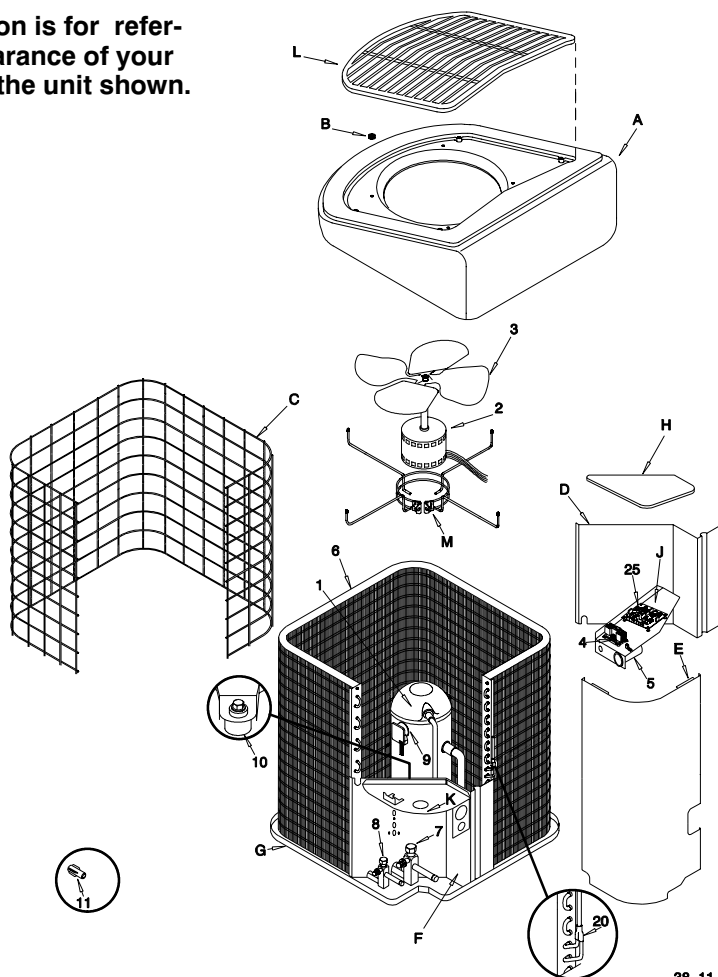


Replacement Parts, W/D & Tech Data

TCA418-460 Series

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

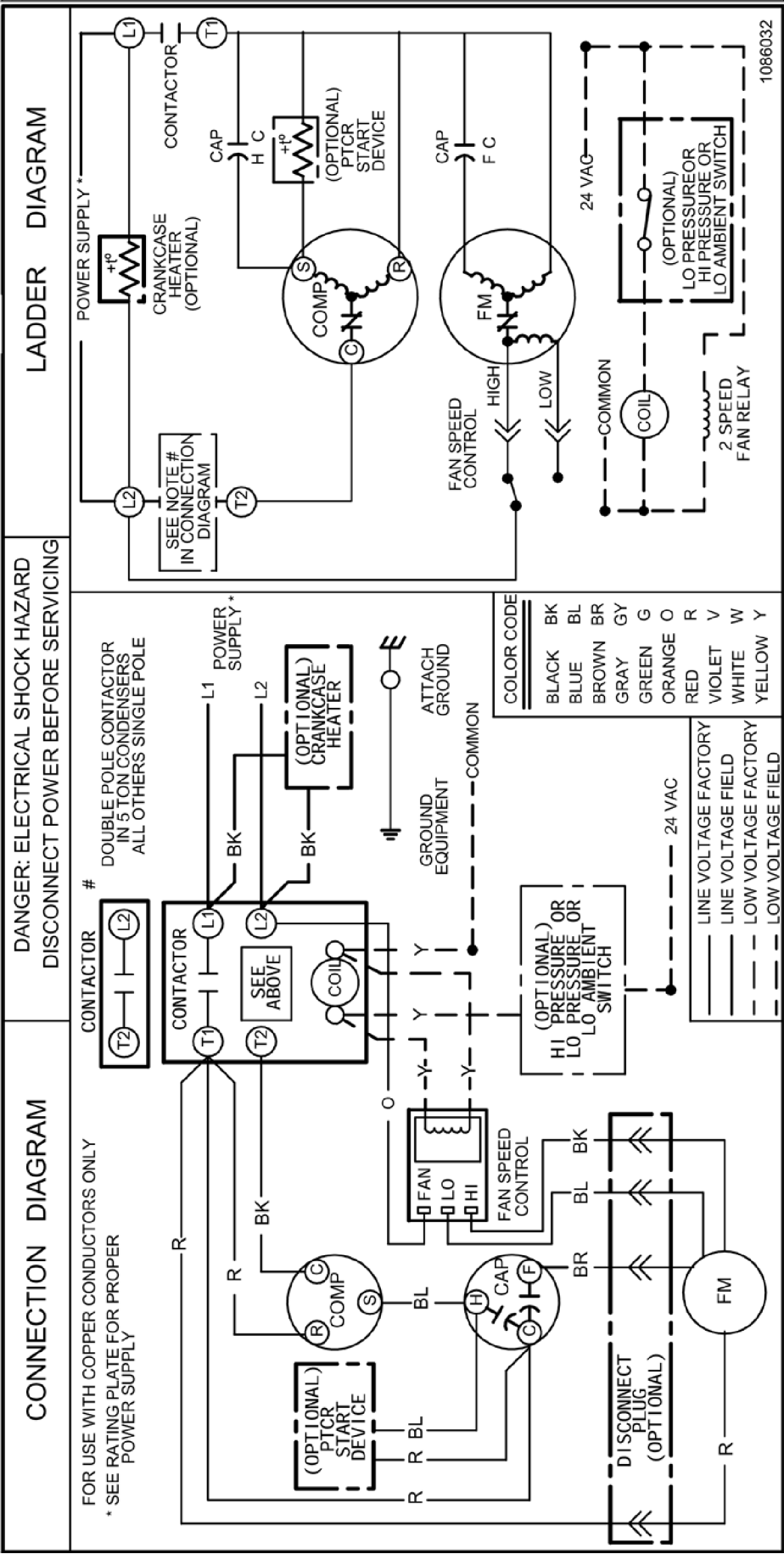


38-11-19a

KEY NO.	DESCRIPTION	PART NUMBER	TCA424AKA1	TCA430AKA1	TCA436AKA1	TCA442AKA1	TCA448AKA1	TCA460AKA1
A	Panel, Top	1086064	1	1	1	1	1	1
B	Nut, Hex	1086220	4	4	4	4	4	4
C	Grille, Inlet	1086239	1	1	1			
C		1086241	-	-	-	1		
C		1086328	-	-	-	-	1	1
D	Box, Control	1086046	1	1	1	1	1	1
E	Cover, Control Box	1086215	1	1	1			
E		1086358	-	-	-	1		
E		1086360	-	-	-	-	1	1
F	Panel, Corner	1086345	1	1	1			
F		1086348	-	-	-	1		
F		1086350	-	-	-	-	1	1
G	Panel, Base	1086060	1	1	1	1	1	1
H	Top, Control Box	1086045	1	1	1	1	1	1
J	Shelf, Control Box	1086363	1	1	1			
J		1086044	-	-	-	1	1	1
K	Bottom, Control Box	1086039	1	1	1	1	1	1
L	Grille, Top Discharge	1086074	1	1	1	1	1	1
M	Mount, Fan Motor	1086072	1	1	1	1	1	1
)	Manual, Parts List	42123340100	1	1	1	1	1	1
)	Manual, Owners	42102300100	1	1	1	1	1	1
)	Manual, Installation	42101320100	1	1	1	1	1	1

Replacement Parts - TCA418-460 Series

KEY NO.	DESCRIPTION	PART NUMBER	TCA424AKA1	TCA430AKA1	TCA436AKA1	TCA442AKA1	TCA448AKA1	TCA460AKA1
1	Compressor, ZR18K3PFV	1086580	1					
1	ZR24K3PFV	1086581	-	1				
1	ZR30K3PFV	1086582	-	-	1			
1	ZR36K3PFV	1084521	-	-	-	1		
1	ZR42K3PFV	1084522	-	-	-	-	1	
1	ZR54K3PFV	1084984	-	-	-	-	-	1
2	Motor, Condenser Fan	1086403	1	1				
2		1086404	-	-	1	1	1	1
3	Fan Blade	1086513	1	1				
3		1086515	-	-	1			
3		1087076	-	-	-	1		
3		1087077	-	-	-	-	1	
3		1087078	-	-	-	-	-	1
4	Contactor, 25 Amp	1050699	1	1	1			
4	35 Amp	1050839	-	-	-	1	1	
4	40 Amp	1059574	-	-	-	-	-	1
5	Capacitor, 370 Volt. 5+30 Mfd	1086637	1					
5	370 Volt 5+40 Mfd	1086639	-	1				
5	370 Volt 7.5+45 Mfd	1086298	-	-	1			
5	370 Volt 7.5+50 Mfd	1086646	-	-	-	1		
5	370 Volt 7.5+60 Mfd	1086649	-	-	-	-	1	
5	370 Volt 7.5+80 Mfd	1086650	-	-	-	-	-	1
6	Condenser Coil	1086965	1					
6		1086966	-	1				
6		1086967	-	-	1			
6		1086968	-	-	-	1		
6		1086969	-	-	-	-	1	1
7	Service Valve (Suction)	1085991	1	1	1			
7		1085988	-	-	-	1	1	
7		1086805	-	-	-	-	-	1
8	Service Valve (Liquid)	1085989	1	1	1	1	1	1
9	Plug, Compressor Harness	1081940	1	1	1	1	1	1
10	Grommet, Compressor	1052060	4	4	4	4	4	4
16	Port Valve Asy	1087038	1	1	1	1	1	1
17	Switch, Low Pressure	1087039	1	1	1	1	1	1
25	Control, Fan	1086071	1	1	1	1	1	1



24,000 Btuh Units

Style No:	TCA424		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	11.2		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
Wire Ga	14		MBh	20.4	21.2	23.2	-	20.0	20.7	22.7	-	19.5	20.2	22.1	-	18.5	19.2	21.0	-	17.1	17.8	19.5	-
Wire Length/Ft	45		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	15	70	AMPS	5.6	5.7	5.9	-	6.0	6.2	6.4	-	6.4	6.6	6.8	-	6.8	7.0	7.2	-	7.2	7.4	7.6	-
Max. Fuse	15		HI PR	154	166	175	-	175	188	199	-	199	214	226	-	224	241	255	-	248	266	281	-
Compressor	COPELAND		LO PR	68	72	79	-	71	75	82	-	74	79	86	-	78	83	90	-	80	86	93	-
RLA	8.33		75	MBh	20.8	21.4	23.2	24.9	20.3	20.9	22.6	24.3	19.8	20.4	22.1	23.7	18.8	19.4	21.0	22.5	17.4	17.9	19.4
LRA	47	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	30 / 370	AMPS		5.6	5.7	5.9	6.1	6.1	6.2	6.4	6.6	6.5	6.6	6.8	7.1	6.9	7.0	7.3	7.5	7.3	7.4	7.7	8.0
CC Heater	NONE	HI PR		155	167	177	184	177	190	201	209	201	217	229	239	226	244	257	268	250	269	284	296
Start Kit	NONE	LO PR		69	73	80	85	71	76	83	88	75	80	87	93	79	84	91	97	81	87	94	101
Fan Motor-HP	1/8	80	MBh	21.2	21.6	23.1	24.7	20.7	21.1	22.6	24.1	20.2	20.6	22.0	23.5	19.1	19.6	20.9	22.3	17.7	18.1	19.4	20.7
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	0.8		AMPS	5.7	5.8	6.0	6.2	6.1	6.3	6.5	6.7	6.5	6.7	6.9	7.2	6.9	7.1	7.3	7.6	7.3	7.5	7.7	8.0
LRA	1.5		HI PR	157	169	178	186	178	192	203	212	203	219	231	241	229	246	260	271	253	272	287	299
RPM	740 / 840		LO PR	69	74	81	86	72	77	84	89	76	81	88	94	79	84	92	98	82	87	95	102
Cap MFD/V	5 / 370	85	MBh	21.5	21.9	23.0	24.5	21.0	21.4	22.4	23.9	20.5	20.9	21.9	23.4	19.5	19.9	20.8	22.2	18.0	18.4	19.3	20.6
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		AMPS	5.7	5.8	6.0	6.2	6.2	6.3	6.5	6.8	6.6	6.7	7.0	7.2	7.0	7.2	7.4	7.7	7.4	7.6	7.8	8.1
Low Press	NONE		HI PR	159	171	180	188	180	194	205	214	205	221	233	243	231	249	262	274	255	275	290	302
Time Delay	NONE		LO PR	70	75	81	87	73	78	85	90	77	81	89	95	80	85	93	99	83	88	96	103
Operating Chg (25 Ft Lines)*	(R-22Oz) 132	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 Suction	8 Culn/7oz 30SqIn	1086879																					
*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:	TCA430		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	16		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
Wire Ga	14		MBh	27.5	28.5	31.2	-	26.9	27.8	30.5	-	26.2	27.2	29.7	-	24.9	25.8	28.3	-	23.1	23.9	26.2	-
Wire Length/Ft	35		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	15	70	AMPS	6.9	7.1	7.3	-	7.5	7.7	7.9	-	8.0	8.2	8.4	-	8.5	8.7	9.0	-	9.0	9.2	9.5	-
Max. Fuse	25		HI PR	144	155	163	-	164	176	186	-	186	200	212	-	210	226	238	-	232	249	263	-
Compressor	COPELAND		LO PR	66	70	76	-	68	73	79	-	72	76	83	-	75	80	87	-	78	83	90	-
RLA	12.18	75	MBh	28.0	28.8	31.2	33.5	27.3	28.1	30.4	32.7	26.6	27.4	29.7	31.9	25.3	26.1	28.2	30.3	23.4	24.1	26.1	28.0
LRA	61		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	40 / 370		AMPS	7.0	7.1	7.4	7.6	7.6	7.7	8.0	8.3	8.1	8.3	8.5	8.8	8.6	8.8	9.1	9.4	9.1	9.3	9.6	10.0
CC Heater	NONE		HI PR	145	156	165	172	165	178	188	196	188	203	214	223	212	228	241	251	234	252	266	277
Start Kit	NONE		LO PR	66	71	77	82	69	73	80	85	72	77	84	90	76	81	88	94	79	84	91	97
Fan Motor-HP	1/8	80	MBh	28.5	29.1	31.1	33.2	27.8	28.4	30.3	32.4	27.1	27.7	29.6	31.6	25.8	26.3	28.1	30.1	23.9	24.4	26.0	27.8
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	0.8		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	8.6	8.9	9.1	9.5	9.2	9.4	9.7	10.0
LRA	1.5		HI PR	147	158	167	174	167	180	190	198	190	205	216	225	214	230	243	253	236	254	268	280
RPM	740 / 840		LO PR	67	71	78	83	70	74	81	86	73	78	85	91	77	82	89	95	79	84	92	98
Cap MFD/V	5 / 370	85	MBh	29.0	29.5	30.9	33.0	28.3	28.8	30.2	32.2	27.6	28.1	29.5	31.4	26.2	26.7	28.0	29.8	24.3	24.7	25.9	27.7
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		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	8.9	9.2	9.6	9.2	9.5	9.8	10.1
Low Press	NONE		HI PR	148	159	168	176	169	181	192	200	192	207	218	228	216	232	245	256	239	257	271	283
Time Delay	NONE		LO PR	68	72	79	84	70	75	82	87	74	79	86	91	77	82	90	96	80	85	93	99
Operating Chg (25 Ft Lines)*	(R-22Oz) 190	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	8 Culn/7oz 30SqIn	Part No: 1086880																					
Liquid/Chg																							
Suction		*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																					

421 23 3401 00

Style No:	TCA436		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	18.3	70	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
Wire Ga	14		MBh	33.5	34.7	38.0	-	32.7	33.8	37.1	-	31.9	33.0	36.2	-	30.3	31.4	34.4	-	28.0	29.1	31.8	-
Wire Length/Ft	29		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	25		AMPS	9.1	9.3	9.6	-	9.8	10.0	10.3	-	10.4	10.7	11.0	-	11.1	11.3	11.7	-	11.7	12.0	12.3	-
Max. Fuse	30	HI PR	144	155	163	-	164	176	186	-	186	200	212	-	210	226	238	-	232	249	263	-	
Compressor	COPELAND	LO PR	64	68	75	-	67	71	77	-	70	75	81	-	73	78	85	-	76	81	88	-	
RLA	13.46	75	MBh	34.0	35.0	37.9	40.7	33.2	34.2	37.0	39.7	32.4	33.4	36.1	38.8	30.8	31.7	34.3	36.8	28.5	29.4	31.8	34.1
LRA	73		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	45 / 370		AMPS	9.1	9.3	9.6	10.0	9.9	10.1	10.4	10.8	10.5	10.8	11.1	11.5	11.2	11.4	11.8	12.2	11.8	12.1	12.5	12.9
CC Heater	NONE		HI PR	145	156	165	172	165	178	188	196	188	203	214	223	212	228	241	251	234	252	266	277
Start Kit	NONE	LO PR	65	69	75	80	67	72	78	83	71	75	82	88	74	79	86	92	77	82	89	95	
Fan Motor-HP	1/4	80	MBh	34.6	35.4	37.8	40.4	33.8	34.5	36.9	39.4	33.0	33.7	36.0	38.5	31.3	32.0	34.2	36.6	29.0	29.7	31.7	33.9
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	1.5		AMPS	9.2	9.4	9.7	10.1	10.0	10.2	10.5	10.9	10.6	10.9	11.2	11.6	11.3	11.5	11.9	12.3	11.9	12.2	12.6	13.0
LRA	2.9		HI PR	147	158	167	174	167	180	190	198	190	205	216	225	214	230	243	253	236	254	268	280
RPM	740 / 840	LO PR	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	90	96	
Cap MFD/V	7.5 / 370	85	MBh	35.2	35.9	37.6	40.1	34.4	35.1	36.7	39.2	33.6	34.2	35.8	38.2	31.9	32.5	34.0	36.3	29.5	30.1	31.5	33.6
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	9.3	9.5	9.8	10.1	10.1	10.3	10.6	11.0	10.7	11.0	11.3	11.7	11.4	11.6	12.0	12.4	12.0	12.3	12.7	13.1
Low Press	NONE		HI PR	148	159	168	176	169	181	192	200	192	207	218	228	216	232	245	256	239	257	271	283
Time Delay	NONE	LO PR	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	94	78	83	91	97	
Operating Chg (25 Ft Lines)*	(R-22Oz) 194	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: 1086881																					
Liquid/Chg Suction	16 Culn/11oz 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																					

Style No:	TCA442			Outdoor Ambient Temperature - Degrees F. Dry Bulb																			
Voltage	208/230			75				85				95				105				115			
Phase	1	IDB		Entering Indoor Temperature - Degrees F. Wet Bulb																			
Ampacity	22.2			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	37.2	38.5	42.2	-	36.3	37.6	41.2	-	35.4	36.7	40.2	-	33.6	34.9	38.2	-	31.2	32.3	35.4	-
Wire Length/Ft	38		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	30		AMPS	11.0	11.3	11.6	-	11.9	12.2	12.6	-	12.7	13.0	13.5	-	13.5	13.8	14.3	-	14.3	14.6	15.1	-
Max. Fuse	35		HI PR	143	154	163	-	163	175	185	-	185	200	211	-	209	224	237	-	230	248	262	-
Compressor	COPELAND	75	LO PR	62	66	72	-	64	68	75	-	68	72	78	-	71	75	82	-	73	78	85	-
RLA	16.54		MBh	37.8	38.9	42.1	45.2	36.9	38.0	41.1	44.1	36.0	37.1	40.1	43.1	34.2	35.2	38.1	40.9	31.7	32.6	35.3	37.9
LRA	88		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	50 / 370		AMPS	11.1	11.4	11.7	12.2	12.0	12.3	12.7	13.2	12.8	13.2	13.6	14.1	13.6	14.0	14.4	15.0	14.4	14.8	15.3	15.8
CC Heater	NONE	80	HI PR	145	156	164	171	164	177	187	195	187	202	213	222	211	227	239	250	233	251	265	276
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	1/4		MBh	38.5	39.3	42.0	44.9	37.6	38.4	41.0	43.8	36.6	37.4	40.0	42.8	34.8	35.6	38.0	40.6	32.2	32.9	35.2	37.6
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	1.5	85	AMPS	11.2	11.5	11.8	12.3	12.2	12.4	12.8	13.3	13.0	13.3	13.7	14.2	13.8	14.1	14.6	15.1	14.6	14.9	15.4	16.0
LRA	2.9		HI PR	146	157	166	173	166	179	189	197	189	204	215	224	213	229	242	252	235	253	267	279
RPM	740 / 840		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	7.55 / 370		MBh	39.1	39.9	41.8	44.6	38.2	39.0	40.8	43.5	37.3	38.0	39.8	42.5	35.4	36.1	37.8	40.3	32.8	33.4	35.0	37.4
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	11.3	11.6	11.9	12.4	12.3	12.5	13.0	13.4	13.1	13.4	13.8	14.3	13.9	14.2	14.7	15.2	14.7	15.1	15.5	16.1
Low Press	NONE		HI PR	148	159	168	175	168	181	191	199	191	206	217	226	215	231	244	255	238	256	270	282
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) 272	Calculated averaged performance data, for service applications for all matches.																					
Service Driers		For applications where rated performance data is required refer to the Expanded Ratings or Specification Sheet.																					
Liquid/Chg Suction	16 CuIn/110z 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																					
		Part No: 1086882																					

48,000 Btuh Units

Style No:		TCA448	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	24.4	70	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
Wire Ga	12		MBh	44.1	45.7	50.1	-	43.1	44.7	48.9	-	42.0	43.6	47.7	-	39.9	41.4	45.4	-	37.0	38.3	42.0	-
Wire Length/Ft	31		S/T	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
Delay Fuse	30		AMPS	12.5	12.8	13.2	-	13.6	13.9	14.3	-	14.5	14.8	15.3	-	15.4	15.8	16.3	-	16.3	16.7	17.3	-
Max. Fuse	40	HI PR	148	159	168	-	168	181	191	-	191	206	218	-	215	232	245	-	238	256	270	-	
Compressor	COPELAND	LO PR	62	66	72	-	64	68	75	-	68	72	78	-	71	75	82	-	73	78	85	-	
RLA	18.33	75	MBh	44.9	46.2	50.0	53.7	43.8	45.1	48.8	52.4	42.8	44.0	47.6	51.1	40.6	41.8	45.3	48.6	37.6	38.7	41.9	45.0
LRA	109		S/T	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42
Cap MFD/V	60 / 370		AMPS	12.6	12.9	13.3	13.8	13.7	14.0	14.5	15.0	14.6	15.0	15.5	16.0	15.5	15.9	16.4	17.1	16.5	16.9	17.4	18.1
CC Heater	NONE		HI PR	149	161	170	177	170	183	193	201	193	208	220	229	218	234	247	258	240	259	273	285
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	1/4	80	MBh	45.7	46.7	49.9	53.3	44.6	45.6	48.7	52.0	43.5	44.5	47.5	50.8	41.3	42.2	45.1	48.2	38.3	39.1	41.8	44.7
Type	PSC / 2 SPD		S/T	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	0.99	0.81	0.60
FLA	1.5		AMPS	12.7	13.0	13.5	14.0	13.8	14.1	14.6	15.1	14.7	15.1	15.6	16.2	15.7	16.1	16.6	17.2	16.6	17.0	17.6	18.2
LRA	2.9		HI PR	151	162	171	179	172	185	195	203	195	210	222	232	220	237	250	260	243	261	276	288
RPM	740 / 840	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	7.55 / 370	85	MBh	46.5	47.4	49.6	52.9	45.4	46.3	48.4	51.7	44.3	45.1	47.3	50.4	42.1	42.9	44.9	47.9	39.0	39.7	41.6	44.4
PTCR	NONE		S/T	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78
Hi Press	NONE		AMPS	12.8	13.2	13.6	14.1	13.9	14.3	14.7	15.3	14.9	15.2	15.7	16.3	15.8	16.2	16.7	17.4	16.8	17.2	17.7	18.4
Low Press	NONE		HI PR	152	164	173	181	173	186	197	205	197	212	224	234	222	239	252	263	245	264	279	291
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) 297	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	1086883																					
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																					

60,000 Btuh Units

Style No:	TCA460	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	32.8	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	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	51		S/T	0.72	0.61	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.80	0.66	0.46	-	0.80	0.67	0.46	-
Delay Fuse	40		AMPS	16.5	16.9	17.5	-	17.9	18.4	19.0	-	19.2	19.7	20.3	-	20.4	20.9	21.6	-	21.7	22.2	22.9	-
Max. Fuse	50	75	HI PR	153	165	174	-	174	187	198	-	198	213	225	-	223	240	254	-	247	265	280	-
Compressor	COPELAND		LO PR	60	64	70	-	63	67	73	-	66	70	76	-	69	73	80	-	71	76	83	-
RLA	25		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	169		S/T	0.82	0.74	0.56	0.36	0.84	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.82	0.62	0.40
Cap MFD/V	80 / 370	80	AMPS	16.6	17.1	17.6	18.3	18.1	18.5	19.2	19.9	19.4	19.8	20.5	21.3	20.6	21.1	21.8	22.7	21.9	22.4	23.2	24.1
CC Heater	NONE		HI PR	155	166	176	183	176	189	200	209	200	216	228	237	225	243	256	267	249	268	283	295
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	1/4		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 / 2 SPD	85	S/T	0.90	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.57	1.00	0.94	0.76	0.57
FLA	1.5		AMPS	16.8	17.2	17.8	18.5	18.3	18.7	19.3	20.1	19.5	20.0	20.7	21.5	20.8	21.3	22.1	22.9	22.1	22.6	23.4	24.3
LRA	2.9		HI PR	156	168	178	185	178	191	202	211	202	218	230	240	228	245	259	270	252	271	286	298
RPM	740 / 840		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	7.55 / 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
PTCR	NONE		S/T	0.95	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.91	0.74
Hi Press	NONE		AMPS	17.0	17.4	17.9	18.6	18.4	18.9	19.5	20.3	19.7	20.2	20.9	21.7	21.0	21.5	22.3	23.1	22.3	22.8	23.6	24.5
Low Press	NONE		HI PR	158	170	179	187	179	193	204	213	204	220	232	242	230	247	261	273	254	273	289	301
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) 310	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 CuIn/17oz																					1086884	
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																					

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