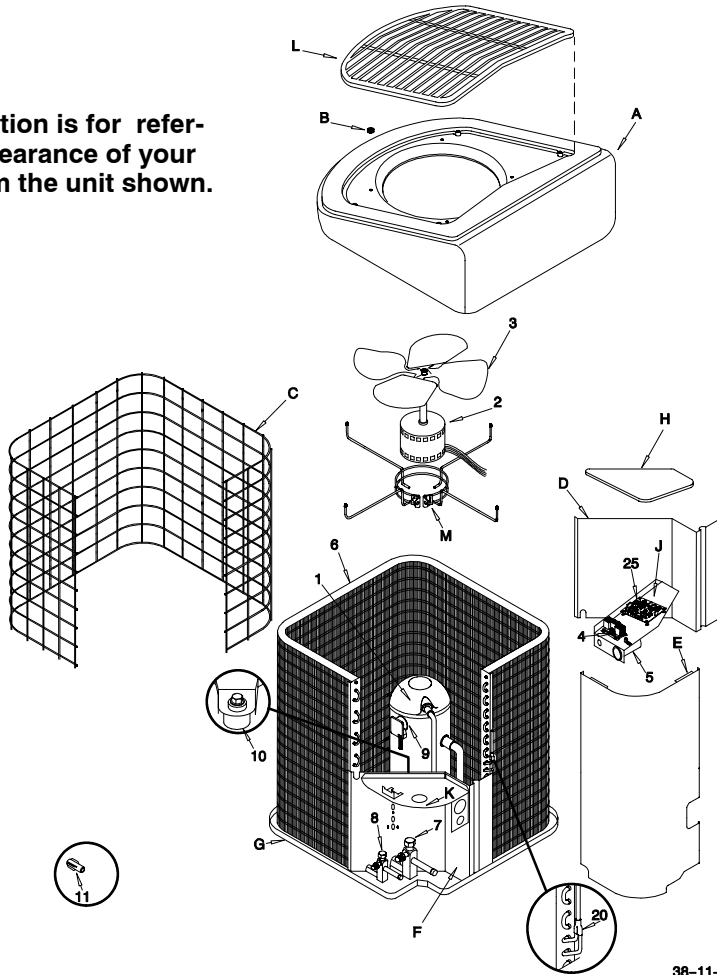


Replacement Parts, W/D & Tech Data TCA018-060 Series

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



38-11-19a

KEY NO.	DESCRIPTION	PART NUMBER									
			TCA018AKA1	TCA024AKA1	TCA030AKA1	TCA036AKA1	TCA042AKA1	TCA048AKA1	TCA060AKA1	TCA060AKA2	TCA060AKA3
A	Panel, Top	1085985	1	1	1	1	1	1	1	1	1
A		1086063	-	-	-	-	-	-	-	-	-
B	Nut, Lock	1086038	4	4	4	4	4	4	4	4	4
C	Grille, Inlet	1086036	1	1	1	-	-	-	-	-	-
C		1086056	-	-	-	1	-	-	-	-	-
C		1086057	-	-	-	-	1	-	-	-	-
C		1086225	-	-	-	-	-	*	-	-	-
C		1086226	-	-	-	-	-	-	1	1	1
D	Box, Control	1086046	1	1	1	1	1	1	1	1	1
E	Cover, Control Box	1086037	1	1	1	-	-	-	-	-	-
E		1086213	-	-	-	1	-	-	-	-	-
E		1086214	-	-	-	-	1	-	-	-	-
E		1086215	-	-	-	-	-	1	-	-	-
E		1086216	-	-	-	-	-	-	1	1	1
F	Panel, Corner	1086043	1	1	1	-	-	-	-	-	-
F		1086343	-	-	-	1	-	-	-	-	-
F		1086347	-	-	-	-	1	-	-	-	-
F		1086345	-	-	-	-	-	1	-	-	-
F		1086346	-	-	-	-	-	-	1	1	1
G	Panel, Base	1085982	1	1	1	1	1	1	1	1	1
G		1086041	-	-	-	-	-	1	1	1	1
H	Top, Control Box	1086045	1	1	1	1	1	1	1	1	1
J	Shelf, Control Box	1086363	1	1	-	-	-	-	1	1	1
J		1086044	-	-	1	1	1	-	-	-	-
J		1086363	-	-	-	-	-	1	-	-	-
K	Bottom, Control Box	1086039	1	1	1	1	1	1	1	1	1
L	Grille, Top Discharge	1085993	1	1	1	1	1	-	-	-	-
L		1086065	-	-	-	-	-	1	1	1	1
M	Mount, Motor	1087015	1	1	1	1	1	-	1	1	1
M		1086068	-	-	-	-	-	1	1	1	1
X	Manual, Parts List	42123320101	1	1	1	1	1	1	1	1	1
X	Manual, Owners	42102300100	1	1	1	1	1	1	1	1	1
X	Manual, Installation	42101320100	1	1	1	1	1	1	1	1	1

Replacement Parts - TCA018-060 Series

KEY NO.	DESCRIPTION	PART NUMBER	TCA018AKA1	TCA024AKA1	TCA030AKA1	TCA036AKA1	TCA042AKA1	TCA048AKA1	TCA060AKA1	TCA060AKA2	TCA060AKA3
1	Compressor, ZR16KCPFV	1080975	1								
1	ZR22KCPFV	1082504	-	1							
1	ZR28KCPFV	1082500	-	-	1						
1	ZR36KCPFV	1082501	-	-	-	1					
1	ZR42KCPFV	1082502	-	-	-	-	1				
1	ZR45KCPFV	1082503	-	-	-	-	-	1			
1	ZR61KCPFV	**ZR61KCPFV-133	-	-	-	-	-	-	1	1	1
2	Motor, Condenser Fan	1086398	1	1							
2		1086399	-	-	1	1	1				
2		1086402	-	-	-	-	-	1	1	1	1
3	Fan Blade	1086405	1	1							
3		1086406	-	-	1	1	1				
3		1086407	-	-	-	-	-	1	1	1	1
4	Contact, 25 Amp	1050699	1	1	1	1					
4	35 Amp	1050839	-	-	-	-	1	1			
4	40 Amp	1059574	-	-	-	-	-	-	1	1	1
5	Capacitor, 370 Volt, 3+30 Mfd	1086677	1								
5	370 Volt 3+35 Mfd	1086678	-	1							
5	440 Volt 5+35 Mfd	1086641	-	-	1						
5	440 Volt 5+40 Mfd	1086642	-	-	-	1	1				
5	370 Volt 5+40 Mfd	1086639	-	-	-	-	-	1			
5	370 Volt 5+60 Mfd	1086645	-	-	-	-	-	-	1		
5	370 Volt 5+80 Mfd	1086648	-	-	-	-	-	-	-	1	
5	370 Volt 5+70 Mfd	***1087950	-	-	-	-	-	-	-	-	1
6	Condenser Coil	1086134	1	1							
6		1086178	-	-	1						
6		1086135	-	-	-	1					
6		1086198	-	-	-	-	1				
6		1086199	-	-	-	-	-	1			
6		1086200	-	-	-	-	-	-	1	1	1
7	Service Valve (Suction)	1085991	1	1	1	1					
7		1086739	-	-	-	-	1				
7		1085988	-	-	-	-	-	1	1	1	1
8	Service Valve (Liquid)	1085989	1	1	1	1	1	1	1	1	1
9	Plug, Compressor Harness	1081938	1	1							
9		1081939	-	-	1	1	1				
9		1081940	-	-	-	-	-	1	1	1	1
10	Grommet, Compressor	1052060	4	4	4	4	4	4	4	4	4
11	Restrictor, .051	1053110	1								
11	.057	1085975	-	1							
11	.065	1093424	-	-	1						
11	.073	1054027	-	-	-	1					
11	.078	1053112	-	-	-	-	1				
11	.079	1053661	-	-	-	-	-	1			
11	.092	1053712	-	-	-	-	-	-	1	1	1
20	Distributor	24305802	-	-	1	1	1				
20		24311501	-	-	-	-	-	1	1	1	1
25	Control, Fan	1086071	1	1	1	1	1	1	1	1	1

**ZR61KCPFV133 Replacement on all 5 ton

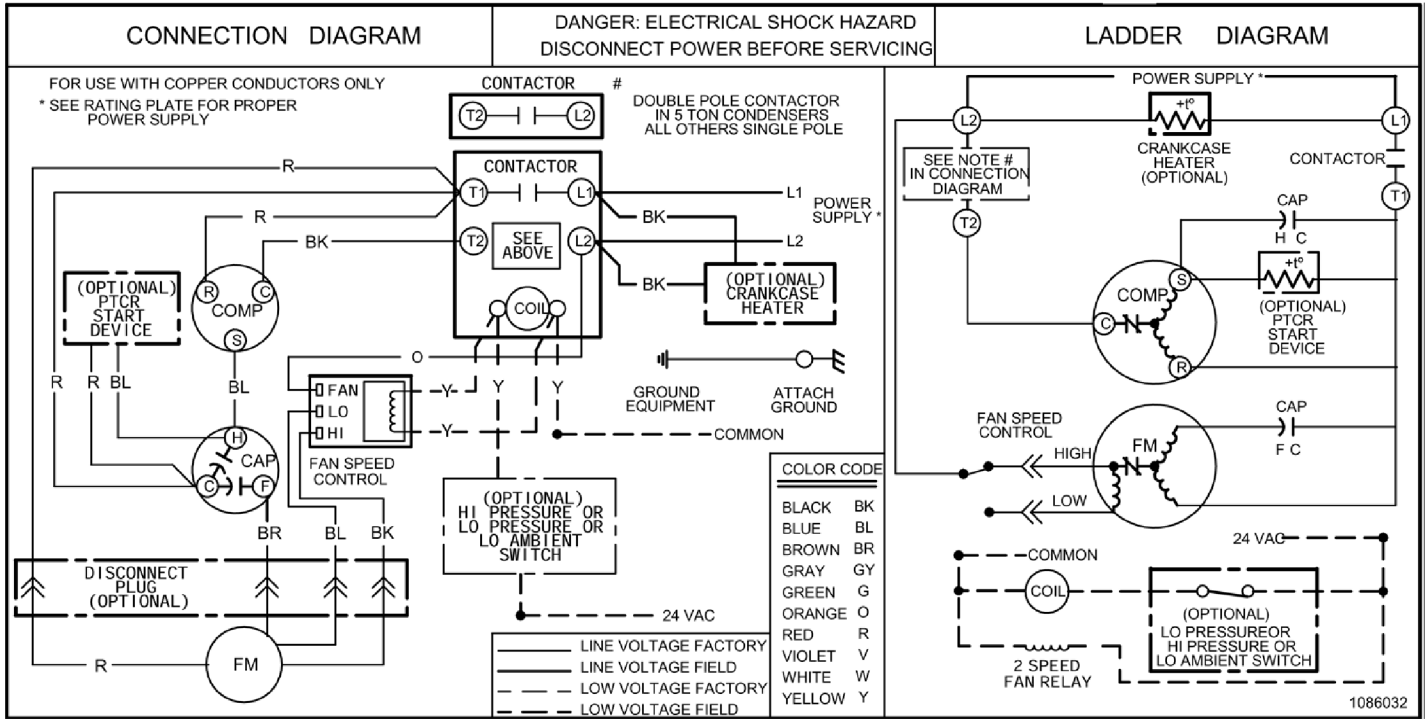
***1087950 Cap must be used with compressor change for A1 and A2 models

PISTON CHART																																		
Outdoor Units (2)	COIL MODELS (1)																																	
	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)			
TCA018 (51)	51	51	51								51	51			51	51	51					51	51											
TCA024 (57)		57	57				57				57	57			57	57	57					57	57					57						
TCA030 (65)			65	65					65			65				65	65							65	65				65					
TCA036 (73)				73	73					73		73					73								73	73				73				
TCA042 (78)					78	79							79						78							78	79				78			
TCA048 (79)						79	79						79	79							79						79					79		
TCA060 (92)							92							92								92											92	

(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:	TCA018	Outdoor Ambient Temperature - Degrees F. Dry Bulb																					
		75				85				95				105				115					
		Entering Indoor Temperature - Degrees F. Wet Bulb																					
Voltage	208/230	IDB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
Phase	1		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	-
Ampacity	11.9	70	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	-
Wire Ga	14		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	-
Wire Length/Ft	45	75	HI PR	166	178	188	-	189	203	214	-	215	231	244	-	242	260	275	-	267	287	303	-
Delay Fuse	15		LO PR	60	63	69	-	62	66	72	-	65	69	75	-	68	72	79	-	70	75	82	-
Max. Fuse	20	80	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
Compressor	COPELAND		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
RLA	9	85	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
LRA	42		HI PR	167	180	190	198	190	205	216	226	217	233	247	257	244	263	277	289	270	290	306	320
Cap MFD/V	30 / 370	90	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		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
Start Kit	NONE	95	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
Fan Motor-HP	1/8		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
Type	PSC - 2 SPD	100	HI PR	171	184	194	202	194	209	221	230	221	238	251	262	249	268	283	295	275	296	313	326
FLA	0.66		LO PR	61	65	71	75	64	68	74	79	67	71	78	83	70	75	82	87	73	77	84	90
LRA	1.55	105	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
MAX RPM	1075		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
Cap MFD/V	3 / 370	110	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
PTCR	NONE		HI PR	171	184	194	202	194	209	221	230	221	238	251	262	249	268	283	295	275	296	313	326
Hi Press	NONE	115	LO PR	61	65	71	76	64	68	74	79	67	71	78	83	70	75	82	87	73	77	84	90
Low Press	NONE		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
Time Delay	NONE	120	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
Operating Chg (25 Ft Lines)*	(R-22Oz) 60		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
Service Driers		130	HI PR	171	184	194	202	194	209	221	230	221	238	251	262	249	268	283	295	275	296	313	326
Liquid/Chg	5 Culi/5oz		LO PR	61	65	71	76	64	68	74	79	67	71	78	83	70	75	82	87	73	77	84	90
Suction	17Sqln	<p>Calculated averaged performance data, for service applications for all matches.</p> <p>For applications where rated performance data is required refer to the Expanded Ratings or Specification Sheet.</p>																					
																				Part No:	1086497		
		*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																					

24,000 Btuh Units

Style No:	TCA024		Outdoor Ambient Temperature - Degrees F. Dry Bulb																				
Voltage	208/230	IDB	75				85				95				105				115				
Phase	1		Entering Indoor Temperature - Degrees F. Wet Bulb																				
Ampacity	13.5		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
Wire Ga	14	70	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		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	75	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		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	80	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	85	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	85	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		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 Press	NONE		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 (25 Ft Lines)*	(R-22Oz) 69	Calculated averaged performance data, for service applications for all matches. For applications where rated performance data is required refer to the Expanded Ratings or Specification Sheet.																					
Service Driers																				Part No:			
Liquid/Chg	8 CuIn/7oz																			1086498			
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																					

30,000 Btuh Units

Style No:	TCA030		Outdoor Ambient Temperature - Degrees F. Dry Bulb																				
Voltage	208/230	IDB	75				85				95				105				115				
Phase	1		Entering Indoor Temperature - Degrees F. Wet Bulb																				
Ampacity	18.9		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
Wire Ga	14	70	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		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	75	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		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	80	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	85	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	85	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		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 Press	NONE		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 (25 Ft Lines)*	(R-22Oz) 74	Calculated averaged performance data, for service applications for all matches. For applications where rated performance data is required refer to the Expanded Ratings or Specification Sheet.																					
Service Driers																				Part No:			
Liquid/Chg	8 CuIn/7oz																			1086499			
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																					

36,000 Btuh Units

Style No:	TCA036		Outdoor Ambient Temperature - Degrees F. Dry Bulb																				
			75				85				95				105				115				
Voltage	208/230		Entering Indoor Temperature - Degrees F. Wet Bulb																				
Phase	1		IDB																				
Ampacity	21.3		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		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		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		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		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 Press	NONE		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 (25 Ft Lines)*	(R-22Oz)	80	Calculated averaged performance data, for service applications for all matches. For applications where rated performance data is required refer to the Expanded Ratings or Specification Sheet.																				
Service Driers			Part No: 1086500																				
Liquid/Chg	16 CuIn/11oz																						
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																				

42,000 Btuh Units

Style No:	TCA042		Outdoor Ambient Temperature - Degrees F. Dry Bulb																				
			75				85				95				105				115				
Voltage	208/230		Entering Indoor Temperature - Degrees F. Wet Bulb																				
Phase	1		IDB																				
Ampacity	24.5		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
Wire Ga	12		MBh	39.0	40.5	44.3	-	38.1	39.5	43.3	-	37.2	38.5	42.2	-	35.3	36.6	40.1	-	32.7	33.9	37.1	-
Wire Length/Ft	25		S/T	0.70	0.59	0.41	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.78	0.65	0.45	-
Delay Fuse	30		AMPS	16.7	17.1	17.7	-	18.2	18.7	19.3	-	19.5	20.0	20.7	-	20.8	21.3	22.1	-	22.1	22.7	23.4	-
Max. Fuse	40		HI PR	192	206	218	-	218	235	248	-	248	267	282	-	279	301	318	-	309	332	351	-
Compressor	COPELAND		LO PR	62	66	72	-	64	68	75	-	68	72	78	-	71	75	82	-	73	78	85	-
RLA	18.6		MBh	39.7	40.9	44.2	47.5	38.7	39.9	43.2	46.3	37.8	38.9	42.1	45.2	35.9	37.0	40.0	43.0	33.3	34.2	37.1	39.8
LRA	127		S/T	0.80	0.72	0.54	0.35	0.82	0.73	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.89	0.79	0.60	0.39
Cap MFD/V	40 / 440		AMPS	16.9	17.3	17.9	18.6	18.4	18.8	19.5	20.3	19.7	20.2	20.9	21.7	21.0	21.5	22.3	23.2	22.3	22.9	23.7	24.6
CC Heater	NONE		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	73	77	65	69	75	80	68	73	79	84	71	76	83	88	74	79	86	91
Fan Motor-HP	1/5		MBh	40.4	41.3	44.1	47.1	39.4	40.3	43.1	46.0	38.5	39.3	42.0	44.9	36.5	37.3	39.9	42.7	33.9	34.6	37.0	39.5
Type	PSC - 2 SPD		S/T	0.88	0.82	0.67	0.50	0.90	0.85	0.69	0.51	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	0.97	0.91	0.74	0.56
FLA	1.3		AMPS	17.0	17.4	18.0	18.8	18.6	19.0	19.7	20.5	19.9	20.4	21.1	21.9	21.2	21.8	22.5	23.4	22.5	23.1	23.9	24.9
LRA	2.33		HI PR	196	211	222	232	223	239	253	264	253	273	288	300	285	307	324	338	315	339	358	373
MAX RPM	1075		LO PR	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	89	75	79	87	92
Cap MFD/V	3 / 370		MBh	41.1	41.9	43.9	46.8	40.1	40.9	42.8	45.7	39.1	39.9	41.8	44.6	37.2	37.9	39.7	42.4	34.4	35.1	36.8	39.2
PTCR	NONE		S/T	0.92	0.89	0.80	0.65	0.94	0.91	0.82	0.67	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	0.98	0.89	0.72
Hi Press	NONE		AMPS	17.2	17.6	18.2	18.9	18.7	19.2	19.9	20.7	20.1	20.6	21.3	22.1	21.4	22.0	22.7	23.6	22.7	23.3	24.1	25.1
Low Press	NONE		HI PR	198	213	225	234	225	242	255	266	256	275	291	303	288	310	327	341	318	342	362	377
Time Delay	NONE		LO PR	64	68	74	79	66	70	77	82	70	74	81	86	73	78	85	90	75	80	88	93
Operating Chg (25 Ft Lines)*	(R-22Oz)	98	Calculated averaged performance data, for service applications for all matches. For applications where rated performance data is required refer to the Expanded Ratings or Specification Sheet.																				
Service Driers			Part No: 1086501																				
Liquid/Chg	16 CuIn/11oz																						
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																				

48,000 Btuh Units

Style No:	TCA048	Outdoor Ambient Temperature - Degrees F. Dry Bulb																					
		75				85				95				105				115					
		Entering Indoor Temperature - Degrees F. Wet Bulb																					
Voltage	208/230	IDB	59 63 67 71				59 63 67 71				59 63 67 71				59 63 67 71				59 63 67 71				
Phase	1																						
Ampacity	29.1																						
Wire Ga	10	70	MBh	43.7	45.3	49.6	-	42.6	44.2	48.4	-	41.6	43.1	47.2	-	39.5	41.0	44.9	-	36.6	37.9	41.6	-
Wire Length/Ft	40		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	35		AMPS	16.9	17.3	17.9	-	18.4	18.9	19.5	-	19.7	20.2	20.9	-	21.0	21.5	22.3	-	22.3	22.9	23.6	-
Max. Fuse	50		HI PR	190	204	216	-	216	232	245	-	246	264	279	-	277	298	314	-	306	329	347	-
			LO PR	61	65	71	-	63	68	74	-	67	71	77	-	70	74	81	-	72	77	84	-
Compressor	COPELAND	75	MBh	44.4	45.7	49.5	53.1	43.4	44.6	48.3	51.9	42.3	43.6	47.1	50.6	40.2	41.4	44.8	48.1	37.2	38.3	41.5	44.5
RLA	21.8		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
LRA	131		AMPS	17.1	17.5	18.1	18.8	18.6	19.1	19.7	20.5	19.9	20.4	21.1	21.9	21.2	21.7	22.5	23.4	22.5	23.1	23.9	24.8
Cap MFD/V	40 / 370		HI PR	192	206	218	227	218	235	248	258	248	267	282	294	279	301	317	331	309	332	351	366
CC Heater	NONE		LO PR	62	66	72	76	64	68	74	79	67	72	78	83	71	75	82	87	73	78	85	90
Start Kit	NONE	80	MBh	45.2	46.2	49.4	52.8	44.1	45.1	48.2	51.5	43.1	44.0	47.0	50.2	40.9	41.8	44.7	47.7	37.9	38.7	41.4	44.2
Fan Motor-HP	1/3		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
Type	PSC - 2 SPD		AMPS	17.2	17.7	18.3	19.0	18.8	19.2	19.9	20.7	20.1	20.6	21.3	22.1	21.4	22.0	22.7	23.6	22.7	23.3	24.1	25.0
FLA	1.9		HI PR	194	208	220	229	220	237	250	261	251	270	285	297	282	304	321	334	312	335	354	369
LRA	3.7		LO PR	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	78	86	91
MAX RPM	1075	85	MBh	46.0	46.9	49.1	52.4	44.9	45.8	47.9	51.1	43.8	44.7	46.8	49.9	41.6	42.4	44.4	47.4	38.5	39.3	41.2	43.9
Cap MFD/V	5 / 370		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
PTCR	NONE		AMPS	17.4	17.8	18.4	19.1	18.9	19.4	20.1	20.9	20.3	20.8	21.5	22.3	21.6	22.2	22.9	23.8	22.9	23.5	24.3	25.3
Hi Press	NONE		HI PR	196	210	222	232	222	239	253	264	253	273	288	300	285	307	324	338	315	339	358	373
Low Press	NONE		LO PR	63	67	73	78	65	70	76	81	69	73	80	85	72	77	84	89	74	79	86	92
Time Delay	NONE																						
Operating Chg (25 Ft Lines)*	(R-22Oz) 123	Calculated averaged performance data, for service applications for all matches. For applications where rated performance data is required refer to the Expanded Ratings or Specification Sheet.																					
Service Driers																				Part No:			
Liquid/Chg	30 Culn/17oz																			1086502			
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																					

60,000 Btuh Units

Style No:	TCA060	Outdoor Ambient Temperature - Degrees F. Dry Bulb																					
		75				85				95				105				115					
		Entering Indoor Temperature - Degrees F. Wet Bulb																					
Voltage	208/230	IDB	59 63 67 71				59 63 67 71				59 63 67 71				59 63 67 71				59 63 67 71				
Phase	1																						
Ampacity	35.7																						
Wire Ga	8	70	MBh	54.4	56.3	61.7	-	53.1	55.0	60.3	-	51.8	53.7	58.8	-	49.2	51.0	55.9	-	45.6	47.2	51.7	-
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	45		AMPS	23.9	24.5	25.4	-	26.1	26.7	27.6	-	27.9	28.6	29.6	-	29.8	30.5	31.6	-	31.6	32.4	33.5	-
Max. Fuse	60		HI PR	204	219	232	-	232	249	263	-	264	284	300	-	297	319	337	-	328	353	373	-
			LO PR	58	62	67	-	60	64	70	-	63	67	74	-	66	71	77	-	69	73	80	-
Compressor	COPELAND	75	MBh	55.3	56.9	61.6	66.1	54.0	55.6	60.1	64.5	52.7	54.2	58.7	63.0	50.0	51.5	55.7	59.8	46.3	47.7	51.6	55.4
RLA	27.1		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
LRA	144		AMPS	24.2	24.8	25.6	26.6	26.3	27.0	27.9	29.0	28.2	28.9	29.9	31.1	30.1	30.8	31.9	33.2	31.9	32.7	33.9	35.2
Cap MFD/V	** / 370		HI PR	206	221	234	244	234	252	266	277	267	287	303	316	300	323	341	355	331	357	377	393
CC Heater	NONE		LO PR	59	62	68	72	61	65	71	75	64	68	74	79	67	71	78	83	69	74	80	86
Start Kit	NONE	80	MBh	56.3	57.5	61.4	65.7	54.9	56.1	60.0	64.1	53.6	54.8	58.5	62.5	50.9	52.0	55.6	59.4	47.2	48.2	51.5	55.0
Fan Motor-HP	1/3		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
Type	PSC - 2 SPD		AMPS	24.4	25.0	25.9	26.9	26.6	27.2	28.2	29.3	28.5	29.2	30.2	31.4	30.4	31.1	32.2	33.5	32.2	33.1	34.2	35.5
FLA	1.9		HI PR	208	224	236	246	236	254	269	280	269	290	306	319	303	326	344	359	335	360	380	397
LRA	3.7		LO PR	59	63	69	73	61	65	71	76	65	69	75	80	68	72	79	84	70	74	81	87
MAX RPM	1075	85	MBh	57.2	58.4	61.1	65.2	55.9	57.0	59.7	63.7	54.5	55.6	58.2	62.1	51.8	52.8	55.3	59.0	48.0	48.9	51.2	54.6
Cap MFD/V	5 / 370		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
PTCR	NONE		AMPS	24.6	25.2	26.1	27.1	26.8	27.5	28.5	29.6	28.7	29.5	30.5	31.7	30.7	31.4	32.5	33.8	32.5	33.4	34.5	35.9
Hi Press	NONE		HI PR	210	226	239	249	239	257	271	283	272	293	309	322	306	329	348	363	338	364	384	401
Low Press	NONE		LO PR	60	64	69	74	62	66	72	77	65	69	76	81	68	73	79	85	71	75	82	87
Time Delay	NONE																						
Operating Chg (25 Ft Lines)*	(R-22Oz) 131	Calculated averaged performance data, for service applications for all matches. For applications where rated performance data is required refer to the Expanded Ratings or Specification Sheet.																					
Service Driers																				Part No:			
Liquid/Chg	30 Culn/17oz	** 60 on A1, 80 on A2, 70 on A3 models and A1 and A2 when compressor changed																		1087999			
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																					