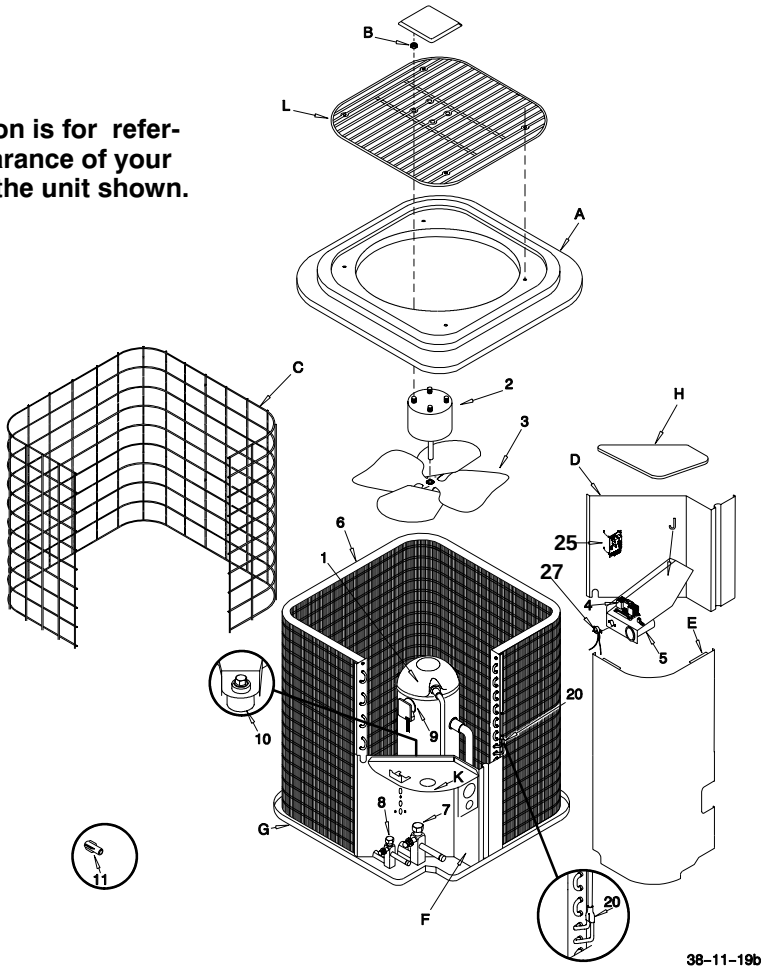
Replacement Parts, W/D & Tech Data
KAC018–036 Series

NOTE: This illustration is for reference only. The appearance of your unit may differ from the unit shown.



KEY NO.	DESCRIPTION	PART NUMBER	KAC018AKA1	KAC024AKA1	KAC030AKA1	KAC036AKA1
A	Panel, Top	1085983	1	1	1	1
B	Nut, Hex	1086356	4	4	4	4
C	Grille, Inlet	1086042	1	1	1	
C		1086058	-	-	-	1
D	Box, Control	1086046	1	1	1	1
E	Cover, Control Box	1086037	1	1	1	
E		1086213	-	-	-	1
F	Panel, Corner	1086043	1	1	1	
F		1086343	-	-	-	1
G	Panel, Base	1085982	1	1	1	1
H	Top, Control Box	1086045	1	1	1	1
J	Shelf, Control Box	1086363	1	1		
J		1086044	-	-	1	1
K	Bottom, Control Box	1086039	1	1	1	1
L	Grille, Top Discharge	1085984	1	1	1	1
)(	Jacket, Sound	1087027	1	1	1	1
)(	Manual, Parts List	42153320100	1	1	1	1
)(	Manual, Owners	42102300100	1	1	1	1
)(	Manual, Installation	42101320100	1	1	1	1

Replacement Parts – KAC018-036 Series

KEY NO.	DESCRIPTION	PART NUMBER	KAC018AKA1	KAC024AKA1	KAC030AKA1	KAC036AKA1
1	Compressor, With Plug Connection	ZR16KCPFV130	1			
1		ZR22KCPFV130	-	1		
1		ZR28KCPFV130	-	-	1	
1		ZR36KCPFV130	-	-	-	1
2	Motor, Condenser Fan	1086954	1	1		
2		1086954	-	-	1	1
3	Fan Blade	1085684	1	1		
3		1085958	-	-	1	1
4	Contactor, 25 Amp	1050699	1	1	1	1
5	Capacitor, 370 Volt. 5+30 Mfd	1086637	1			
5	370 Volt 5+35 Mfd	1086638	-	1		
5	440 Volt 5+35 Mfd	1086641	-	-	1	
5	440 Volt 5+40 Mfd	1086642	-	-	-	1
6	Condenser Coil	1086134	1	1		
6		1086178	-	-	1	
6		1086135	-	-	-	1
7	Service Valve (Suction)	1085991	1	1	1	1
8	Service Valve (Liquid)	1085989	1	1	1	1
9	Plug, Compressor Harness	1081938	1	1		
9		1081939	-	-	1	1
10	Grommet, Compressor	1052060	4	4	4	4
11	Restrictor, .051	1053110	1			
11	.057	1085975	-	1		
11	.065	1093424	-	-	1	
11	.073	1054027	-	-	-	1
20	Distributor	24305802	-	-	1	1
25	Control, Fan	1086071	1	1	1	1
27	Switch, Low Ambient	105036	1	1	1	1

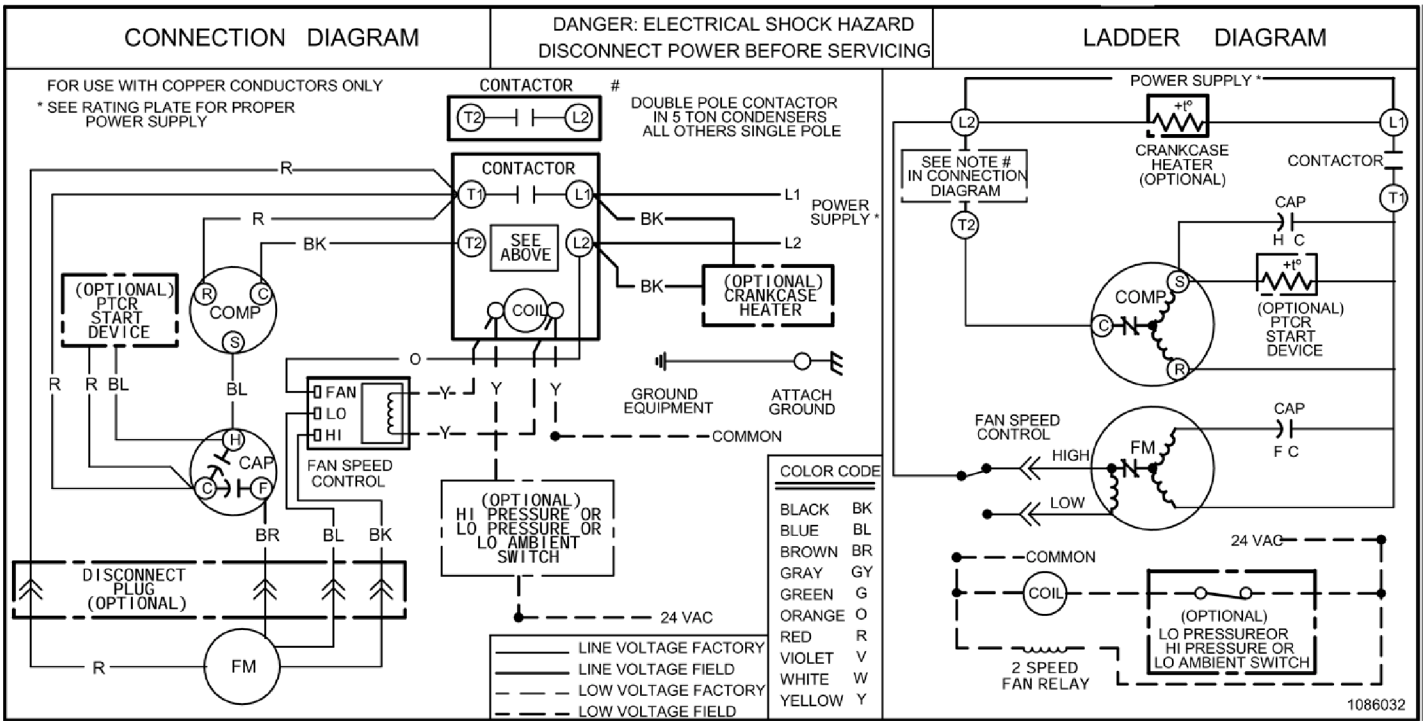
PISTON CHART

	COIL MODELS (1)																														
Outdoor Units (2)	EPA/D/M18 (51)	EPA/D/M24 (57)	EPA/D/M30 (65)	EPA/D/M36 (73)	EPA/D/M42 (78)	EPA/D/M48 (79)	EPA/D/M60 (92)	EPP024 (57)	EPP030 (65)	EPP036 (73)	EAH5524SA (57)	EAH5536SA (73)	EAH5548SA (79)	EAH5560SA (92)	EEA/D24 (55)	EEA/D30 (63)	EEA/D36 (67)	EEA/D42 (78)	EEA/D48 (79)	EEA/D60 (90)	EMH24 (57)	EMH30 (65)	EMH36 (73)	EMH42 (78)	EMH48 (79)	FCP24 (57)	FCP30 (65)	FCP36 (73)	FCP42 (78)	FCP48 (79)	FCP60 (92)
KAC018 (51)	51	51	51								51	51			51	51	51				51	51				51					
KAC024 (57)		57	57					57			57	57			57	57	57				57	57				57					
KAC030 (65)			65	65					65			65				65	65					65	65				65				
KAC036 (73)				73	73					73		73					73						73	73				73			

(1) - The number in parentheses with the coil model number is the size of the piston installed in the coil. The installer must change the pin to the size indicated in the chart if it is different from the factory installed pin.

(2) - The number in parentheses following the outdoor unit model number is the size of the piston shipped with the outdoor unit.

Note: If the required orifice is not shipped with the outdoor unit or coil it must be field supplied.



18,000 Btuh Units

Style No:	KAC018			Outdoor Ambient Temperature - Degrees F. Dry Bulb																			
Voltage	208/230			75				85				95				105				115			
Phase	1			Entering Indoor Temperature - Degrees F. Wet Bulb																			
Ampacity	11.9	IDB		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
Wire Ga	14		MBh	16.3	16.9	18.5	-	15.9	16.5	18.0	-	15.5	16.1	17.6	-	14.7	15.2	16.7	-	13.6	14.1	15.5	-
Wire Length/Ft	45		S/T	0.73	0.61	0.43	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-
Delay Fuse	15	70	AMPS	5.1	5.2	5.3	-	5.5	5.6	5.8	-	5.9	6.0	6.2	-	6.2	6.4	6.6	-	6.6	6.7	7.0	-
Max. Fuse	20		HI PR	166	178	188	-	189	203	214	-	215	231	244	-	242	260	275	-	267	287	303	-
Compressor	COPELAND		LO PR	60	63	69	-	62	66	72	-	65	69	75	-	68	72	79	-	70	75	82	-
RLA	9		MBh	16.5	17.0	18.4	19.8	16.1	16.6	18.0	19.3	15.8	16.2	17.6	18.8	15.0	15.4	16.7	17.9	13.9	14.3	15.4	16.6
LRA	42		S/T	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40
Cap MFD/V	30 / 370	75	AMPS	5.1	5.2	5.4	5.6	5.5	5.7	5.8	6.1	5.9	6.0	6.2	6.5	6.3	6.4	6.6	6.9	6.6	6.8	7.0	7.3
CC Heater	NONE		HI PR	167	180	190	198	190	205	216	226	217	233	247	257	244	263	277	289	270	290	306	320
Start Kit	NONE		LO PR	60	64	70	74	62	66	73	77	66	70	76	81	69	73	80	85	71	76	83	88
Fan Motor-HP	1/8		MBh	16.8	17.2	18.4	19.6	16.4	16.8	17.9	19.2	16.0	16.4	17.5	18.7	15.2	15.6	16.6	17.8	14.1	14.4	15.4	16.5
Type	PSC - 2 SPD		S/T	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58
FLA	0.66	80	AMPS	5.1	5.3	5.4	5.6	5.6	5.7	5.9	6.1	6.0	6.1	6.3	6.5	6.3	6.5	6.7	6.9	6.7	6.9	7.1	7.4
LRA	1.55		HI PR	169	182	192	200	192	207	219	228	219	236	249	260	247	265	280	292	272	293	310	323
MAX RPM	1075		LO PR	61	65	71	75	63	67	73	78	66	71	77	82	69	74	81	86	72	76	83	89
Cap MFD/V	3 / 370		MBh	17.1	17.5	18.3	19.5	16.7	17.0	17.8	19.0	16.3	16.6	17.4	18.6	15.5	15.8	16.5	17.6	14.4	14.6	15.3	16.3
PTCR	NONE		S/T	0.96	0.93	0.84	0.68	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75
Hi Press	NONE	85	AMPS	5.2	5.3	5.5	5.7	5.6	5.8	6.0	6.2	6.0	6.2	6.4	6.6	6.4	6.5	6.8	7.0	6.8	6.9	7.2	7.4
Low Ambient Sw	Yes		HI PR	171	184	194	202	194	209	221	230	221	238	251	262	249	268	283	295	275	296	313	326
Time Delay	NONE		LO PR	61	65	71	76	64	68	74	79	67	71	78	83	70	75	82	87	73	77	84	90
Operating Chg	(R-22Oz)	Calculated averaged performance data, for service applications for all matches.																					
(25 Ft Lines)*	60	For applications where rated performance data is required refer to the Expanded Ratings or Specification Sheet.																					
Service Driers																							
Liquid/Chg	5 CuIn/5oz																						
Suction	17SqIn	*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: 1087002

421 53 3201 00

24,000 Btuh Units

Style No:	KAC024			Outdoor Ambient Temperature - Degrees F. Dry Bulb																			
Voltage	208/230			75				85				95				105				115			
Phase	1			Entering Indoor Temperature - Degrees F. Wet Bulb																			
Ampacity	13.5	IDB		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
Wire Ga	14		MBh	21.7	22.5	24.7	-	21.2	22.0	24.1	-	20.7	21.5	23.5	-	19.7	20.4	22.3	-	18.2	18.9	20.7	-
Wire Length/Ft	35		S/T	0.73	0.61	0.43	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-
Delay Fuse	20	70	AMPS	7.0	7.2	7.4	-	7.6	7.8	8.1	-	8.2	8.4	8.6	-	8.7	8.9	9.2	-	9.2	9.4	9.8	-
Max. Fuse	20		HI PR	184	198	210	-	210	226	238	-	239	257	271	-	269	289	305	-	297	320	337	-
Compressor	COPELAND		LO PR	63	67	74	-	66	70	77	-	69	74	80	-	73	77	84	-	75	80	87	-
RLA	10.3		MBh	22.1	22.8	24.6	26.4	21.6	22.2	24.1	25.8	21.1	21.7	23.5	25.2	20.0	20.6	22.3	23.9	18.5	19.1	20.7	22.2
LRA	54		S/T	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40
Cap MFD/V	35 / 370	75	AMPS	7.1	7.3	7.5	7.8	7.7	7.9	8.1	8.5	8.2	8.4	8.7	9.1	8.8	9.0	9.3	9.6	9.3	9.5	9.8	10.2
CC Heater	NONE		HI PR	186	200	212	221	212	228	241	251	241	260	274	286	271	292	309	322	300	323	341	356
Start Kit	NONE		LO PR	64	68	74	79	67	71	77	82	70	74	81	86	73	78	85	91	76	81	88	94
Fan Motor-HP	1/8		MBh	22.5	23.0	24.6	26.3	22.0	22.4	24.0	25.6	21.4	21.9	23.4	25.0	20.4	20.8	22.2	23.8	18.9	19.3	20.6	22.0
Type	PSC - 2 SPD		S/T	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58
FLA	0.66	80	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	9.1	9.4	9.7	9.4	9.6	9.9	10.3
LRA	1.55		HI PR	188	203	214	223	214	230	243	254	244	262	277	289	274	295	312	325	303	326	344	359
MAX RPM	1075		LO PR	65	69	75	80	67	72	78	83	71	75	82	87	74	79	86	92	77	81	89	95
Cap MFD/V	3 / 370		MBh	22.9	23.3	24.4	26.1	22.4	22.8	23.9	25.5	21.8	22.2	23.3	24.8	20.7	21.1	22.1	23.6	19.2	19.6	20.5	21.9
PTCR	NONE		S/T	0.96	0.93	0.84	0.68	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75
Hi Press	NONE	85	AMPS	7.2	7.4	7.6	7.9	7.8	8.0	8.3	8.6	8.4	8.6	8.9	9.2	8.9	9.2	9.5	9.8	9.5	9.7	10.0	10.4
Low Ambient Sw	Yes		HI PR	190	205	216	225	216	233	246	256	246	265	280	292	277	298	315	328	306	329	348	363
Time Delay	NONE		LO PR	65	69	76	81	68	72	79	84	71	76	83	88	75	80	87	92	77	82	90	96
Operating Chg	(R-22Oz)	Calculated averaged performance data, for service applications for all matches.																					
(25 Ft Lines)*	69	For applications where rated performance data is required refer to the Expanded Ratings or Specification Sheet.																					
Service Driers																				Part No:			
Liquid/Chg	8 Ouln/7oz																			1087003			
Suction	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																					

30,000 Btuh Units

Style No:	KAC030			Outdoor Ambient Temperature - Degrees F. Dry Bulb																			
Voltage	208/230			75				85				95				105				115			
Phase	1			Entering Indoor Temperature - Degrees F. Wet Bulb																			
Ampacity	18.9	IDB		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
Wire Ga	14		MBh	26.6	27.5	30.2	-	25.9	26.9	29.5	-	25.3	26.2	28.7	-	24.0	24.9	27.3	-	22.3	23.1	25.3	-
Wire Length/Ft	25		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	-
Delay Fuse	25	70	AMPS	9.6	9.8	10.1	-	10.4	10.7	11.0	-	11.1	11.4	11.8	-	11.8	12.1	12.5	-	12.5	12.9	13.3	-
Max. Fuse	30		HI PR	175	188	199	-	199	214	226	-	227	244	258	-	255	275	290	-	282	303	320	-
Compressor	COPELAND		LO PR	60	63	69	-	62	66	72	-	65	69	75	-	68	72	79	-	70	75	82	-
RLA	14.1		MBh	27.0	27.8	30.1	32.3	26.4	27.2	29.4	31.6	25.7	26.5	28.7	30.8	24.5	25.2	27.3	29.2	22.7	23.3	25.2	27.1
LRA	73		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
Cap MFD/V	35 / 440	75	AMPS	9.7	9.9	10.2	10.6	10.5	10.8	11.1	11.5	11.2	11.5	11.9	12.3	12.0	12.2	12.7	13.1	12.7	13.0	13.4	13.9
CC Heater	NONE		HI PR	177	190	201	210	201	216	229	238	229	247	260	272	258	277	293	306	285	306	324	338
Start Kit	NONE		LO PR	60	64	70	74	62	66	73	77	66	70	76	81	69	73	80	85	71	76	83	88
Fan Motor-HP	1/5		MBh	27.5	28.1	30.0	32.1	26.9	27.4	29.3	31.3	26.2	26.8	28.6	30.6	24.9	25.4	27.2	29.0	23.1	23.6	25.2	26.9
Type	PSC - 2 SPD		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
FLA	1.3	80	AMPS	9.8	10.0	10.3	10.7	10.6	10.9	11.2	11.6	11.3	11.6	12.0	12.5	12.1	12.4	12.8	13.3	12.8	13.1	13.5	14.1
LRA	2.33		HI PR	179	192	203	212	203	219	231	241	231	249	263	274	260	280	296	309	288	310	327	341
MAX RPM	1075		LO PR	61	65	71	75	63	67	73	78	66	71	77	82	69	74	81	86	72	76	83	89
Cap MFD/V	3 / 370		MBh	28.0	28.5	29.9	31.9	27.3	27.9	29.2	31.1	26.7	27.2	28.5	30.4	25.3	25.8	27.0	28.8	23.5	23.9	25.0	26.7
PTCR	NONE		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
Hi Press	NONE	85	AMPS	9.8	10.1	10.4	10.8	10.7	11.0	11.3	11.8	11.4	11.7	12.1	12.6	12.2	12.5	12.9	13.4	12.9	13.2	13.7	14.2
Low Ambient Sw	Yes		HI PR	180	194	205	214	205	221	233	243	234	252	266	277	263	283	299	312	291	313	330	344
Time Delay	NONE		LO PR	61	65	71	76	64	68	74	79	67	71	78	83	70	75	82	87	73	77	84	90
Operating Chg	(R-22Oz)	Calculated averaged performance data, for service applications for all matches.																					
(25 Ft Lines)*	74	For applications where rated performance data is required refer to the Expanded Ratings or Specification Sheet.																					
Service Driers																				Part No:			
Liquid/Chg	8 Ouln/7oz																			1087004			
Suction	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																					

36,000 Btuh Units

Style No:	KAC036			Outdoor Ambient Temperature - Degrees F. Dry Bulb																			
Voltage	208/230			75				85				95				105				115			
Phase	1			Entering Indoor Temperature - Degrees F. Wet Bulb																			
Ampacity	21.3	IDB		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
Wire Ga	12		MBh	32.7	33.9	37.1	-	31.9	33.1	36.3	-	31.2	32.3	35.4	-	29.6	30.7	33.6	-	27.4	28.4	31.1	-
Wire Length/Ft	30		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	-
Delay Fuse	30	70	AMPS	13.4	13.7	14.2	-	14.6	15.0	15.5	-	15.6	16.0	16.6	-	16.7	17.1	17.7	-	17.7	18.1	18.8	-
Max. Fuse	35		HI PR	193	208	219	-	220	236	250	-	250	269	284	-	281	303	320	-	311	335	353	-
Compressor	COPELAND		LO PR	60	64	70	-	63	67	73	-	66	70	76	-	69	73	80	-	71	76	83	-
RLA	16		MBh	33.3	34.2	37.1	39.8	32.5	33.4	36.2	38.8	31.7	32.6	35.3	37.9	30.1	31.0	33.5	36.0	27.9	28.7	31.1	33.3
LRA	100		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
Cap MFD/V	40 / 440	75	AMPS	13.5	13.9	14.3	14.9	14.7	15.1	15.6	16.2	15.8	16.2	16.7	17.4	16.8	17.3	17.9	18.6	17.9	18.3	19.0	19.7
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	61	65	71	75	63	67	74	78	66	71	77	82	70	74	81	86	72	77	84	89
Fan Motor-HP	1/5		MBh	33.9	34.6	37.0	39.5	33.0	33.8	36.1	38.6	32.2	32.9	35.2	37.6	30.6	31.3	33.4	35.7	28.4	29.0	31.0	33.1
Type	PSC - 2 SPD		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
FLA	1.3	80	AMPS	13.6	14.0	14.5	15.0	14.9	15.2	15.8	16.4	15.9	16.3	16.9	17.6	17.0	17.4	18.0	18.7	18.0	18.5	19.1	19.9
LRA	2.33		HI PR	197	212	224	234	224	241	255	266	255	275	290	302	287	309	326	340	317	341	360	376
MAX RPM	1075		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	3 / 370		MBh	34.4	35.1	36.8	39.2	33.6	34.3	35.9	38.3	32.8	33.4	35.0	37.4	31.2	31.8	33.3	35.5	28.9	29.4	30.8	32.9
PTCR	NONE		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
Hi Press	NONE	85	AMPS	13.8	14.1	14.6	15.2	15.0	15.4	15.9	16.5	16.1	16.5	17.1	17.7	17.2	17.6	18.2	18.9	18.2	18.7	19.3	20.1
Low Ambient Sw	Yes		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	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	78	85	91
Operating Chg	(R-22Oz)	Calculated averaged performance data, for service applications for all matches.																					
(25 Ft Lines)*	80	For applications where rated performance data is required refer to the Expanded Ratings or Specification Sheet.																					
Service Driers																				Part No:			
Liquid/Chg	16 Quln/11oz																			1087005			
Suction	30SqIn	*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																					