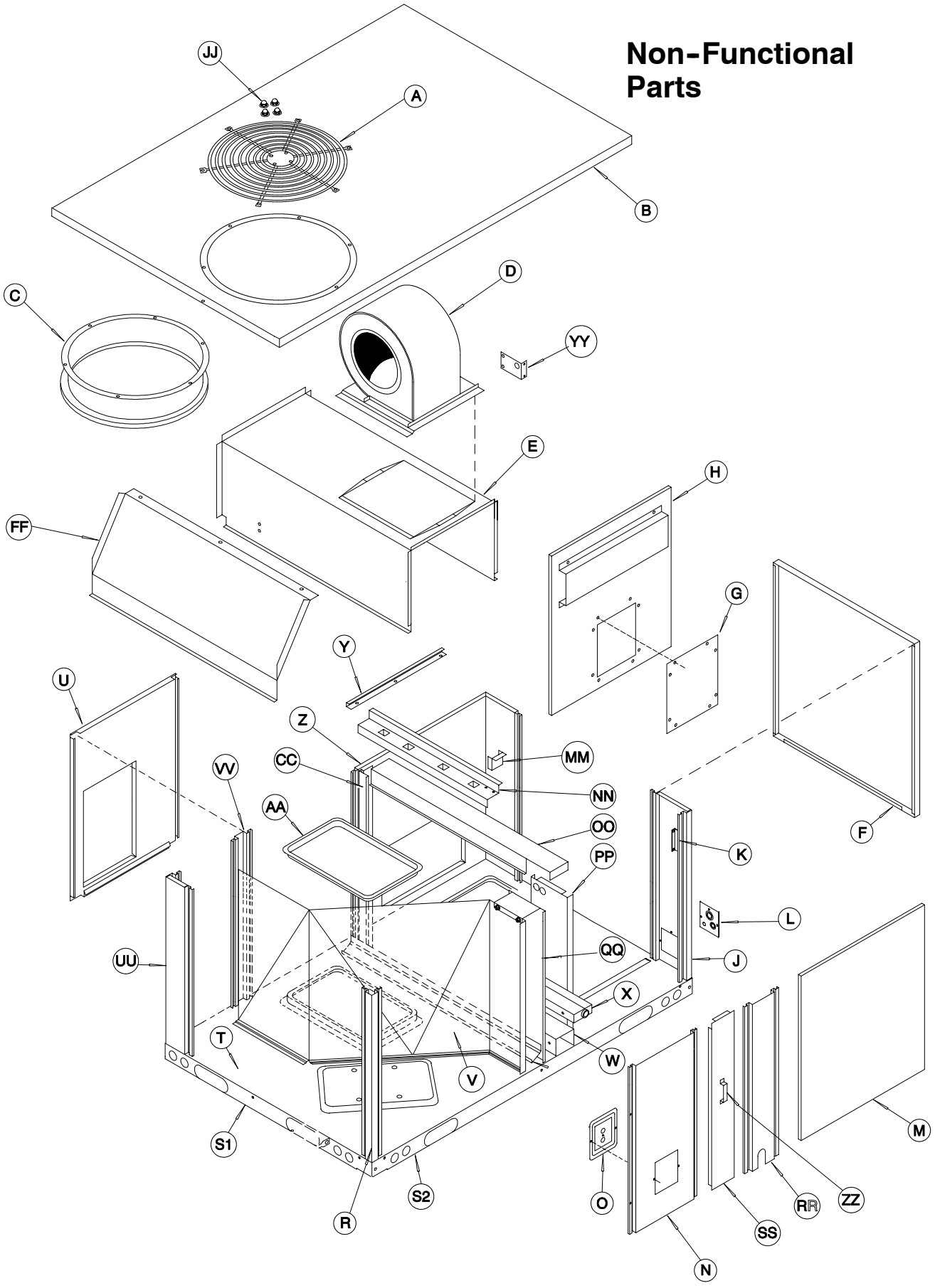
Control Box




Functional Parts
2
3
5
25
26
46
43
35
28
49
50
32
AB
55
AB
11
48
53
45
30
52
31
1
27
61
41
54
51
39
80-30-86


D
7
6
WW
8
9
KK
XX
Blower Assembly
80-30-33b

Non-Functional Parts

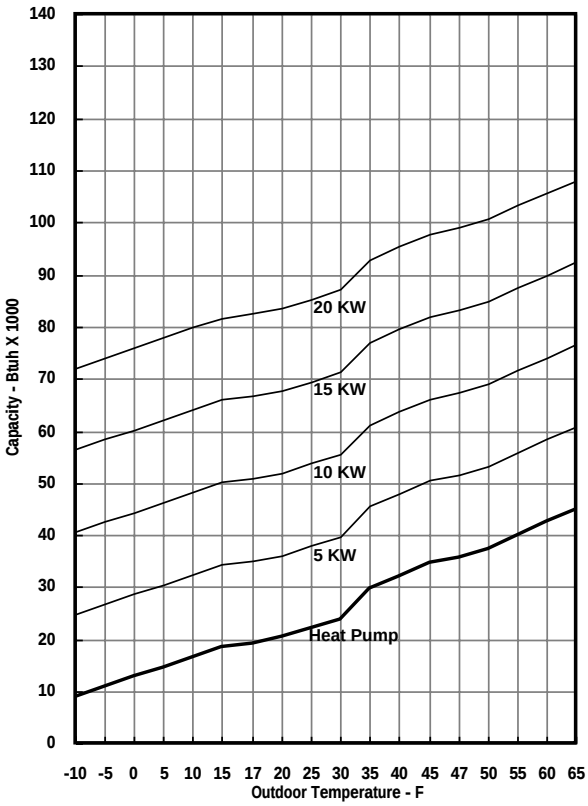


80–30–63b

Balance Chart & Tech Label - 3 Ton Unit - 460 VOLT

Heating Capacity Balance Chart

Balance Chart Performance based on 230V Operation



Style No:	PHB036N1L/PYMD36F				Outdoor Ambient Temperature - Degrees F. Dry Bulb																			
Voltage	460				75				85				95				105				115			
Phase/Cycles	3 -- 60				Entering Indoor Temperature - Degrees F. Wet Bulb																			
Ampacity	8.6		IDB		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	32.7	33.7	36.4	39.1	31.9	32.9	35.6	38.2	31.1	32.1	34.7	37.2	29.6	30.5	33.0	35.4	27.4	28.2	30.5	32.8
Delay Fuse	15			S/T	0.89	0.80	0.60	0.39	0.91	0.82	0.62	0.40	0.94	0.84	0.64	0.41	0.98	0.88	0.66	0.43	0.99	0.88	0.67	0.43
Max. Fuse/HACR	15		75	AMPS	10.4	10.6	10.8	11.1	11.0	11.2	11.4	11.7	11.5	11.7	11.9	12.2	12.0	12.2	12.4	12.8	12.4	12.7	13.0	13.3
Compressor	COPELAND			HI PR	165	177	187	195	187	202	213	222	213	230	243	253	240	258	273	285	265	286	301	314
RLA	5.7			LO PR	67	71	78	83	70	74	81	86	73	78	85	91	77	82	89	95	79	85	92	98
LRA	39			MBh	33.3	34.0	36.3	38.8	32.5	33.2	35.5	37.9	31.7	32.4	34.6	37.0	30.1	30.8	32.9	35.1	27.9	28.5	30.4	32.5
Cap MFD/V	n/a			S/T	0.98	0.92	0.75	0.56	1.00	0.94	0.77	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.83	0.62
CC Heater	N/A		80	AMPS	10.5	10.6	10.9	11.1	11.1	11.2	11.5	11.8	11.6	11.7	12.0	12.3	12.0	12.2	12.5	12.9	12.5	12.7	13.0	13.4
Start Kit	none			HI PR	166	179	189	197	189	204	215	224	216	232	245	256	243	261	276	287	268	288	305	318
Cond & Evap	Cond	Evap		LO PR	68	72	79	84	70	75	82	87	74	79	86	92	78	83	90	96	80	85	93	99
Type	Fan	Blower		MBh	33.9	34.5	36.1	38.6	33.1	33.7	35.3	37.6	32.2	32.9	34.4	36.7	30.6	31.2	32.7	34.9	28.4	28.9	30.3	32.3
Size	22	DD10-8A		S/T	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.98	0.80	1.00	1.00	0.99	0.80
Motor-HP	1/3 PSC	1/2 PSC	85	AMPS	10.5	10.7	10.9	11.2	11.1	11.3	11.5	11.8	11.6	11.8	12.1	12.4	12.1	12.3	12.6	12.9	12.6	12.8	13.1	13.5
Type	PSC	PSC		HI PR	168	181	191	199	191	206	217	227	218	234	247	258	245	264	278	290	271	291	308	321
FLA	0.8	1.39		LO PR	69	73	80	85	71	76	83	88	75	80	87	93	78	83	91	97	81	86	94	100
LRA	2.7	3.75	Heating		Outdoor Ambient Temperature - Degrees F. Dry Bulb																			
RPM	1140	1075	IDB		65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10		
Cap MFD/V	7.5 / 370	7.5 / 370		MBh	45.6	43.0	40.1	37.5	35.8	34.7	31.9	29.3	26.6	23.8	21.0	19.3	18.6	16.7	14.8	12.9	11.0	9.0		
PTCR	N/A			T/R	33.8	31.9	29.7	27.8	26.5	25.7	23.7	21.7	19.7	17.6	15.6	14.3	13.8	12.4	11.0	9.5	8.1	6.7		
Hi Press	410			KW	3.27	3.21	3.16	3.10	3.07	3.04	2.99	2.93	3.01	2.95	2.89	2.86	2.83	2.77	2.71	2.65	2.59	2.53		
Low Press	20		70	AMPS	13.1	12.4	11.8	11.4	11.1	11.0	10.6	10.2	9.9	9.7	9.4	9.3	9.2	8.9	8.6	8.3	8.0	7.6		
Low Amb	N/A			COP	4.08	3.92	3.72	3.54	3.42	3.34	3.13	2.92	2.59	2.36	2.12	1.98	1.92	1.76	1.60	1.42	1.24	1.04		
				EER	13.9	13.4	12.7	12.1	11.7	11.4	10.7	10.0	8.8	8.1	7.3	6.8	6.6	6.0	5.5	4.9	4.2	3.6		
Defrost	Timed			HI PR	238	228	220	210	205	201	193	186	178	170	163	159	156	150	145	139	134	129		
Sensor	31 / 51			LO PR	75	70	66	60	57	55	50	45	40	36	32	29	28	24	21	17	15	12		

Operating Chg Each Circuit	See Rating Plate
Service Driers	
Liquid/Chg	16 Cu In / 11 oz
Suction	30 Sq In
Unit Weight	564

Air Delivery in CFM - Dry Coil (Add .08 static W/Internal Filters - Substract 25 CFM for Wet Coil)

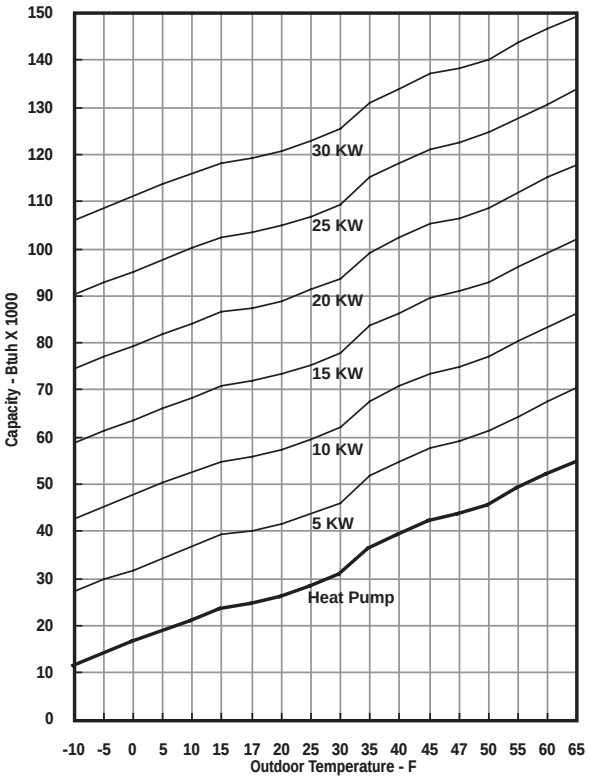
460 Volt	External Static Pressure (Inch Water Column)						
Motor Speed	0.1	0.2	0.3	0.4	0.5	0.6	0.7
HI	1615	1572	1524	1469	1406	1332	1245
MD HI	1509	1473	1433	1387	1333	1266	1186
MD LO	1396	1374	1342	1300	1248	1185	1112
LO	1317	1301	1273	1234	1184	1124	1054

Part No:
1113321

Balance Chart & Tech Label - 4 Ton Unit - 460 VOLT

Heating Capacity Balance Chart

Balance Chart Performance based on 230V Operation



Style No:	PHB048N1L/PYMD48F
Voltage	460
Phase/Cycles	3 -- 60
Ampacity	12.5
Wire Ga/Length	NEC
Delay Fuse	15
Max. Fuse/HACR	15
Compressor	COPELAND
RLA	7.4
LRA	49.5
Cap MFD/V	N / A
CC Heater	N/A
Start Kit	none

Cond & Evap	Cond	Evap
Type	Fan	Blower
Size	22	DD11-11A
Motor-HP	1 / 3 PSC	1 PSC
Type	PSC	PSC
FLA	0.8	2.12
LRA	2.7	4.23
RPM	1140	1000
Cap MFD/V	7.5 / 370	20 / 440

PTCR	N/A
Hi Press	410
Low Press	20
Low Amb	N/A
Defrost	Timed
Sensor	31 / 71
Operating Chg	See Rating Plate
Service Driers	
Liquid/Chg	30 Cu In / 17 oz
Suction	30 Sq In
Unit Weight	624

Outdoor Ambient Temperature - Degrees F. Dry Bulb

IDB		75				85				95				105				115			
		Entering Indoor Temperature - Degrees F. Wet Bulb																			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
75	MBh	44.9	46.2	50.0	53.7	43.8	45.1	48.8	52.4	42.8	44.0	47.6	51.1	40.6	41.8	45.3	48.6	37.6	38.7	41.9	45.0
	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	12.9	13.1	13.4	13.8	13.7	13.9	14.2	14.6	14.3	14.6	14.9	15.3	15.0	15.2	15.6	16.0	15.6	15.9	16.3	16.7
	HI PR	177	190	201	209	201	216	228	238	229	246	260	271	257	277	292	305	284	306	323	337
	LO PR	67	72	78	83	70	75	81	87	74	78	86	91	77	82	90	95	80	85	93	99
80	MBh	45.7	46.7	49.9	53.3	44.6	45.6	48.7	52.0	43.5	44.5	47.5	50.8	41.3	42.2	45.1	48.2	38.3	39.1	41.8	44.7
	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	13.0	13.2	13.5	13.8	13.8	14.0	14.3	14.7	14.4	14.7	15.0	15.4	15.1	15.3	15.7	16.1	15.7	16.0	16.4	16.8
	HI PR	178	192	203	211	203	218	230	240	231	249	263	274	260	280	295	308	287	309	326	340
	LO PR	68	72	79	84	71	75	82	88	74	79	86	92	78	83	91	96	81	86	94	100
85	MBh	46.5	47.4	49.6	52.9	45.4	46.3	48.4	51.7	44.3	45.1	47.3	50.4	42.1	42.9	44.9	47.9	39.0	39.7	41.6	44.4
	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	13.1	13.3	13.6	13.9	13.8	14.1	14.4	14.8	14.5	14.7	15.1	15.5	15.2	15.4	15.8	16.2	15.8	16.1	16.5	17.0
	HI PR	180	194	205	213	205	220	233	243	233	251	265	277	262	282	298	311	290	312	330	344
	LO PR	69	73	80	85	72	76	83	88	75	80	87	93	79	84	91	97	81	87	95	101

Outdoor Ambient Temperature - Degrees F. Dry Bulb

Heating IDB		65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
70	MBh	55.4	52.3	48.8	45.5	43.5	42.2	38.8	35.6	33.6	30.1	26.5	24.4	23.5	21.1	18.7	16.3	13.9	11.4
	T/R	32.1	30.3	28.2	26.4	25.2	24.4	22.5	20.6	19.5	17.4	15.4	14.1	13.6	12.2	10.8	9.4	8.0	6.6
	KW	4.38	4.30	4.22	4.13	4.09	4.05	3.97	3.89	3.94	3.86	3.77	3.72	3.69	3.60	3.51	3.43	3.34	3.26
	AMPS	15.5	14.7	14.0	13.4	13.1	12.9	12.4	12.0	11.7	11.4	11.0	10.9	10.8	10.5	10.1	9.7	9.3	8.8
	COP	3.70	3.56	3.38	3.23	3.12	3.05	2.86	2.68	2.50	2.29	2.06	1.92	1.87	1.71	1.56	1.39	1.22	1.02
	EER	12.6	12.2	11.6	11.0	10.6	10.4	9.8	9.2	8.5	7.8	7.0	6.6	6.4	5.9	5.3	4.8	4.2	3.5
	HI PR	232	223	214	205	200	196	189	181	173	166	159	155	152	147	141	135	130	126
	LO PR	68	63	59	54	51	49	45	40	36	32	28	26	25	22	19	16	14	11

Air Delivery in CFM - Dry Coil (Add .08 static W/Internal Filters - Substract 25 CFM for Wet Coil)

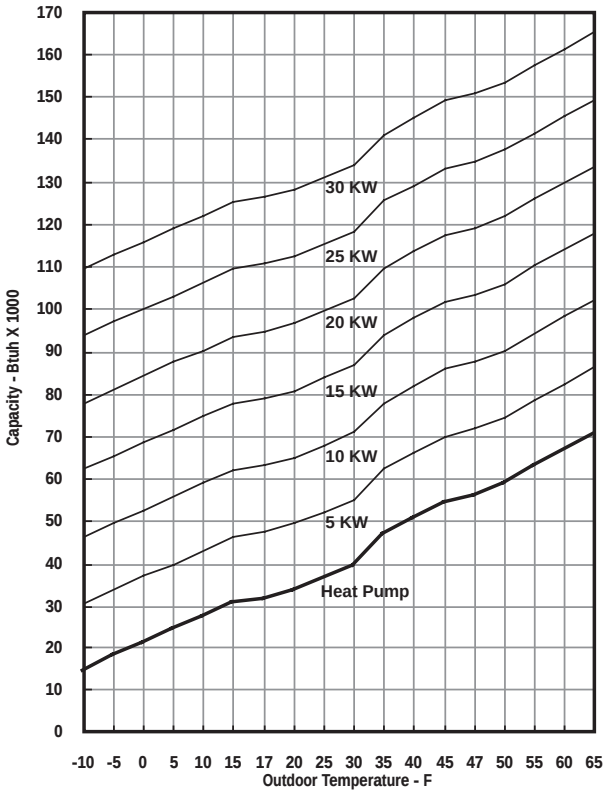
460	External Static Pressure (Inch Water Column)						
Motor Speed	0.1	0.2	0.3	0.4	0.5	0.6	0.7
HI	2277	2222	2165	2103	2037	1967	1891
MD HI	2107	2066	2019	1968	1912	1850	1784
MD LO	1627	1611	1591	1566	1535	1496	1449
LO	1309	1298	1281	1259	1233	1203	1171

Part No: 1113322

Balance Chart & Tech Label - 5 Ton Unit - 460 VOLT

Heating Capacity Balance Chart

Balance Chart Performance based on 230V Operation



Style No:	PHB060N1L/PYMD60F	
Voltage	460	
Phase/Cycles	3 -- 60	
Ampacity	15.1	
Wire Ga/Length	NEC	
Delay Fuse	20	
Max. Fuse/HACR	20	
Compressor	COPELAND	
RLA	10	
LRA	62	
Cap MFD/V	N/A	
CC Heater	N/A	
Start Kit	none	
Cond & Evap	Cond	Evap
Type	Fan	Blower
Size	22	DD11-11A
Motor-HP	3 / 4 PSC	1 PSC
Type	PSC	PSC
FLA	1.4	2.12
LRA	5.04	4.23
RPM	1140	1000
Cap MFD/V	10 / 440	20 / 370
PTCR	N/A	
Hi Press	410	
Low Press	20	
Low Amb	N/A	
Defrost	Timed	
Sensor	31 / 71	
Operating Chg	See Rating Plate	
Service Driers		
Liquid/Chg	30 Cu In / 17 oz	
Suction	30 Sq In	
Unit Weight	624	

Outdoor Ambient Temperature - Degrees F. Dry Bulb

IDB		75				85				95				105				115			
		Entering Indoor Temperature - Degrees F. Wet Bulb																			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
75	MBh	53.9	55.5	60.0	64.4	52.6	54.1	58.6	62.9	51.3	52.8	57.2	61.4	48.7	50.2	54.3	58.3	45.1	46.5	50.3	54.0
	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	16.7	17.0	17.4	17.8	17.7	18.0	18.4	18.9	18.5	18.8	19.3	19.8	19.3	19.7	20.2	20.7	20.2	20.5	21.0	21.6
	HI PR	174	187	198	206	198	213	225	235	226	243	256	267	254	273	288	301	280	302	319	332
	LO PR	65	69	75	80	67	72	78	83	71	75	82	88	74	79	86	92	77	82	89	95
80	MBh	54.8	56.0	59.9	64.0	53.5	54.7	58.4	62.5	52.2	53.4	57.0	60.9	49.6	50.7	54.2	57.9	45.9	46.9	50.2	53.6
	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	16.8	17.1	17.5	17.9	17.8	18.1	18.5	19.0	18.6	19.0	19.4	19.9	19.5	19.8	20.3	20.8	20.3	20.7	21.2	21.8
	HI PR	176	189	200	209	200	215	227	237	228	245	259	270	256	276	291	304	283	305	322	336
	LO PR	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	90	96
85	MBh	55.8	56.9	59.6	63.5	54.5	55.5	58.1	62.0	53.1	54.2	56.7	60.5	50.5	51.4	53.9	57.5	46.7	47.7	49.9	53.2
	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	16.9	17.2	17.6	18.0	17.9	18.2	18.6	19.1	18.8	19.1	19.5	20.1	19.6	19.9	20.4	21.0	20.4	20.8	21.3	21.9
	HI PR	178	191	202	211	202	218	230	240	230	248	262	273	259	279	294	307	286	308	325	339
	LO PR	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	94	78	83	91	97

Heating — Outdoor Ambient Temperature - Degrees F. Dry Bulb

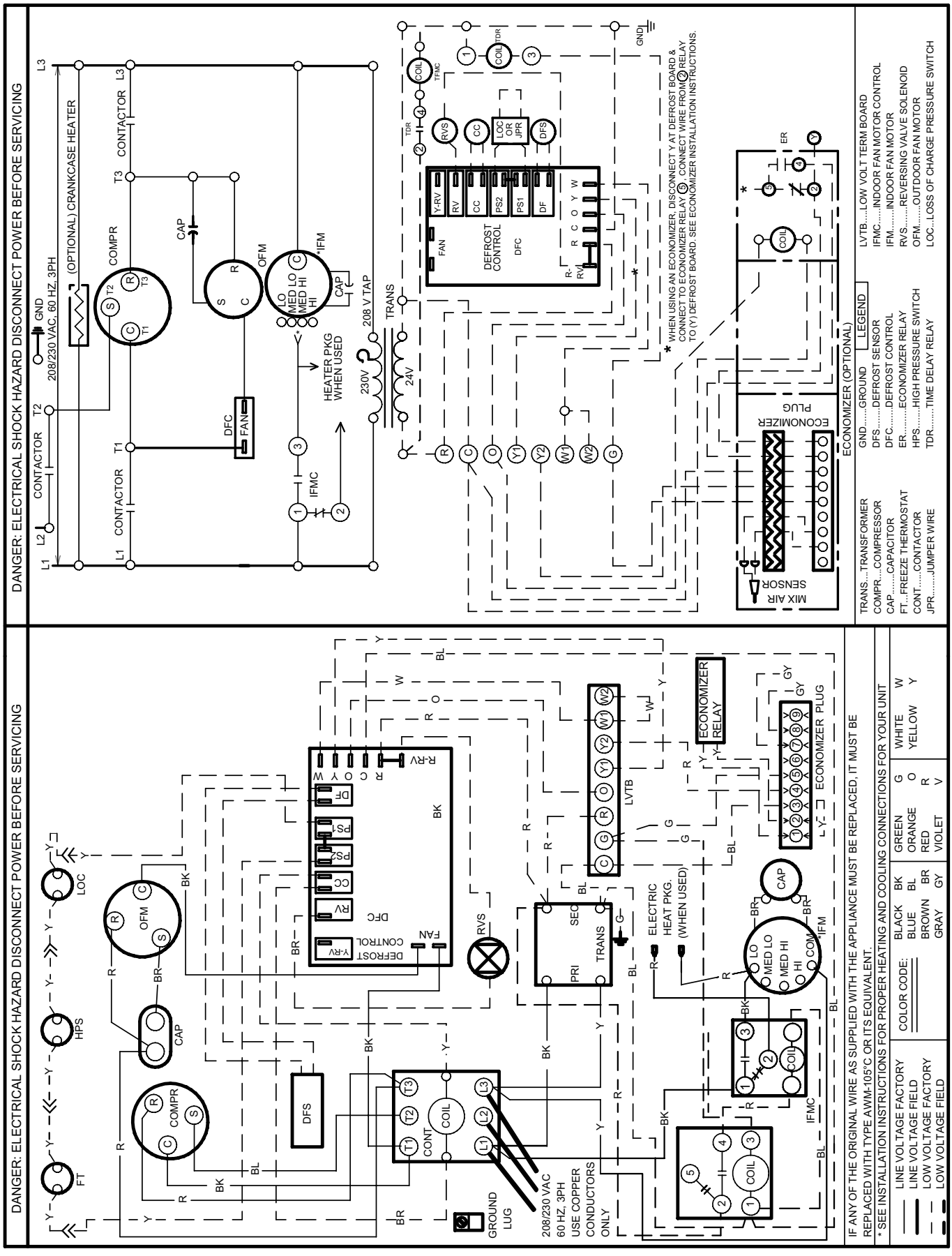
IDB		65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
70	MBh	67.5	63.7	59.4	55.5	53.0	51.4	47.3	43.4	40.0	35.8	31.6	29.0	27.9	25.1	22.2	19.4	16.5	13.5
	T/R	31.3	29.5	27.5	25.7	24.5	23.8	21.9	20.1	18.5	16.6	14.6	13.4	12.9	11.6	10.3	9.0	7.7	6.3
	KW	5.18	5.09	4.99	4.90	4.85	4.81	4.72	4.62	4.72	4.62	4.52	4.47	4.43	4.33	4.23	4.13	4.03	3.94
	AMPS	19.7	18.7	17.8	17.1	16.7	16.5	15.9	15.4	15.0	14.5	14.1	13.9	13.8	13.4	12.9	12.5	12.0	11.3
	COP	3.82	3.67	3.48	3.31	3.20	3.13	2.93	2.75	2.48	2.27	2.04	1.90	1.85	1.69	1.54	1.37	1.20	1.01
	EER	13.0	12.5	11.9	11.3	10.9	10.7	10.0	9.4	8.5	7.7	7.0	6.5	6.3	5.8	5.3	4.7	4.1	3.4
	HI PR	215	206	198	189	185	181	174	167	160	153	147	144	141	136	130	125	121	116
	LO PR	68	63	59	54	51	49	45	40	36	32	28	26	26	22	19	16	14	11

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MD HI	2107	2066	2019	1968	1912	1850	1784
MD LO	1627	1611	1591	1566	1535	1496	1449
LO	1309	1298	1281	1259	1233	1203	1171

Part No: 1113323

208-230 Volt Models

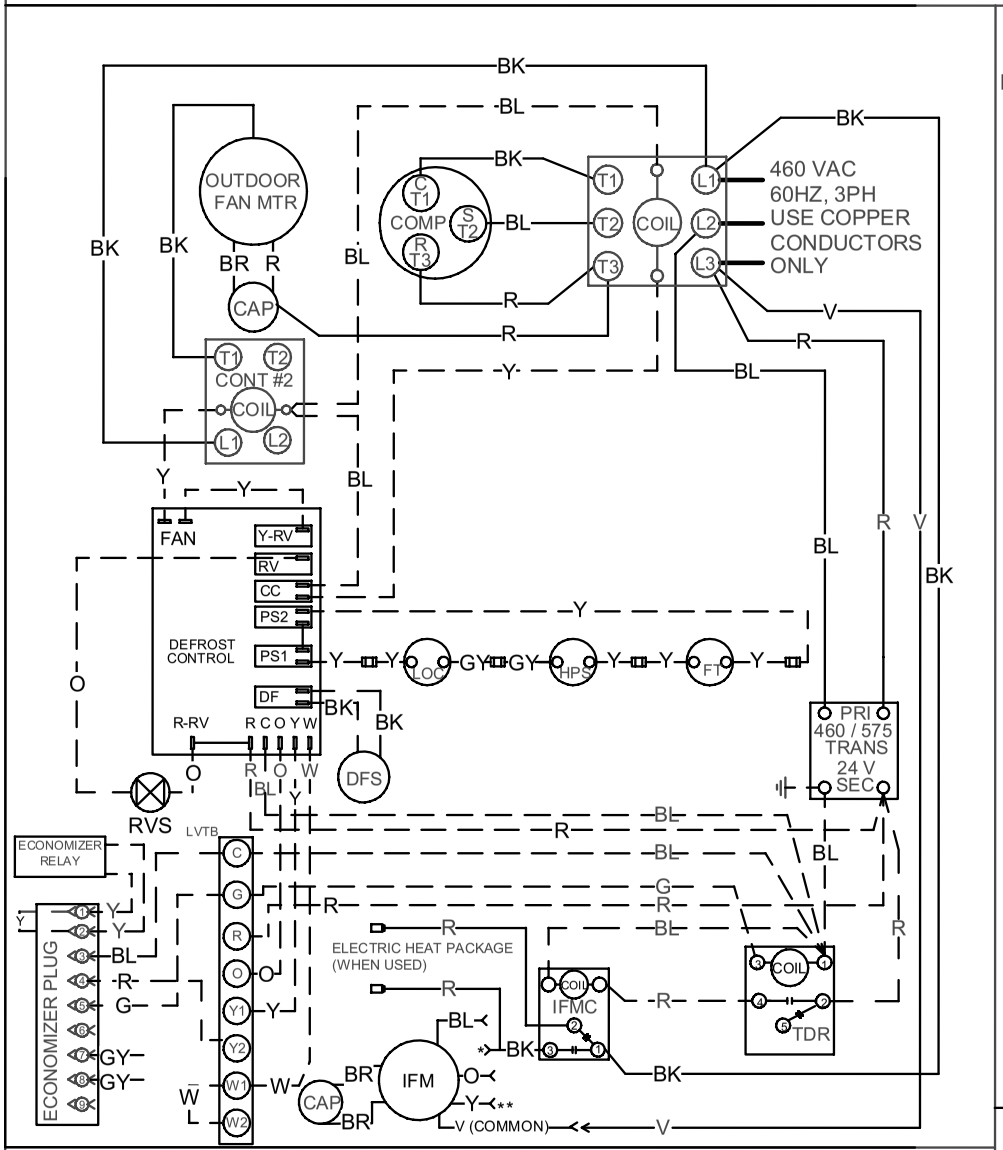


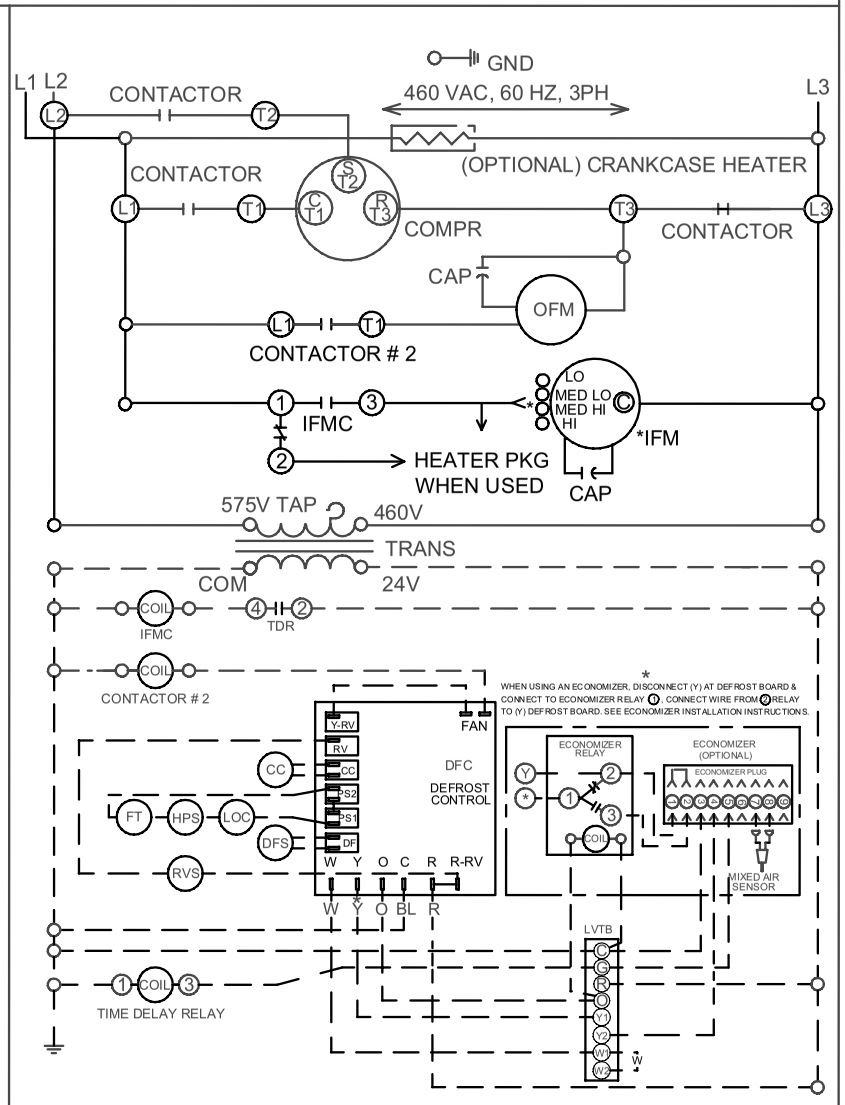
460 Volt Models

CONNECTION WIRING DIAGRAM

LADDER 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	BK	GREEN	G	WHITE	W
LINE VOLTAGE FIELD		BLUE	BL	ORANGE	O	YELLOW	Y
LOW VOLTAGE FACTORY		BROWN	BR	RED	R		
LOW VOLTAGE FIELD		GRAY	GY	VIOLET	V		

** YELLOW WIRE ON 4 SPEED MOTOR ONLY

LEGEND

TDR.....TIME DELAY RELAY	DFC.....DEFROST CONTROL
ER.....ECONOMIZER RELAY	DFS.....DEFROST SENSOR
GND.....GROUND	HPS.....HIGH PRESSURE SWITCH
TRANS.....TRANSFORMER	LVTB.....LOW VOLT TERM BOARD
COMPR....COMPRESSOR	IFMC.....INDOOR FAN MOTOR CONTROL
CAP.....CAPACITOR	IFM.....INDOOR FAN MOTOR
FT.....FREEZE THERMOSTAT	RVS.....REVERSING VALVE SOLENOID
CONT.....CONTACTOR	OFM.....OUTDOOR FAN MOTOR
JPR.....JUMPER WIRE	LOC.....LOSS OF CHARGE PRESSURE SWITCH
FCC.....FAN CONTACTOR COIL	CC.....COMPRESSOR CONTACTOR COIL

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