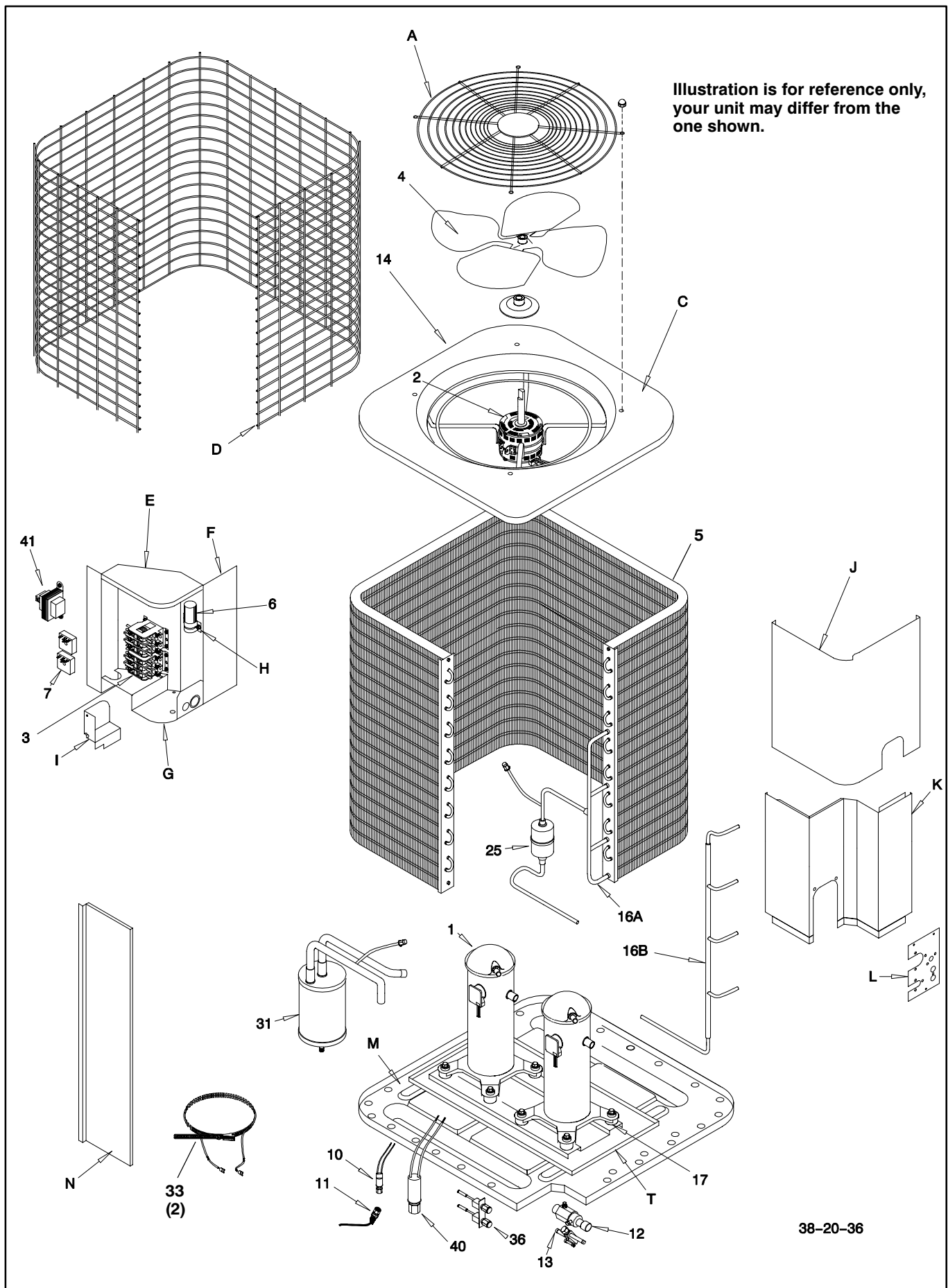


Parts List, Tech Labels & Wiring Diagrams for CA5 & CBA Series

No.	DESCRIPTION	PART NO.	CA5090VHA3 CBA090HA3	CA5090VLA3 CBA090FA3	CA5120VHA3 CBA120HA3	CA5120VLA3 CBA120FA3
1	Compressor, ZRT92K3TF5	1097806	1			
1	Compressor, ZRT92K3TFD	1087807	-	1		
1	Compressor, ZRT122K3TF5	1087809	-	-	1	
1	Compressor, ZRT122K3TFD	1097810	-	-	-	1
2	Motor, Fan 1/230 Volt, 3/4 HP	1070015	1			
2	Motor, Fan 1/460 Volt, 3/4 HP	1070056	-	1		
2	Motor, Fan 1/230 Volt, 1 HP	1070085	-	-	1	
2	Motor, Fan 1/460 Volt, 1 HP	1070086	-	-	-	1
3	Contactor, 30 Amp, 3 Pole	607339	1	1	1	1
3A	Contactor, 30 Amp, 3 Pole	1070823	1	1	1	1
4	Fan	1070047	1	1		
4	Fan	1070020	-	-	1	1
5	Coil, Condenser	1082675	1	1		
5	Coil, Condenser	1082676	-	-	1	1
6	Capacitor, 12.5 Mfd,440V	1094967	1	1		
6	Capacitor, 20 Mfd,440V	1094968	-	-	1	1
7	Timer, Short Cycle	1085325	2	2	2	2
10	Switch, High Pressure	1069160	1	1	1	1
11	Switch, Low Pressure	1080365	1	1	1	1
12	Valve, Service Suction	1084900	1	1	1	1
13	Valve, Service Liquid	1063717	1	1	1	1
14	Mount, Fan Motor	1070016	1	1		
14	Mount, Fan Motor	1070161	-	-	1	1
16A	Manifold, Liquid	1082669	1	1		
16A	Manifold, Liquid	1082671	-	-	1	1
16B	Manifold, Discharge	1082670	1	1	1	1
17	Grommet, Compressor	79608	6	6	6	6
25	Drier	1071983	1	1	1	1
31	Accumulator	1071851	1	1	1	1
33	Heater, Crankcase 230 Volt, 70 Watt	1097444	2		2	
33	Heater, Crankcase 460 Volt, 70 Watt	1097486	-	2		2
40	Switch Low Ambient	1059429	1	1	1	1
36	Port Assembly	1082689	1	1	1	1
41	Transformer, 230 Volt Pri, 24 Volt Sec, 65 VA	1054637	1		1	
41	Transformer, 460/575 Volt Pri, 24 Volt Sec, 65 VA	1054638	-	1		1
A	Grille, Outlet	1084613	1	1	1	1
C	Panel, Top	1084560	1	1	1	1
D	Grille, Inlet	1084610	1	1	1	1
E	Top, Control Box	1064362	1	1	1	1
F	Box, Control	1082652	1	1	1	1
G	Bottom, Control Box	1064364	1	1	1	1
H	Clamp, Capacitor	1095022	1	1	1	1
I	Divided, Low Voltage	1051297	1	1	1	1
J	Cover, Control Box	1084564	1	1	1	1
K	Panel, Corner	1084577	1	1	1	1
L	Plate, Fitting	1082685	1	1	1	1
M	Basepan	1097799	1	1	1	1
N	Panel Access	1084619	1	1	1	1
T	Plate, Base	1097800	1	1	1	1
)(	Manual Parts List	501041503	1	1	1	1
)(	Manual, Installation	501011501	1	1	1	1

Parts List, Tech Labels & Wiring Diagrams for CA55 & CBA Series



Parts List, Tech Labels & Wiring Diagrams for CA5 & CBA Series

Style No:	A5090VHA/CBA090HA		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	34.4	70	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
Wire Ga	8		MBh	83.6	86.7	95.0	-	81.6	84.6	92.7	-	79.7	82.6	90.5	-	75.7	78.4	85.9	-	70.1	72.6	79.6	-	
Wire Length/Ft	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	-	
Delay Fuse	15		AMPS	25.9	26.5	27.2	-	27.8	28.3	29.1	-	29.4	30.0	30.8	-	30.9	31.6	32.5	-	32.5	33.2	34.2	-	
Max. Fuse	45	HI PR	192	206	218	-	218	235	248	-	248	267	282	-	279	301	318	-	309	332	351	-		
Compressor	SCROLL - 2	LO PR	61	65	71	-	63	68	74	-	67	71	77	-	70	74	81	-	72	77	84	-		
RLA	26.9	75	MBh	85.1	87.6	94.8	102	83.0	85.5	92.5	99.3	81.0	83.4	90.3	96.9	77.0	79.2	85.8	92.0	71.3	73.4	79.4	85.3	
LRA	240		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	
Cap MFD/V	NONE		AMPS	26.1	26.7	27.4	28.2	28.0	28.6	29.3	30.3	29.6	30.2	31.1	32.1	31.2	31.8	32.8	33.8	32.8	33.5	34.4	35.6	
CC Heater	Yes		HI PR	194	208	220	230	220	237	250	261	251	270	285	297	282	304	321	335	312	336	354	370	
Start Kit	NONE	LO PR	62	66	72	76	64	68	74	79	67	72	78	83	71	75	82	87	73	78	85	90		
Fan Motor-HP	3 / 4	80	MBh	86.6	88.5	94.5	101	84.5	86.3	92.3	98.6	82.4	84.2	90.0	96.2	78.3	80.0	85.5	91.4	72.5	74.1	79.2	84.7	
Type	PSC		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	
FLA	4.1		AMPS	26.3	26.9	27.6	28.4	28.2	28.8	29.6	30.5	29.8	30.4	31.3	32.3	31.4	32.1	33.0	34.1	33.0	33.7	34.7	35.9	
LRA	9.1		HI PR	196	211	222	232	223	239	253	264	253	273	288	300	285	307	324	338	315	339	358	373	
RPM	1075	LO PR	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	78	86	91		
Cap MFD/V	12.5 / 440	85	MBh	88.1	89.8	94.0	100	86.0	87.6	91.8	97.9	83.9	85.5	89.6	95.5	79.7	81.2	85.1	90.8	73.8	75.2	78.8	84.1	
PTCR	NONE		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	
Hi Press	450 AR		AMPS	26.5	27.1	27.8	28.7	28.4	29.0	29.8	30.8	30.1	30.7	31.5	32.6	31.7	32.4	33.3	34.4	33.3	34.0	35.0	36.2	
Low Press	5		HI PR	198	213	225	234	225	242	255	266	256	275	291	303	288	310	327	341	318	342	362	377	
Time Delay	5 Min	LO PR	63	67	73	78	65	70	76	81	69	73	80	85	72	77	84	89	74	79	86	92		
Operating Chg (25 Ft Lines)*	(R-22 Oz) FIELD	Calculated averaged performance data, for service applications for all matches.																						
Service Driers																								
Liquid/Chg	FIELD																							
Suction	FIELD	*Add or Subtract (Oz per Ft) for Lines: .25oz -1/4 Liq, .45oz- 5/16 Liq, .60oz - 3/8 Liq, 1.2 oz - 1/2 Liq																						
		Part No: 1097835																						

Style No:	CA5090VLA/CBA090LA	Outdoor Ambient Temperature - Degrees F. Dry Bulb																					
Voltage	460	IDB	75				85				95				105				115				
Phase	3		Entering Indoor Temperature - Degrees F. Wet Bulb																				
Ampacity	18.7		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
Wire Ga	12	70	MBh	83.6	86.7	95.0	-	81.6	84.6	92.7	-	79.7	82.6	90.5	-	75.7	78.4	85.9	-	70.1	72.6	79.6	-
Wire Length/Ft	30		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	-
Delay Fuse	15		AMPS	12.5	12.7	13.0	-	13.3	13.6	14.0	-	14.1	14.4	14.8	-	14.8	15.1	15.6	-	15.6	15.9	16.4	-
Max. Fuse	25		HI PR	192	206	218	-	218	235	248	-	248	267	282	-	279	301	318	-	309	332	351	-
Compressor	SCROLL - 2	75	LO PR	61	65	71	-	63	68	74	-	67	71	77	-	70	74	81	-	72	77	84	-
RLA	14.7		MBh	85.1	87.6	94.8	102	83.0	85.5	92.5	99.3	81.0	83.4	90.3	96.9	77.0	79.2	85.8	92.0	71.3	73.4	79.4	85.3
LRA	90		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
Cap MFD/V	NONE		AMPS	12.5	12.8	13.1	13.5	13.4	13.7	14.1	14.5	14.2	14.5	14.9	15.4	15.0	15.3	15.7	16.2	15.7	16.0	16.5	17.0
CC Heater	Yes	80	HI PR	194	208	220	230	220	237	250	261	251	270	285	297	282	304	321	335	312	336	354	370
Start Kit	NONE		LO PR	62	66	72	76	64	68	74	79	67	72	78	83	71	75	82	87	73	78	85	90
Fan Motor-HP	3 / 4		MBh	86.6	88.5	94.5	101	84.5	86.3	92.3	98.6	82.4	84.2	90.0	96.2	78.3	80.0	85.5	91.4	72.5	74.1	79.2	84.7
Type	PSC		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
FLA	2.1	85	AMPS	12.6	12.9	13.2	13.6	13.5	13.8	14.2	14.6	14.3	14.6	15.0	15.5	15.1	15.4	15.8	16.3	15.8	16.2	16.6	17.2
LRA	4.7		HI PR	196	211	222	232	223	239	253	264	253	273	288	300	285	307	324	338	315	339	358	373
RPM	1075		LO PR	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	78	86	91
Cap MFD/V	12.5 / 440		MBh	88.1	89.8	94.0	100	86.0	87.6	91.8	97.9	83.9	85.5	89.6	95.5	79.7	81.2	85.1	90.8	73.8	75.2	78.8	84.1
PTCR	NONE	85	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
Hi Press	450 AR		AMPS	12.7	13.0	13.3	13.7	13.6	13.9	14.3	14.7	14.4	14.7	15.1	15.6	15.2	15.5	15.9	16.5	16.0	16.3	16.8	17.3
Low Press	5		HI PR	198	213	225	234	225	242	255	266	256	275	291	303	288	310	327	341	318	342	362	377
Time Delay	5 Min		LO PR	63	67	73	78	65	70	76	81	69	73	80	85	72	77	84	89	74	79	86	92
Operating Chg (25 Ft Lines)*	(R-22 Oz) FIELD	Calculated averaged performance data, for service applications for all matches.																					
Service Driers																							
Liquid/Chg	FIELD																						
Suction	FIELD	*Add or Subtract (Oz per Ft) for Lines: .25oz -1/4 Liq, .45oz- 5/16 Liq, .60oz - 3/8 Liq, 1.2 oz - 1/2 Liq																					
		Part No: 1097836																					

Parts List, Tech Labels & Wiring Diagrams for CA55 & CBA Series

Style No.:	CA5120VHA/CBA120HA	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	44.4			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
Wire Ga	6	70	MBh	112	116	127	-	109	113	124	-	106	110	121	-	101	105	115	-	93	97	106	-
Wire Length/Ft	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	-
Delay Fuse	15		AMPS	35.0	35.7	36.6	-	37.4	38.1	39.2	-	39.5	40.3	41.4	-	41.5	42.4	43.6	-	43.6	44.5	45.7	-
Max. Fuse	60		HI PR	186	200	211	-	211	227	240	-	241	259	273	-	271	291	308	-	299	322	340	-
Compressor	SCROLL-2	75	LO PR	60	64	70	-	63	67	73	-	66	70	76	-	69	73	80	-	71	76	83	-
RLA	34.6		MBh	113	117	126	136	111	114	123	132	108	111	120	129	103	106	114	123	95	98	106	114
LRA	274		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	NONE		AMPS	35.3	36.0	36.9	38.0	37.7	38.4	39.5	40.7	39.8	40.6	41.7	43.0	41.9	42.7	43.9	45.3	43.9	44.8	46.1	47.6
CC Heater	Yes	80	HI PR	188	202	213	222	213	230	243	253	243	262	276	288	273	294	311	324	302	325	343	358
Start Kit	NONE		LO PR	61	65	71	75	63	67	74	78	66	71	77	82	70	74	81	86	72	77	84	89
Fan Motor-HP	1		MBh	115	118	126	135	113	115	123	131	110	112	120	128	104	107	114	122	97	99	106	113
Type	PSC		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
FLA	5.5	85	AMPS	35.5	36.2	37.2	38.3	38.0	38.7	39.8	41.0	40.1	40.9	42.0	43.3	42.2	43.0	44.2	45.6	44.3	45.2	46.4	47.9
LRA	13		HI PR	190	204	215	225	216	232	245	255	246	264	279	291	276	297	314	327	305	328	347	362
RPM	1100		LO PR	62	65	71	76	64	68	74	79	67	71	78	83	70	75	82	87	73	77	85	90
Cap MFD/V	20 / 440		MBh	117	120	125	134	115	117	122	131	112	114	119	127	106	108	113	121	98	100	105	112
PTCR	NONE	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
Hi Press	450 AR		AMPS	35.8	36.5	37.4	38.6	38.3	39.0	40.1	41.3	40.4	41.2	42.3	43.6	42.5	43.4	44.6	46.0	44.6	45.5	46.8	48.3
Low Press	5		HI PR	191	206	218	227	218	234	247	258	248	267	282	294	279	300	317	331	308	332	350	365
Time Delay	5 Min		LO PR	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	78	85	91
Operating Chg (25 Ft Lines)*	(R-22 Oz) FIELD	Calculated averaged performance data, for service applications for all matches.																					
Service Driers	FIELD	Part No:																					
Liquid/Chg Suction	FIELD																						
*Add or Subtract (Oz per Ft) for Lines: .25oz -1/4 Liq, .45oz- 5/16 Liq, .60oz - 3/8 Liq, 1.2 oz - 1/2 Liq																							
1097837																							

Style No:	CA5120VLA/CBA120LA	Outdoor Ambient Temperature - Degrees F. Dry Bulb																					
Voltage	460	IDB	75				85				95				105				115				
Phase	3		Entering Indoor Temperature - Degrees F. Wet Bulb																				
Ampacity	23.2		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
Wire Ga	10	70	MBh	112	116	127	-	109	113	124	-	106	110	121	-	101	105	115	-	93	97	106	-
Wire Length/Ft	35		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	15		AMPS	19.9	20.3	20.8	-	21.3	21.7	22.3	-	22.5	23.0	23.6	-	23.7	24.2	24.9	-	24.9	25.5	26.2	-
Max. Fuse	45		HI PR	186	200	211	-	211	227	240	-	241	259	273	-	271	291	308	-	299	322	340	-
Compressor	SCROLL-2	75	LO PR	60	64	70	-	63	67	73	-	66	70	76	-	69	73	80	-	71	76	83	-
RLA	17.9		MBh	113	117	126	136	111	114	123	132	108	111	120	129	103	106	114	123	95	98	106	114
LRA	124		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	NONE		AMPS	20.0	20.4	21.0	21.6	21.4	21.9	22.5	23.2	22.7	23.2	23.8	24.6	23.9	24.4	25.1	26.0	25.1	25.7	26.4	27.3
CC Heater	Yes	80	HI PR	188	202	213	222	213	234	243	253	243	262	276	288	273	294	311	324	302	325	343	358
Start Kit	NONE		LO PR	61	65	71	75	63	67	74	78	66	71	77	82	70	74	81	86	72	77	84	89
Fan Motor-HP	1		MBh	115	118	126	135	113	115	123	131	110	112	120	128	104	107	114	122	97	99	106	113
Type	PSC		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
FLA	3	85	AMPS	20.2	20.6	21.1	21.8	21.6	22.1	22.7	23.4	22.9	23.3	24.0	24.8	24.1	24.6	25.3	26.2	25.3	25.9	26.6	27.5
LRA	6.6		HI PR	190	204	215	225	216	232	245	255	246	264	279	291	276	297	314	327	305	328	347	362
RPM	1100		LO PR	62	65	71	76	64	68	74	79	67	71	78	83	70	75	82	87	73	77	85	90
Cap MFD/V	20 / 440		MBh	117	120	125	134	115	117	122	131	112	114	119	127	106	108	113	121	98	100	105	112
PTCR	NONE	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
Hi Press	450 AR		AMPS	20.3	20.7	21.3	22.0	21.8	22.2	22.8	23.6	23.0	23.5	24.2	25.0	24.3	24.8	25.5	26.4	25.5	26.1	26.9	27.8
Low Press	5		HI PR	191	206	218	227	218	234	247	258	248	267	282	294	279	300	317	331	308	332	350	365
Time Delay	5 Min		LO PR	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	78	85	91
Operating Chg (25 Ft Lines)*	(R-22 Oz) FIELD	Calculated averaged performance data, for service applications for all matches.																					
Service Driers	FIELD	Part No:																					
Liquid/Chg Suction	FIELD																						*Add or Subtract (Oz per Ft) for Lines: .25oz -1/4 Liq, .45oz- 5/16 Liq, .60oz - 3/8 Liq, 1.2 oz - 1/2 Liq
		1097838																					

Parts List, Tech Labels & Wiring Diagrams for CA5 & CBA Series

