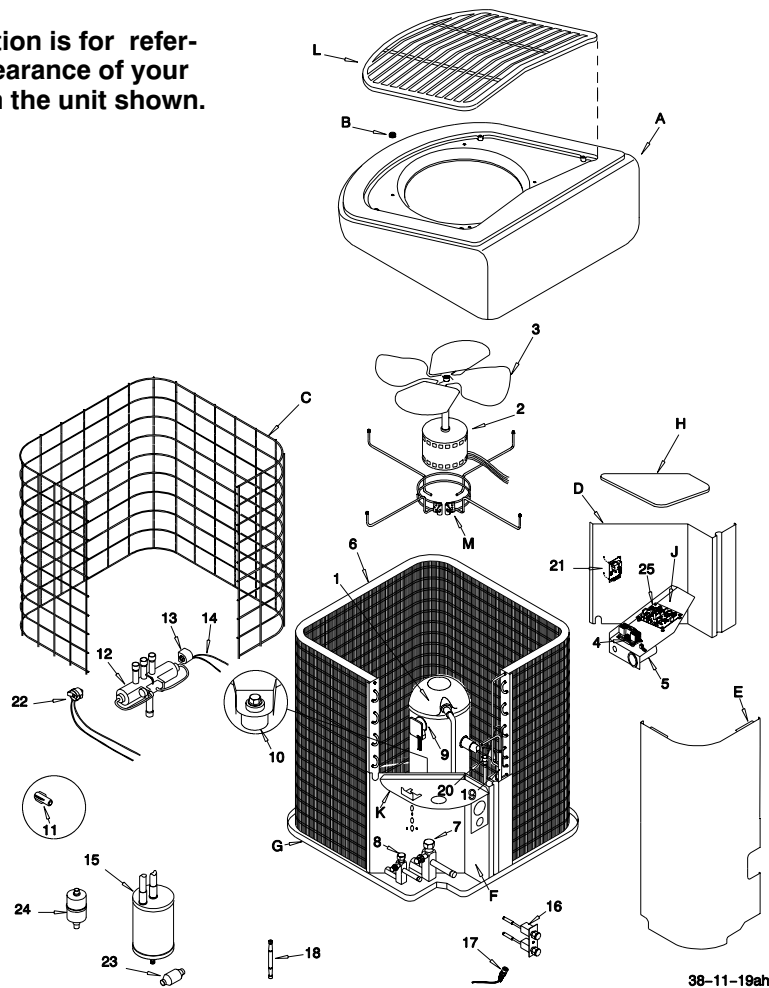


Replacement Parts, W/D & Tech Data TCH424-460 Series

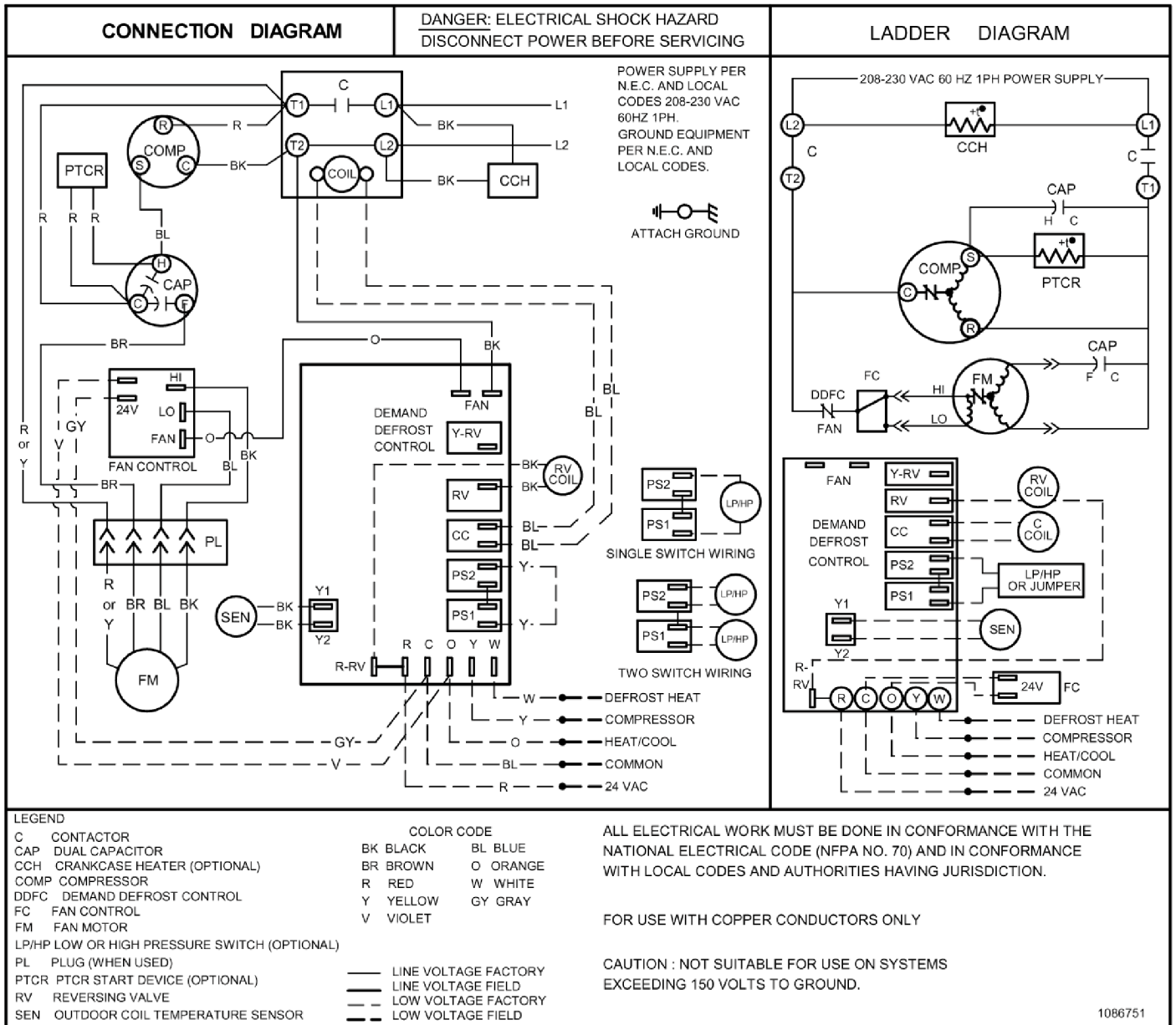
NOTE: This illustration is for reference only. The appearance of your unit may differ from the unit shown.



KEY NO.	DESCRIPTION	PART NUMBER	TCH424AKA1	TCH430AKA1	TCH436AKA1	TCH442AKA1	TCH448AKA1	TCH460AKA1
A	Panel, Top	1086064	1	1	1	1	1	1
B	Nut, Flanged	1086220	4	4	4	4	4	4
C	Grille, Inlet	1086328	1	1	1	1	1	1
D	Box, Control	1086046	1	1	1	1	1	1
E	Cover, Control Box	1086360	1	1	1	1	1	1
F	Panel, Corner	1086350	1	1	1	1	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	42823340100	1	1	1	1	1	1
)	Manual, Owners	42802300100	1	1	1	1	1	1
)	Manual, Installation	42101320100	1	1	1	1	1	1

Replacement Parts - TCH424-460 Series

KEY NO.	DESCRIPTION	PART NUMBER	TCH424AKA1	TCH430AKA1	TCH436AKA1	TCH442AKA1	TCH448AKA1	TCH460AKA1
1	Compressor, With Plug	ZR18K3PFV130	1					
1		ZR24K3PFV130	-	1				
1		ZR30K3PFV130	-	-	1			
1		ZR36K3PFV130	-	-	-	1		
1		ZR42K3PFV130	-	-	-	-	1	
1		ZR54K3PFV130	-	-	-	-	-	1
2	Motor, Condenser Fan	1086403	1	1	1			
2		1086404	-	-	-	1	1	1
3	Fan Blade	1086513	1	1	1			
3		1087076	-	-	-	1		
3		1087077	-	-	-	-	1	
3		1087078	-	-	-	-	-	1
4	Contactor, 25 Amp 35 Amp 40 Amp	1050699	1	1	1			
4		1050839	-	-	-	1	1	
4		1059574	-	-	-	-	-	1
5	Capacitor, 370 Volt. 5+30 Mfd 370 Volt 5+40 Mfd 370 Volt 5+45 Mfd 370 Volt 7.5+50 Mfd 370 Volt 7.5+60 Mfd 370 Volt 7.5+80 Mfd	1086637	1					
5		1086639	-	1				
5		1086640	-	-	1			
5		1086646	-	-	-	1		
5		1086649	-	-	-	-	1	
5	1086650	-	-	-	-	-	1	
6	Condenser Coil	1087088	1					
6		1087089	-	1				
6		1087090	-	-	1	1	1	
6		1087091	-	-	-	-	-	1
7	Service Valve (Suction)	1087244	1	1	1			
7		1086805	-	-	-	1	1	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
12	Valve, Reversing	513542	1	1				
12		34329002	-	-	1	1		
12		34329030	-	-	-	-	1	1
13	Coil, Reversing Valve	34329055	1	1	1	1	1	1
14	Harness, Reversing Valve Coil	1066711	1	1	1	1	1	1
15	Accumulator	1081064	1	1				
15		1081063	-	-	1	1		
15		1061328	-	-	-	-	1	1
16	Port Valve Asy	1080998	1	1	1	1	1	1
17	Switch, Low Pressure	1081019	1	1	1	1	1	1
18	Control, Flow .030 .056 .065 .049 .061 .095	1087250	1					
18		1087301	-	1				
18		1086742	-	-	1			
18		1087302	-	-	-	1		
18		1086741	-	-	-	-	1	
18		1086740	-	-	-	-	-	1
20	Distributor	1053087	1					
20		1052830	-	1				
20		1052793	-	-	1	1	1	
20		1087307	-	-	-	-	-	1
21	Control, Defrost	1086070	1	1	1	1	1	1
22	Sensor, Defrost Control	1086579	1	1	1	1	1	1
23	Muffler	1059730	1	1	1	1	1	1
24	Drier	1064507	1	1	1	1	1	1
25	Control, Fan	1086071	1	1	1	1	1	1
28	Valve, Expansion	1087245	1					
28		1087246	-	1				
28		1085277	-	-	1			
28		1087247	-	-	-	1		
28		1087248	-	-	-	-	1	
28		1087249	-	-	-	-	-	1



		PISTON CHART																													
		COIL MODELS (1)																													
Outdoor Units (2)		EPAIDM18	EPAIDM24	EPAIDM30	EPAIDM36	EPAIDM42	EPAIDM48	EPAIDM60	EPP024	EPP030	EPP036	EAH5524SA	EAH5536SA	EAH5548SA	EAH5560SA	EEAD24	EEAD30	EEAD36	EEAD48	EEAD60	EMH24	EMH30	EMH36	EMH42	EMH48	FCP24	FCP30	FCP36	FCP42	FCP48	FCP60
	424	(51)	(58)	(65)	(72)	(78)	(79)	(90)	(59)	(65)	(72)	(56)	(71)	(84)	(89)	(51)	(59)	(65)	(78)	(79)	(58)	(65)	(72)	(78)	(79)	(58)	(65)	(72)	(78)	(79)	(90)
430																															
436																															
442																															
448														84																	79
460																															

(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.

Style No:	TCH424	Outdoor Ambient Temperature - Degrees F. Dry Bulb																			
		75				85				95				105				115			
		Entering Indoor Temperature - Degrees F. Wet Bulb																			
IDB		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
Voltage	208/230																				
Phase	1																				
Ampacity	14.3																				
Wire Ga	14																				
Wire Ft	45																				
Delay Fuse	15																				
Max. Fuse	25																				
Compressor	COPELAND																				
RLA	10.83																				
LRA	47																				
Cap MFD/IV	30 / 370																				
CC Heater	NONE																				
Start Kit	NONE																				
Fan Motor-HP	1/8																				
Type	PSC - 2 SPD																				
FLA	0.8																				
LRA	1.5																				
MAX RPM	840																				
Cap MFD/IV	5 / 370																				
PTCR	NONE																				
Hi Press	NONE																				
Low Press	NONE																				
Low Amb	NONE																				
Defrost	Demand																				
Sensor																					
Operating Chg (25 Ft Line)*	(R-22Oz) 300																				
Service Driers																					
Liquid/Chg	8Culn/7oz																				
Suction	30Sqln																				

Calculated averaged performance data, for service applications for all matches. Part No: 1086891
*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:	TCH430	Outdoor Ambient Temperature - Degrees F. Dry Bulb																			
		75				85				95				105				115			
		Entering Indoor Temperature - Degrees F. Wet Bulb																			
IDB		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
Voltage	208/230																				
Phase	1																				
Ampacity	16																				
Wire Ga	14																				
Wire Ft	35																				
Delay Fuse	15																				
Max. Fuse	25																				
Compressor	COPELAND																				
RLA	12.189																				
LRA	61																				
Cap MFD/IV	40 / 370																				
CC Heater	NONE																				
Start Kit	NONE																				
Fan Motor-HP	1/8																				
Type	PSC - 2 SPD																				
FLA	0.8																				
LRA	1.5																				
MAX RPM	840																				
Cap MFD/IV	5 / 370																				
PTCR	NONE																				
Hi Press	NONE																				
Low Press	NONE																				
Low Amb	NONE																				
Defrost	Demand																				
Sensor																					
Operating Chg (25 Ft Line)*	(R-22Oz) 292																				
Service Driers																					
Liquid/Chg	8Culn/7oz																				
Suction	30Sqln																				

Calculated averaged performance data, for service applications for all matches. Part No: 1086892
*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:	TCH436	Outdoor Ambient Temperature - Degrees F. Dry Bulb																			
		75				85				95				105				115			
		Entering Indoor Temperature - Degrees F. Wet Bulb																			
	IDB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
Voltage	208/230																				
Phase	1																				
Ampacity	21.2																				
Wire Ga	12																				
Wire Ft	46																				
Delay Fuse	30																				
Max. Fuse	35																				
Compressor	COPELAND																				
RLA	16.34																				
LRA	73																				
Cap MFD/IV	45 / 370																				
CC Heater	NONE																				
Start Kit	NONE																				
Fan Motor-HP	1/8																				
Type	PSC - 2 SPD																				
FLA	0.8																				
LRA	1.5																				
MAX RPM	840																				
Cap MFD/IV	5 / 370																				
PTCR	NONE																				
Hi Press	NONE																				
Low Press	NONE																				
Low Amb	NONE																				
Defrost	Demand																				
Sensor																					
Operating Chg (25 Ft Line)*	(R-22Oz) 330																				
Service Driers																					
Liquid/Chg	16Culn/11oz																				
Suction	30Sgln																				

Calculated averaged performance data, for service applications for all matches.

Part No:

*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

1086893

Style No:	TCH442	Outdoor Ambient Temperature - Degrees F. Dry Bulb																			
		75				85				95				105				115			
		Entering Indoor Temperature - Degrees F. Wet Bulb																			
	IDB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
Voltage	208/230																				
Phase	1																				
Ampacity	25.8																				
Wire Ga	10																				
Wire Ft	61																				
Delay Fuse	35																				
Max. Fuse	45																				
Compressor	COPELAND																				
RLA	19.4																				
LRA	88																				
Cap MFD/IV	50 / 370																				
CC Heater	NONE																				
Start Kit	NONE																				
Fan Motor-HP	1/4																				
Type	PSC - 2 SPD																				
FLA	1.5																				
LRA	2.9																				
MAX RPM	840																				
Cap MFD/IV	7.5 / 370																				
PTCR	NONE																				
Hi Press	NONE																				
Low Press	NONE																				
Low Amb	NONE																				
Defrost	Demand																				
Sensor																					
Operating Chg (25 Ft Line)*	(R-22Oz) 375																				
Service Driers																					
Liquid/Chg	16Culn/11oz																				
Suction	30Sgln																				

Calculated averaged performance data, for service applications for all matches.

Part No:

*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

1086894

