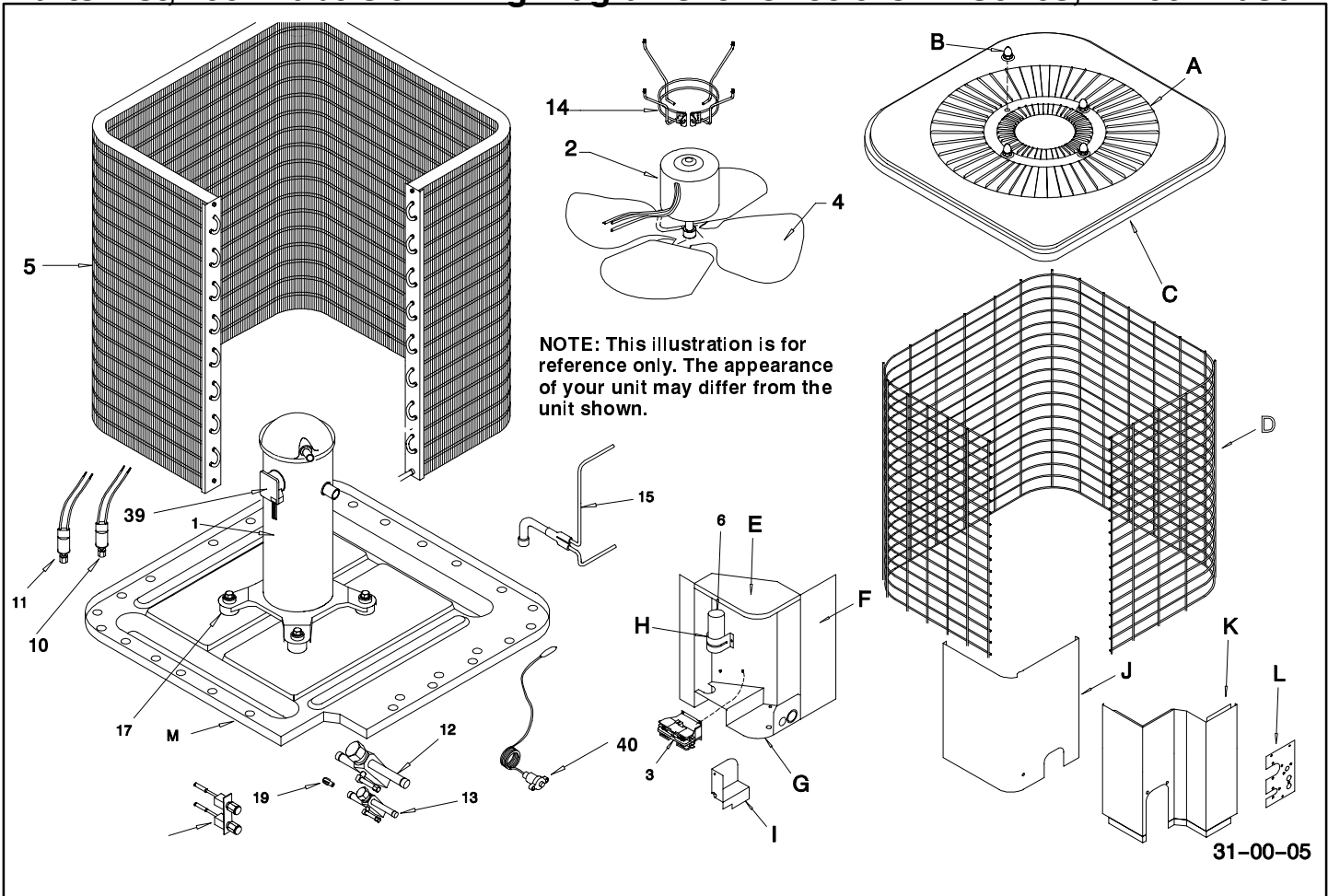
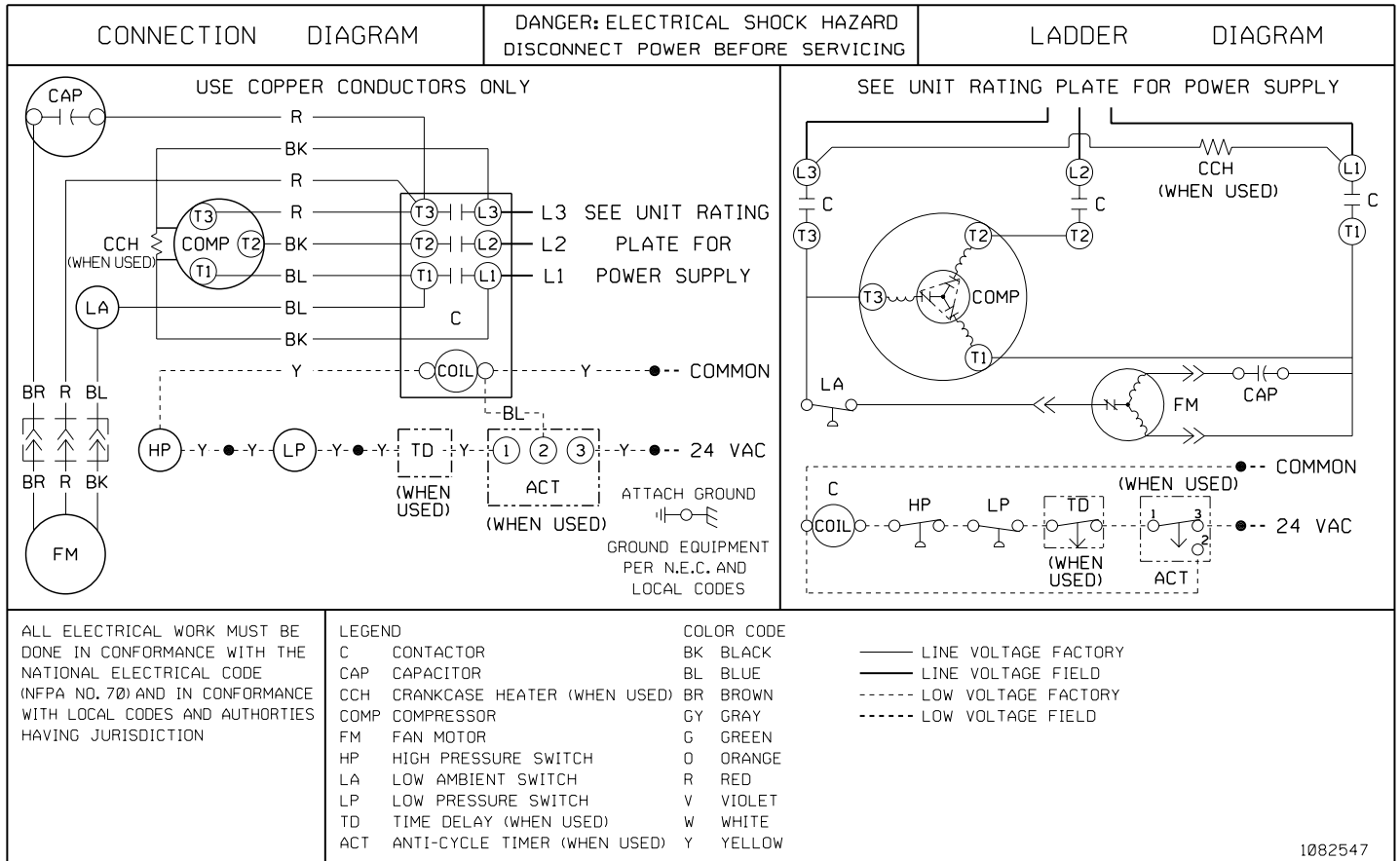


Parts List, Tech Labels & Wiring Diagrams for CA55 & CBA Series, Three Phase



31-00-05



1082547

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

Models - CA5536VLD3, CA5548VLD3, CA5560VLD3
CBA036FB3, CBA048FB3, CBA060FB3

NO.	DESCRIPTION	PART NUMBER	36	48	60
1	Compressor ZR36K3TFD	1085151	1		
1	ZR45KCTFD	1085152	-	1	
1	ZR61KCTFD	1085153	-	-	1
2	Motor, Fan	1069412	1		
2		1069783	-	1	1
3	Contacto 30Amp 3Pole	607339	1	1	1
4	Fan	1080796	1		
4		1080777	-	1	
4		1068558	-	-	1
5	Condenser	1082568	1		
5		1082570	-	1	
5		1082571	-	-	1
6	Capacitor, 5Mfd.,370Volt	1094954	1	1	1
10	Switch, High Pressure	1069160	1	1	1
11	Switch, Low Pressure	1080365	1	1	1
12	Valve, Service Suction	1080995	1		
12		1080996	-	1	
12		1084848	-	-	1
13	Valve, Service Liquid	1080999	1		
13		1081000	-	1	1
14	Mount, Fan Motor	1051460	-	1	1
15	Distributor Assembly	1082522	1		
15		1082560	-	1	1
17	Grommet, Compressor	1052060	4	4	4
19	Restrictor .072	1069387	1		
19	.079	1053661	-	1	
19	.089	1057897	-	-	1
36	Port Assembly, Hi/Lo (Test)	1081841	1	1	1
39	Plug, Compressor	1085154	1	1	1
40	Switch, Low Ambient	1059429	1	1	1

NO.	DESCRIPTION	PART NUMBER	36	48	60
B	Nut, Cap	1052962	4		
B		1052963	-	4	4
C	Panel, Top	1084650	1		
C		1084559	-	1	1
D	Grille, Inlet	1084587	1		
D		1084599	-	1	
D		1084600	-	-	1
E	Top, Control Box	1064781	1		
E		1064362	-	1	1
F	Box, Control	1097132	1		
F		1097104	-	1	1
G	Bottom, Control Box	1052888	1		
G		1064364	-	1	1
H	Clamp, Capacitor	1095020	1	1	1
I	Divider, Low Voltage	1051297	1	1	1
J	Cover, Control Box	1084563	1		
J		1084564	-	1	1
K	Panel, Corner	1084568	1		
K		1084574	-	1	
K		1084576	-	-	1
L	Plate, Fitting	1052849	1	1	
L		1081007	-	-	1
M	Basepan	1084550	1		
M		1084552	-	1	1
)(	Manual, Parts List	50104110 5	1	1	1
)(	Manual, Installation	50101110 1	1	1	1
)(	Manual, Users	42102110 2	1	1	1

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

Style No:	36MCE-0000954ZR	Outdoor Ambient Temperature - Degrees F. Dry Bulb																					
		75				85				95				105				115					
Voltage	460	IDB	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	
Phase	3	70	MBh	32.0	33.1	36.3	-	31.2	32.3	35.4	-	30.4	31.6	34.6	-	28.9	30.0	32.8	-	26.8	27.8	30.4	-
Ampacity	6.9		S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-
Wire Ga	14		AMPS	4.5	4.6	4.7	-	4.9	5.0	5.1	-	5.2	5.3	5.5	-	5.5	5.7	5.8	-	5.9	6.0	6.2	-
Wire Length/Ft	55		HI PR	180	193	204	-	204	220	232	-	233	251	265	-	262	282	298	-	289	311	329	-
Delay Fuse	15		LO PR	59	62	68	-	61	65	71	-	64	68	74	-	67	71	78	-	70	74	81	-
Max. Fuse	15	75	MBh	32.5	33.5	36.2	38.9	31.7	32.7	35.4	38.0	31.0	31.9	34.5	37.0	29.4	30.3	32.8	35.2	27.2	28.1	30.4	32.6
Compressor	COPELAND		S/T	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41
RLA	5.1		AMPS	4.5	4.6	4.8	5.0	4.9	5.0	5.2	5.4	5.2	5.4	5.5	5.8	5.6	5.7	5.9	6.1	5.9	6.0	6.3	6.5
LRA	39		HI PR	182	195	206	215	207	222	235	245	235	253	267	279	265	285	301	314	292	315	332	347
Cap MFD/V	N/A		LO PR	59	63	69	73	62	66	72	76	65	69	75	80	68	72	79	84	70	75	82	87
CC Heater	N/A	80	MBh	33.1	33.8	36.1	38.6	32.3	33.0	35.3	37.7	31.5	32.2	34.4	36.8	29.9	30.6	32.7	34.9	27.7	28.3	30.3	32.4
Start Kit	NONE		S/T	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59
Fan Motor-HP	1/6		AMPS	4.6	4.7	4.8	5.0	5.0	5.1	5.2	5.4	5.3	5.4	5.6	5.8	5.6	5.8	6.0	6.2	6.0	6.1	6.3	6.5
Type	PSC		HI PR	183	197	208	217	209	224	237	247	238	256	270	282	267	288	304	317	295	318	336	350
FLA	0.46		LO PR	60	64	70	74	62	66	72	77	65	70	76	81	69	73	80	85	71	75	82	88
LRA	1.7	85	MBh	33.7	34.3	35.9	38.3	32.9	33.5	35.1	37.4	32.1	32.7	34.2	36.5	30.5	31.0	32.5	34.7	28.2	28.8	30.1	32.1
RPM	1110		S/T	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76
Cap MFD/V	5 / 370		AMPS	4.6	4.7	4.9	5.1	5.0	5.1	5.3	5.5	5.3	5.5	5.7	5.9	5.7	5.8	6.0	6.2	6.0	6.2	6.4	6.6
Low Ambient	250 / 115 AR		HI PR	185	199	211	220	211	227	239	250	240	258	273	284	270	291	307	320	298	321	339	354
Hi Press	450		LO PR	61	64	70	75	63	67	73	78	66	70	77	82	69	74	80	86	72	76	83	89
Low Press	5	Calculated averaged performance data, for service applications for all matches.																					
Time Delay	NONE	Part No: 1082585																					
Operating Chg (25 Ft Lines)*	(R-220z) 82	*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																					
Service Driers																							
Liquid/Chg Suction	16Culn/11oz 30Sqn																						

Style No:	48MCE-0000954ZR	Outdoor Ambient Temperature - Degrees F. Dry Bulb																					
		75				85				95				105				115					
Voltage	460	IDB	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	
Phase	3	70	MBh	42.7	44.3	48.5	-	41.7	43.2	47.4	-	40.7	42.2	46.2	-	38.7	40.1	43.9	-	35.8	37.1	40.7	-
Ampacity	8.8		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	-
Wire Ga	14		AMPS	5.7	5.8	6.0	-	6.2	6.3	6.5	-	6.6	6.8	7.0	-	7.0	7.2	7.4	-	7.4	7.6	7.8	-
Wire Length/Ft	45		HI PR	182	196	207	-	207	223	236	-	236	254	269	-	266	286	302	-	294	316	334	-
Delay Fuse	15		LO PR	60	63	69	-	62	66	72	-	65	69	75	-	68	72	79	-	70	75	82	-
Max. Fuse	15	75	MBh	43.5	44.8	48.4	52.0	42.4	43.7	47.3	50.8	41.4	42.6	46.1	49.5	39.3	40.5	43.8	47.0	36.4	37.5	40.6	43.6
Compressor	COPELAND		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
RLA	6.4		AMPS	5.8	5.9	6.1	6.3	6.2	6.4	6.6	6.8	6.7	6.8	7.0	7.3	7.1	7.2	7.5	7.8	7.5	7.7	7.9	8.2
LRA	46		HI PR	184	198	209	218	210	226	238	248	239	257	271	283	269	289	305	318	297	319	337	352
Cap MFD/V	N / A		LO PR	60	64	70	74	62	66	73	77	66	70	76	81	69	73	80	85	71	76	83	88
CC Heater	NONE	80	MBh	44.2	45.2	48.3	51.6	43.2	44.1	47.2	50.4	42.1	43.1	46.0	49.2	40.0	40.9	43.7	46.7	37.1	37.9	40.5	43.3
Start Kit	NONE		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
Fan Motor-HP	1/3		AMPS	5.8	5.9	6.1	6.4	6.3	6.4	6.7	6.9	6.7	6.9	7.1	7.4	7.1	7.3	7.5	7.8	7.6	7.7	8.0	8.3
Type	PSC		HI PR	186	200	212	221	212	228	241	251	241	259	274	286	271	292	308	322	300	323	341	355
FLA	0.74		LO PR	61	65	71	75	63	67	73	78	66	71	77	82	69	74	81	86	72	76	83	89
LRA	2.15	85	MBh	45.0	45.9	48.1	51.3	43.9	44.8	46.9	50.1	42.9	43.7	45.8	48.8	40.7	41.5	43.5	46.4	37.7	38.5	40.3	43.0
RPM	1100		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	5 / 370		AMPS	5.9	6.0	6.2	6.4	6.4	6.5	6.7	7.0	6.8	6.9	7.2	7.4	7.2	7.4	7.6	7.9	7.6	7.8	8.1	8.4
Low Ambient	250 / 115 AR		HI PR	188	202	214	223	214	230	243	253	244	262	277	289	274	295	311	325	303	326	344	359
Hi Press	450		LO PR	61	65	71	76	64	68	74	79	67	71	78	83	70	75	82	87	73	77	84	90
Low Press	5	Calculated averaged performance data, for service applications for all matches.																					
Time Delay	NONE	Part No: 1082586																					
Operating Chg (25 Ft Lines)*	(R-220z) 134	*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																					
Service Driers																							
Liquid/Chg Suction	30Culn/17oz 30Sqn																						

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

Style No:	60MCC-0000954ZR	Outdoor Ambient Temperature - Degrees F. Dry Bulb																															
		75				85				95				105				115															
Voltage	460	Entering Indoor Temperature - Degrees F. Wet Bulb																															
Phase	3	59				63				67				71				59				63				67				71			
Ampacity	10.7	IDB																															
Wire Ga	14	70	MBh	53.9	55.9	61.2	-	52.6	54.5	59.7	-	51.3	53.2	58.3	-	48.8	50.5	55.4	-	45.2	46.8	51.3	-										
Wire Length/Ft	35		S/T	0.69	0.57	0.40	-	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.76	0.63	0.44	-										
Delay Fuse	15		AMPS	7.0	7.1	7.4	-	7.6	7.7	8.0	-	8.1	8.3	8.5	-	8.6	8.8	9.1	-	9.1	9.3	9.6	-										
Max. Fuse	15		HI PR	193	208	219	-	220	236	250	-	250	269	284	-	281	303	320	-	311	335	353	-										
Compressor	COPELAND		LO PR	57	61	66	-	59	63	69	-	62	66	73	-	65	70	76	-	68	72	79	-										
RLA	8	75	MBh	54.8	56.4	61.1	65.6	53.5	55.1	59.6	64.0	52.2	53.7	58.2	62.4	49.6	51.1	55.3	59.3	45.9	47.3	51.2	54.9										
LRA	63.0		S/T	0.78	0.70	0.53	0.34	0.80	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.86	0.77	0.58	0.38										
Cap MFD/V	NONE		AMPS	7.0	7.2	7.4	7.7	7.6	7.8	8.1	8.4	8.1	8.3	8.6	8.9	8.7	8.9	9.2	9.5	9.2	9.4	9.7	10.1										
CC Heater	NONE		HI PR	195	210	222	231	222	239	252	263	253	272	287	299	284	306	323	337	314	338	357	372										
Start Kit	NONE		LO PR	58	61	67	71	60	64	70	74	63	67	73	78	66	70	77	82	68	73	79	85										
Fan Motor-HP	1/3	80	MBh	55.8	57.0	60.9	65.1	54.5	55.6	59.5	63.6	53.1	54.3	58.0	62.0	50.5	51.6	55.1	58.9	46.8	47.8	51.0	54.6										
Type	PSC		S/T	0.85	0.80	0.65	0.49	0.88	0.82	0.67	0.50	0.90	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.95	0.89	0.72	0.54										
FLA	0.74		AMPS	7.1	7.3	7.5	7.8	7.7	7.9	8.1	8.4	8.2	8.4	8.7	9.0	8.7	9.0	9.3	9.6	9.3	9.5	9.8	10.2										
LRA	2.15		HI PR	197	212	224	234	224	241	255	266	255	275	290	302	287	309	326	340	317	341	360	376										
RPM	1100		LO PR	58	62	68	72	61	65	70	75	64	68	74	79	67	71	78	83	69	73	80	85										
Cap MFD/V	5 / 370	85	MBh	56.8	57.9	60.6	64.6	55.4	56.5	59.2	63.1	54.1	55.1	57.7	61.6	51.4	52.3	54.8	58.5	47.6	48.5	50.8	54.2										
Low Ambient	250 / 115 AR		S/T	0.90	0.86	0.78	0.63	0.92	0.89	0.80	0.65	0.95	0.91	0.83	0.67	0.98	0.95	0.86	0.69	0.99	0.96	0.86	0.70										
Hi Press	450		AMPS	7.1	7.3	7.6	7.8	7.8	8.0	8.2	8.5	8.3	8.5	8.8	9.1	8.8	9.0	9.3	9.7	9.4	9.6	9.9	10.3										
Low Press	5		HI PR	199	214	226	236	226	244	257	268	258	277	293	305	290	312	330	344	320	345	364	380										
Time Delay	NONE		LO PR	59	63	68	73	61	65	71	76	64	68	75	80	67	72	78	83	70	74	81	86										
Operating Chg (25 Ft Lines)*	(R-22Oz) 150	Calculated averaged performance data, for service applications for all matches.																															
Service Driers																				Part No:													
Liquid/Chg Suction	30CuIn/17oz 30Sqln	*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																		1082587													