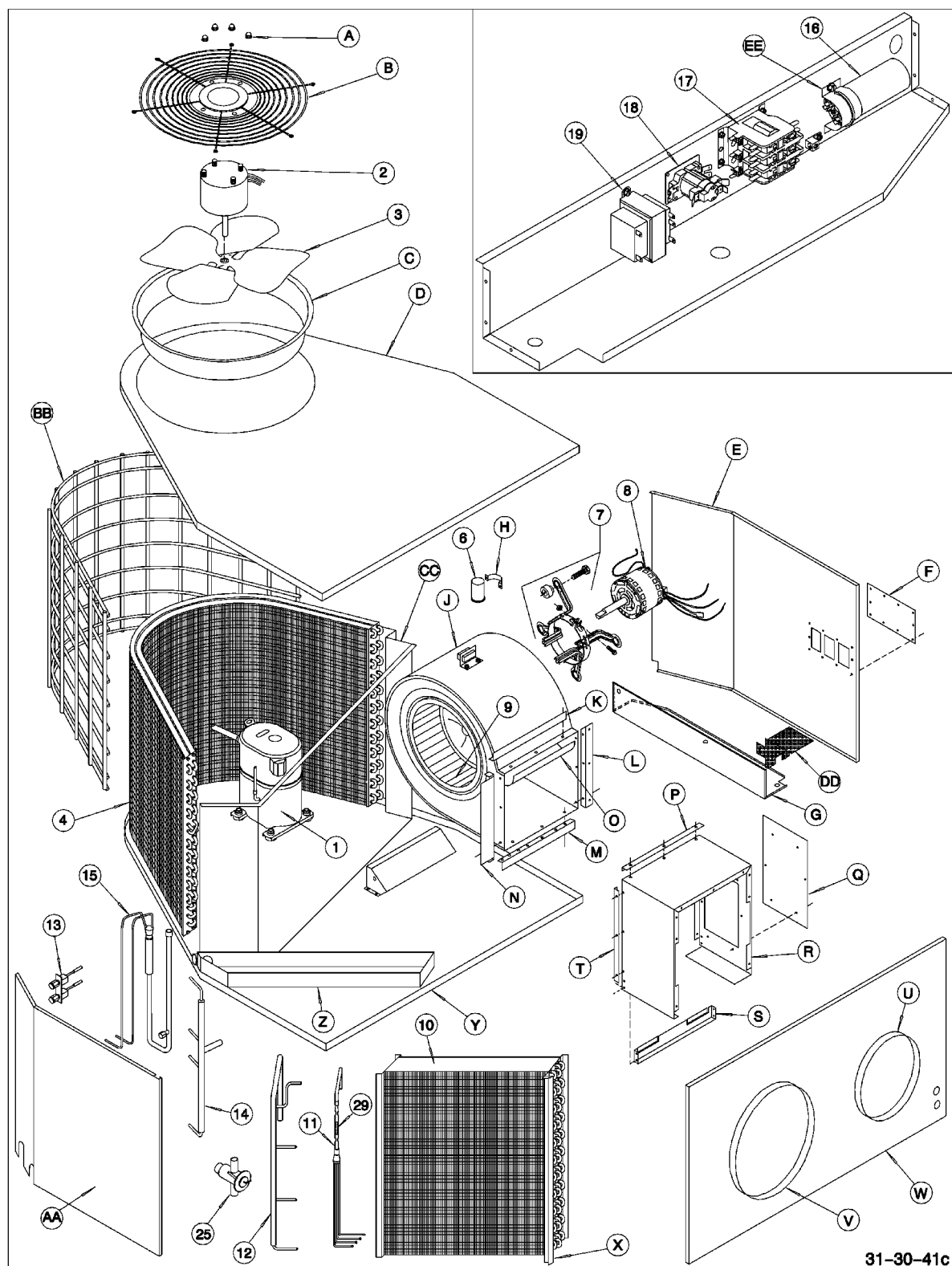


Parts List, Wiring Diagrams, Tech Labels - PA55/PAPA Series, Three Phase

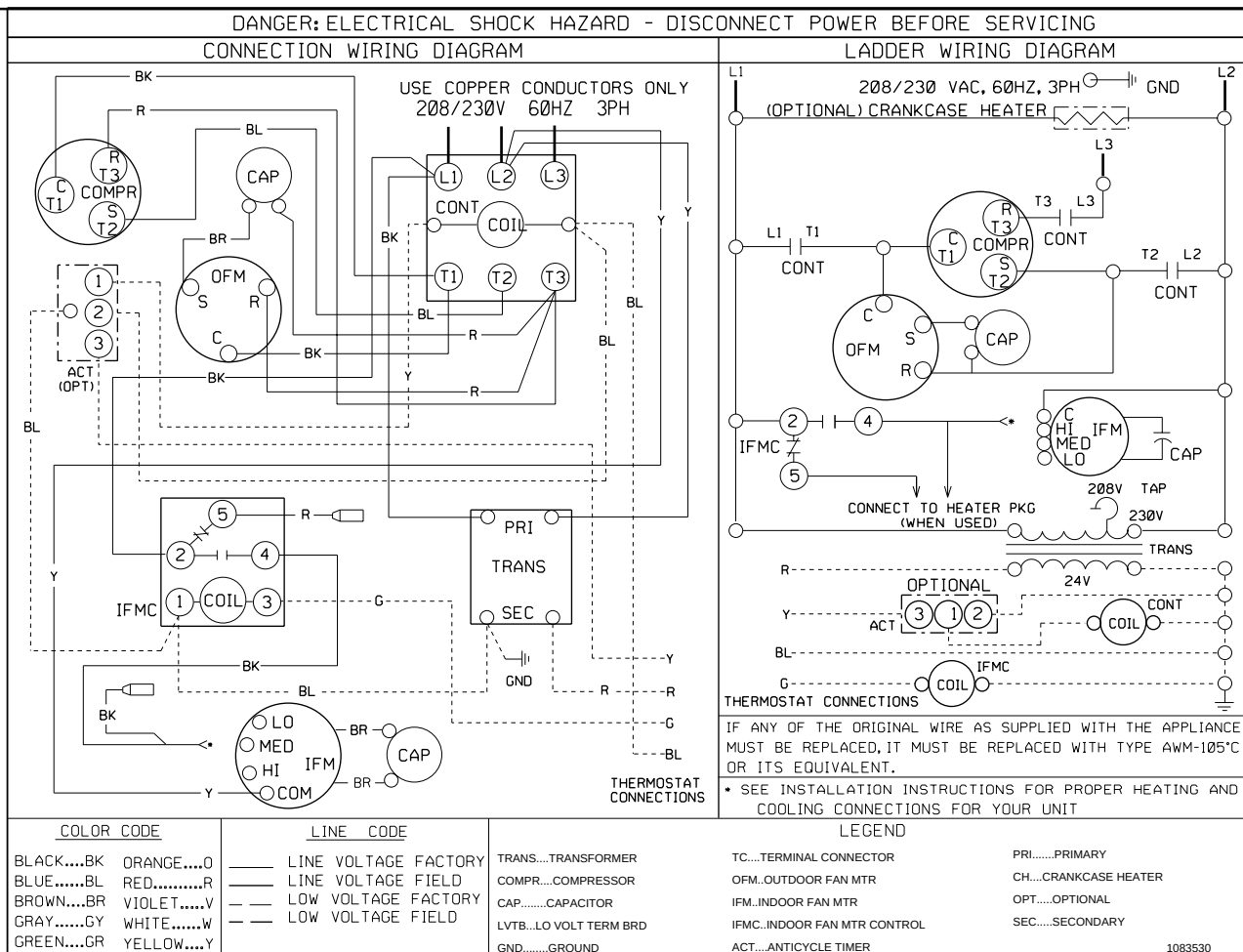


Parts List, Wiring Diagrams, Tech Labels - PA55/PAPA Series, Three Phase

PA5536AHA1, PA5548AHA1, PA5560AHA1, PAPA36HA1, PAPA48HA1, PAPA60HA1

	DESCRIPTION	PART No.	36	48	60		DESCRIPTION	PART No.	36	48	60
1	Compressor CR35K6TF5	1083625	1			A	Nut, Cap	1067902	4	4	4
1	ZR45KCTF5	1082647	-	1		AA	Panel, Side (Evap)	1081102	1	1	1
1	ZR57K3TF5	1066068	-	-	1	B	Grille, Top	1064541	1	1	
2	Motor, Condenser	1082492	1			B		1072868	-	-	1
2		1082070	-	1	1	BB	Grille, Inlet	1081378	1	1	1
3	Fan Blade, Condenser	1080790	1	1	1	C	Orifice, Condenser Fan	1065724	1	1	1
4	Condenser Coil Assy.	1081121	1			CC	Panel, Center	1097343	1	1	1
4		1081122	-	1		D	Panel, Top	1068344	1	1	1
4		1082375	-	-	1	DD	Partition, Low Voltage	1082051	1	1	1
6	Capacitor, 5 / 370V	1094954	1			E	Panel, Side (Blower)	1081103	1	1	1
6	20 / 370V	1094961	-	1	1	EE	Clamp, Capacitor	1095020	1	1	1
7	Mount, Blower Motor Kit	609227	1	1		F	Cover, Side (Blower)	1081375	1	1	1
7		522020024	-	-	1	G	Box, Control	1081220	1	1	1
8	Motor, Blower	1081399	1			H	Clamp, Capacitor	1095020	1		
8		1081194	-	1		H		1095022	-	1	1
8		1082177	-	-	1	J	Housing, Blower	1081213	1	1	
9	Wheel, Blower	706038	1			J		1082149	-	-	1
9		1082068	-	1		K	Bracket, Blower Mount	1081116	1	1	
9		1082069	-	-	1	L	Bracket, Blower Mount	1081119	1	1	
10	Evaporator Coil	1081131	1			M	Bracket, Blower Mount	1081117	1	1	
10		1082108	-	1		N	Bracket, Blower Mount	1081118	1	1	
10		1082335	-	-	1	O	Panel, Blower Cutoff	721020013	1	1	
11	Feeder Tube Asy	1081248	1			O		1082176	-	-	1
11	Strainer & Flow Control	1082105	-	1		P	Bracket, Heater Box	1081114	1	1	1
11		1082292	-	-	1	Q	Plate, Heater Cover	1081222	1	1	1
12	Manifold (Evap)	1081156	1			R	Box, Heater	1081111	1	1	1
12		1081157	-	1		S	Bracket, Heater Box	1081112	1	1	1
12		1082710	-	-	1	T	Bracket, Heater Box	1081113	1	1	
13	Port Asy, Test	1081217	1	1	1	T		1082179	-	-	1
14	Manifold Cond. Discharg	1081145	1			U	Ring, Air Duct 12"	1066734	1	1	1
14		1081146	-	1		V	Ring, Air Duct 14"	1066735	1	1	1
14		1082376	-	-	1	W	Panel, Rear	1081101	1	1	1
15	Manifold Cond. Liquid	1081153	1			X	Bracket, Evap Coil	1081110	1	1	1
15		1082198	-	1		Y	Panel, Base	1081100	1	1	1
15		1082398	-	-	1	Z	Pan, Drain	1081120	1	1	1
16	Capacitor, 5 / 370V	1094954	1				Manual, Parts List	426041002	1	1	1
16	7.5 / 370V	1094239	-	1	1		Manual, Installation	426011002	1	1	1
17	Contact, 30 AMP, 3P	1149656	1	1	1						
18	Sequencer	1054372	1	1							
18	Relay	1058148	-	-	1						
19	Transformer	1056899	1	1	1						
25	Valve, Expansion	1082294	-	-	1						
29	Flow Control	1082106	-	1							

Parts List, Wiring Diagrams, Tech Labels - PA55/PAPA Series, Three Phase



Type No:			PA5536AH/PAPA36HA				Outdoor Ambient Temperature - Degrees F. Dry Bulb																1083530			
Voltage			208 / 230		IDB	75				85				95				105				115				
Phase			3			Entering Indoor Temperature - Degrees F. Wet Bulb																				
Ampacity			17.9		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	31.8	32.9	36.1	-	31.0	32.2	35.2	-	30.3	31.4	34.4	-	28.8	29.8	32.7	-	26.6	27.6	30.2	-	
Delay Fuse			25		S/T	0.77	0.85	0.45	-	0.79	0.86	0.46	-	0.82	0.88	0.47	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-	
Max. Fuse			25		AMPS	10.3	10.5	10.8	-	11.0	11.2	11.6	-	11.6	11.9	12.2	-	12.3	12.5	12.9	-	12.9	13.2	13.6	-	
Compressor			COPELAND		HI PR	184	198	209	-	209	225	237	-	238	256	270	-	268	288	304	-	296	318	336	-	
RLA			10.3		LO PR	60	64	70	-	63	67	73	-	66	70	76	-	69	73	80	-	71	76	83	-	
LRA			75		MBh	32.3	33.3	36.0	38.7	31.5	32.5	35.2	37.7	30.8	31.7	34.3	36.8	29.2	30.1	32.6	35.0	27.1	27.9	30.2	32.4	
Cap MFD/V					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	10.4	10.6	10.9	11.2	11.1	11.3	11.6	12.0	11.7	12.0	12.3	12.7	12.4	12.7	13.0	13.4	13.0	13.3	13.7	14.2	
Start Kit					HI PR	186	200	211	220	211	227	240	250	240	259	273	285	271	291	307	321	299	322	340	354	
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	32.9	33.6	35.9	38.4	32.1	32.8	35.1	37.5	31.3	32.0	34.2	36.6	29.8	30.4	32.5	34.7	27.6	28.2	30.1	32.2	
Size			20	DD10-8	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			1/3	1 / 2	AMPS	10.4	10.6	10.9	11.3	11.2	11.4	11.7	12.1	11.8	12.1	12.4	12.8	12.5	12.8	13.1	13.6	13.1	13.4	13.8	14.3	
Type			PSC	PSC	HI PR	188	202	213	222	213	229	242	253	243	261	276	288	273	294	311	324	302	325	343	358	
FLA			1.8	3.1	LO PR	62	65	71	76	64	68	74	79	67	71	78	83	70	75	82	87	73	77	85	90	
LRA			3.57	7.4	MBh	33.5	34.1	35.7	38.1	32.7	33.3	34.9	37.2	31.9	32.5	34.0	36.3	30.3	30.9	32.3	34.5	28.0	28.6	29.9	31.9	
RPM			1100	1075	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			5 / 370	5 / 370	AMPS	10.5	10.7	11.0	11.4	11.3	11.5	11.8	12.2	11.9	12.2	12.5	12.9	12.6	12.9	13.2	13.7	13.2	13.5	13.9	14.4	
PTCR			N/A		HI PR	189	204	215	224	215	232	245	255	245	264	279	291	276	297	314	327	305	328	346	361	
Hi Press			N/A		LO PR	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	78	85	91	
Low Press			N/A		Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for Wet Coil) Based on AR1																Net Capacities					
Operating Chg (No Lines)*			(R-22 Oz)		230 Volt		External Static Press (Inch Water Column)							208 Volt		External Static Press (Inch Water Column)										
			84		Speed Tap	0.15	0.25	0.35	0.45	0.55	0.65	0.75	Speed Tap	0.15	0.25	0.35	0.45	0.55	0.65	0.75						
Service Driers					HI	-	1589	1540	1467	1411	13219	1235	HI	-	1351	1309	1247	1199	11236	1050						
Liquid/Chg			16 Cu In / 11 oz		MD HI	-	1471	1427	1379	1329	1256	1181	MD HI	-	1250	1213	1172	1130	1068	1004						
Suction			30 Sq In		MD LO	-	1373	1337	1292	1260	1186	1109	MD LO	-	1167	1136	1098	1071	1008	943						
Unit Weight			280		LO	-	1208	1190	1176	1137	1085	1019	LO	-	1027	1012	1000	966	922	866						
																					1084784					
																					1/30/97					

Parts List, Wiring Diagrams, Tech Labels - PA55/PAPA Series, Three Phase

Style No:	PA5548AH/PAPA48HA		Outdoor Ambient Temperature - Degrees F. Dry Bulb																					
Voltage	208 / 230		IDB	75				85				95				105				115				
Phase	3			Entering Indoor Temperature - Degrees F. Wet Bulb																				
Ampacity	27.8		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	35			S/T	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-
Max. Fuse	40			AMPS	15.7	16.0	16.4	-	16.8	17.1	17.5	-	17.7	18.0	18.5	-	18.6	19.0	19.5	-	19.5	19.9	20.5	-
Compressor	COPELAND		75	HI PR	198	214	225	-	226	243	256	-	257	277	292	-	289	311	329	-	319	344	363	-
RLA	14.3			LO PR	63	67	73	-	65	69	76	-	68	73	79	-	72	76	83	-	74	79	86	-
LRA	91			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				S/T	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.85	0.65	0.42	0.99	0.89	0.67	0.43	1.00	0.89	0.68	0.44
CC Heater			80	AMPS	15.8	16.1	16.5	17.0	16.9	17.2	17.7	18.2	17.8	18.2	18.7	19.2	18.7	19.1	19.6	20.3	19.7	20.1	20.6	21.3
Start Kit				HI PR	200	216	228	238	228	245	259	270	260	279	295	308	292	314	332	346	323	347	367	382
Cond & Evap	Cond	Evap		LO PR	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	90	75	80	87	93
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	20	DD10-8	85	S/T	0.99	0.93	0.76	0.56	1.00	0.95	0.78	0.58	1.00	0.98	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.84	0.63
Motor-HP	1/3	1		AMPS	15.9	16.2	16.6	17.1	17.0	17.3	17.8	18.3	17.9	18.3	18.8	19.4	18.9	19.3	19.8	20.4	19.8	20.2	20.8	21.5
Type	PSC	PSC		HI PR	202	218	230	240	230	248	262	273	262	282	298	311	295	317	335	350	326	351	370	386
FLA	1.7	6.3		LO PR	64	68	74	79	66	71	77	82	70	74	81	86	73	78	85	90	76	80	88	94
LRA	5	13.2	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	1100	1075		S/T	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.99	0.81	1.00	1.00	1.00	0.81
Cap MFD/V	5/370	20/370		AMPS	16.0	16.3	16.8	17.3	17.1	17.5	17.9	18.5	18.1	18.4	18.9	19.5	19.0	19.4	20.0	20.6	20.0	20.4	21.0	21.6
PTCR	N/A			HI PR	204	220	232	242	233	250	264	276	265	285	301	314	298	321	339	353	329	354	374	390
Hi Press	N/A		LO PR	65	69	75	80	67	71	78	83	70	75	82	87	74	79	86	91	76	81	89	94	
Low Press	N/A		Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for Wet Coil) Based on AR1 Net Capacities																					
Operating Chg (No Lines)*	(R-22 Oz) 81		230 Volt	External Static Press (Inch Water Column)								208 Volt	External Static Press (Inch Water Column)											
			Speed Tap	0.15	0.25	0.35	0.45	0.55	0.65	0.75	Speed Tap	0.15	0.25	0.35	0.45	0.55	0.65	0.75						
Service Driers			HI	-	1804	1822	1736	1635	1530	1411	HI	-	1618	1549	1476	1390	1301	1199						
Liquid/Chg Suction	30 Cu In / 17 oz		MD HI	-	1927	1759	1670	1572	1478	1377	MD HI	-	1553	1495	1420	1336	1256	1170						
	30 Sq In		MD LO	-	1707	1651	1577	1497	1417	1322	MD LO	-	1451	1403	1340	1272	1204	1124						
Unit Weight	280		LO	-	-	-	-	-	-	-	LO	-	-	-	-	-	-	-	1084785 1/30/97					

Style No:	PA5560AH/PAPA60HA			Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
Voltage	208 / 230			IDB				75				85				95				105				115			
Phase	3							Entering Indoor Temperature - Degrees F. Wet Bulb																			
Ampacity	34.8																										
Wire Ga/Ft	NEC																										
Delay Fuse	45																										
Max. Fuse	50																										
Compressor	COPELAND																										
RLA	19.3																										
LRA	137																										
Cap MFD/V																											
CC Heater																											
Start Kit																											
Cond & Evap	Cond	Evap																									
Type	Fan	Blower																									
Size	20	DD11-8																									
Motor-HP	1/3	1																									
FLA	PSC	PSC																									
FLA	1.7	4.5																									
LRA	5	13																									
RPM	1100	1075																									
Cap MFD/V	5/370	20/370																									
PTCR	N/A																										
Hi Press	N/A																										
Low Press	N/A																										
Operating Chg (No Lines)*	(R-22 Oz)		230 Volt				External Static Press (Inch Water Column)				208 Volt				External Static Press (Inch Water Column)												
	105		Speed Tap				0.15 0.25 0.35 0.45 0.55 0.65 0.75				Speed Tap				0.15 0.25 0.35 0.45 0.55 0.65 0.75												
Service Driers			HI				-				HI				-												
Liquid/Chg Suction	30 Cu In / 17 oz		MD HI				-				MD HI				-												
	30 Sq In		MD LO				-				MD LO				-												
Unit Weight	295		LO				-				LO				-												