



# **Deluxe System 2 Parts Manual Rev. 6/83**

Liebert Corporation may make improvements and/or changes in the products described in the document at any time without notice. Part numbers and technical information are subject to change without prior notice.

Liebert Corporation assumes no responsibility and disclaims all liability for incidental or consequential damages resulting from use of this information from errors or omissions.



Precision Environmental  
Control Systems for Data Processing

# DELUXE SYSTEM / 2

## Parts Manual

including Outdoor and Series PB Condensers

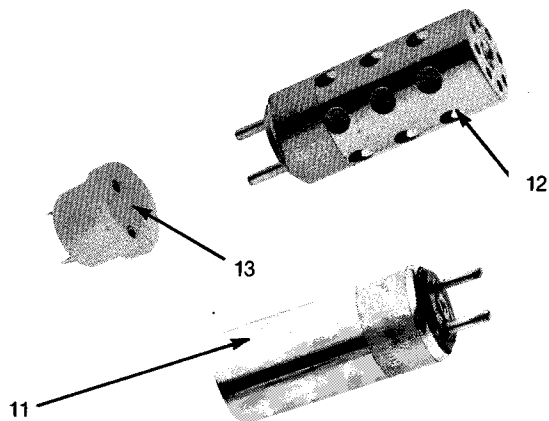
## TABLE OF CONTENTS

Photographs .....	1-9
6-Ton .....	11-14
8-Ton .....	15-18
10-Ton .....	19-22
15-Ton .....	23-26
20/22 Ton .....	27-31
Optional, Filters, Panels, PCR, Misc. ....	33-36

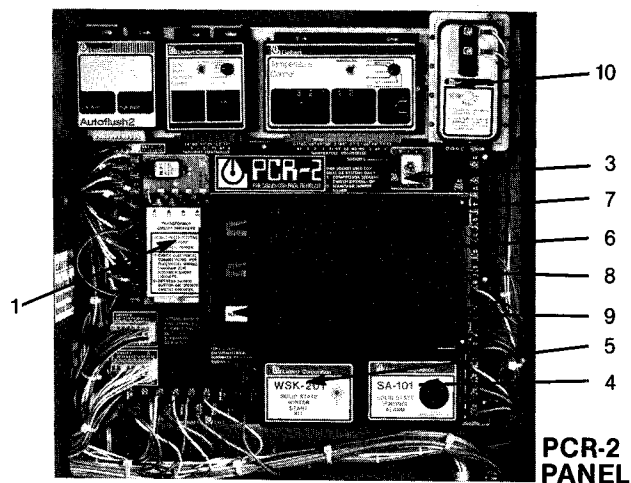
## Using This Parts Book

- Find No.** The first digit represents the page number of the photo reference. The next number is the item number which calls out the part.
- Part No.** Find the part number in the appropriate column. In some cases, the part number is the same for multiple voltages. See shaded portion below.
- R.S.P.** Recommended Spare Parts. One part (one set of parts) should be kept on hand for every five units.

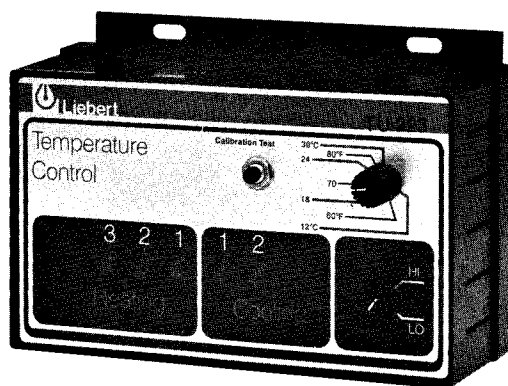
Find No.	Description	Part Number				RSP
		208 V	230 V	460 V	575 V	
Pg. 8	95° Ambient to 5000 Ft.			D-0450 (FCA8)		
Pg. 8	100° Ambient to 5000 Ft.*			D-0460 (FCA12)		
Pg. 8	105° Ambient to 5000 Ft.**			D-0460 (FCA-12)		
8-20	Fan Speed Control Condenser Motor			B-095C		X
8-23	Condenser Fan Motor			D-0680		
8-1	Fan Speed Control Motor Fan Blade			D67-003A		
8-1A	Fan Motor Blade			D-016C		
8-2	Fan Guard			D-016G		
8-19	Fan Speed Control Capacitor			B-095B		X
8-21	Boot			B-1450		X
8-22	Strap			B15-0120		X
8-25	Relief Valve			W-0170		X
8-10	Fuseblock					
8-11	Fuse					
8-16	Transformer 75 VA					
8-12	Transformer 1.5 KVA					
8-15	Circuit Breaker					
8-17	Fan Speed Control					
8-18	Varistor					
8-13	2 Pole Contactor					
8-14	Thermostat					



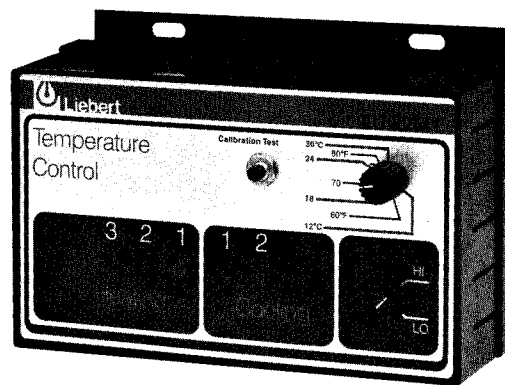
**TEMP/HUMID. SENSORS**



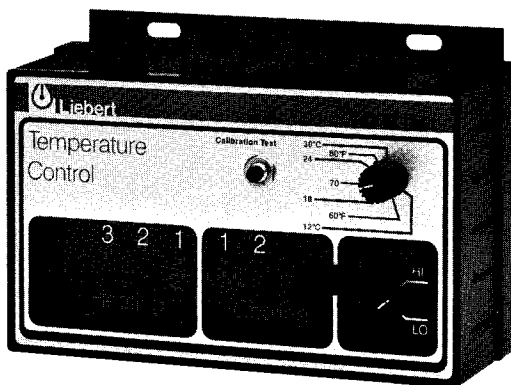
**PCR-2  
PANEL**



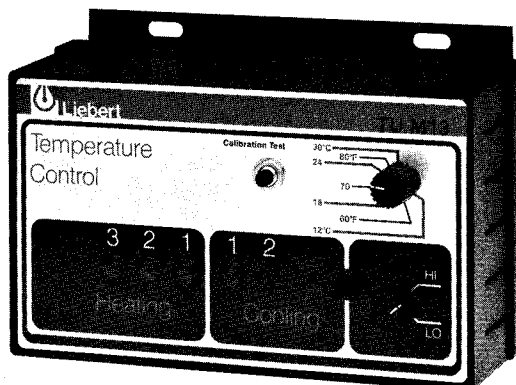
**TU-223**



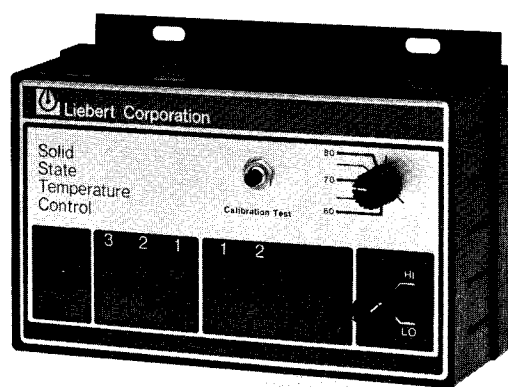
**TU-22M1**



**TU-M1M1**



**TUM13**

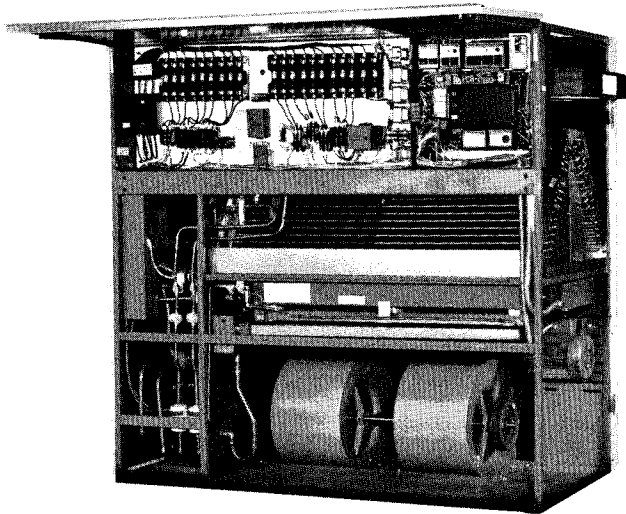


**TU-M1223**

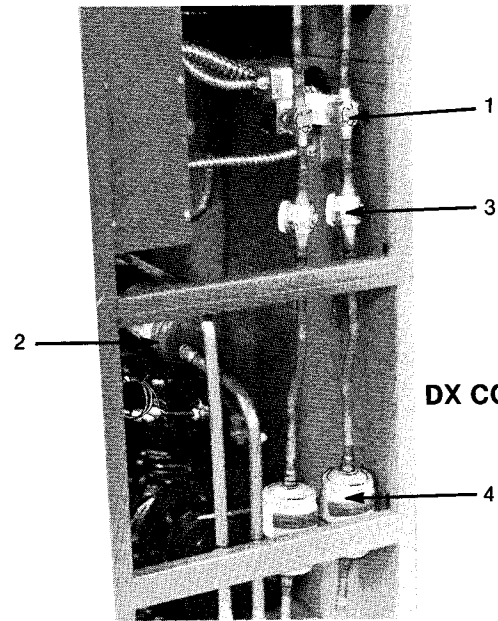


**HG-UW**

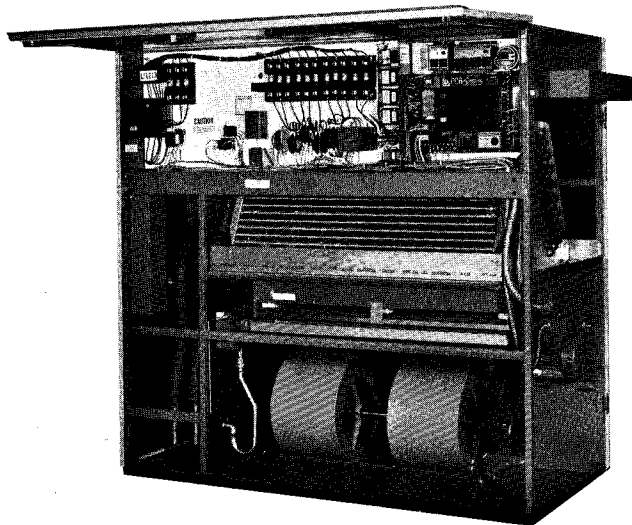




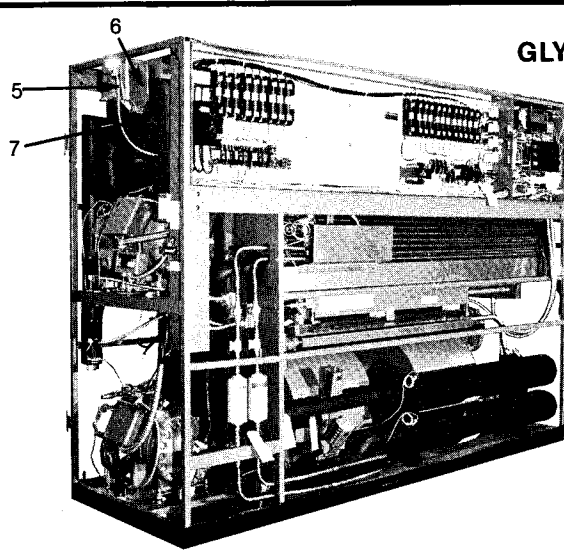
**AIR COOLED**



**DX COMPONENTS**



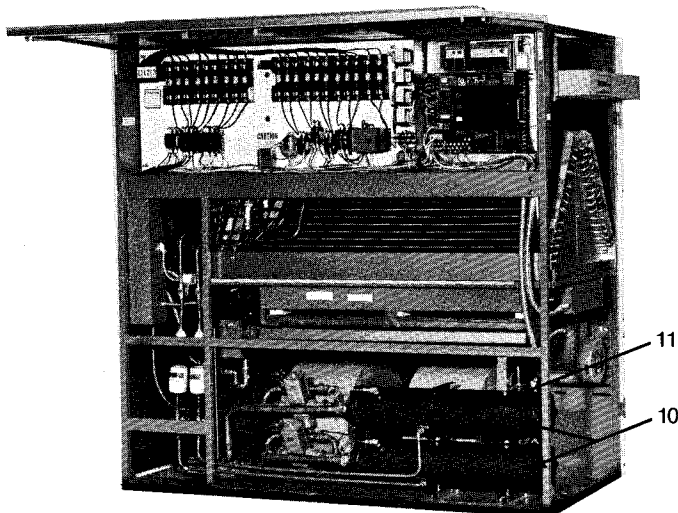
**CHILLED WATER**



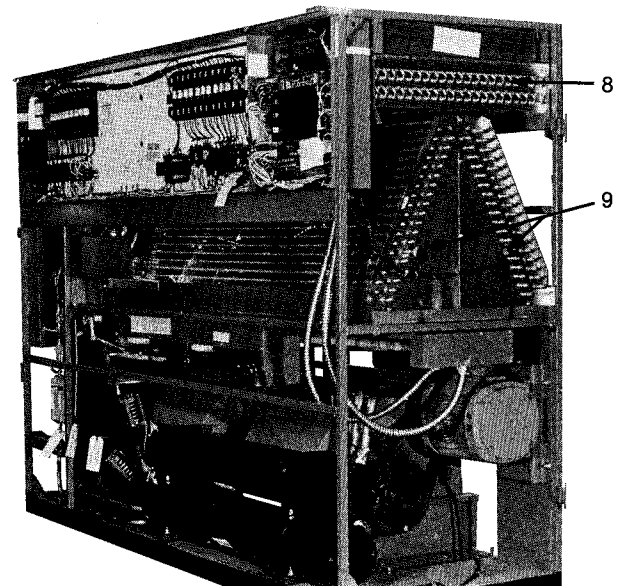
**GLYCOL**

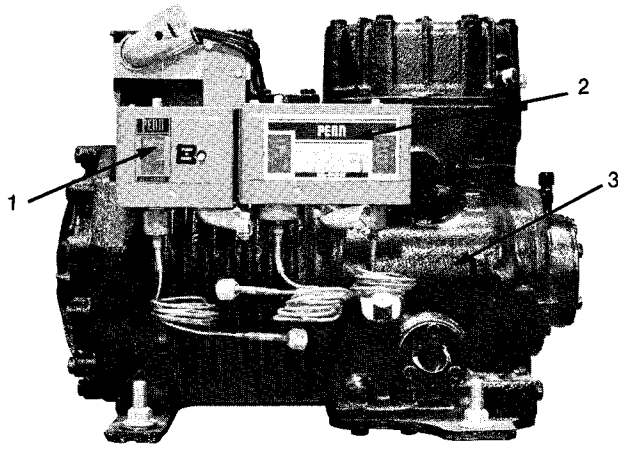


**GLYCOL COIL**

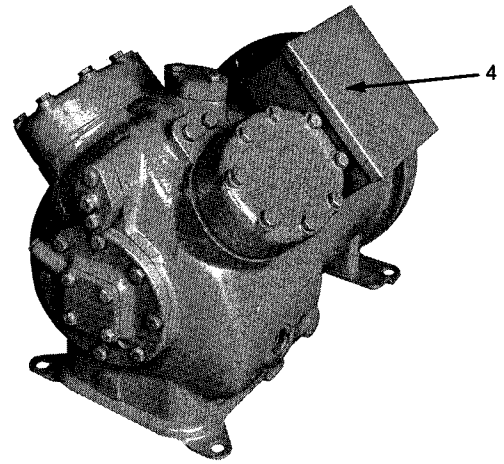


**WATER/GLYCOL COOLED**

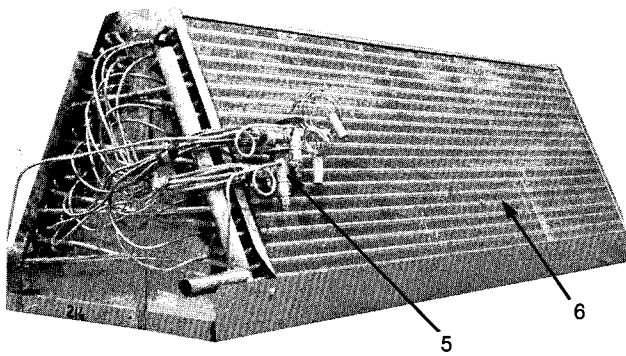




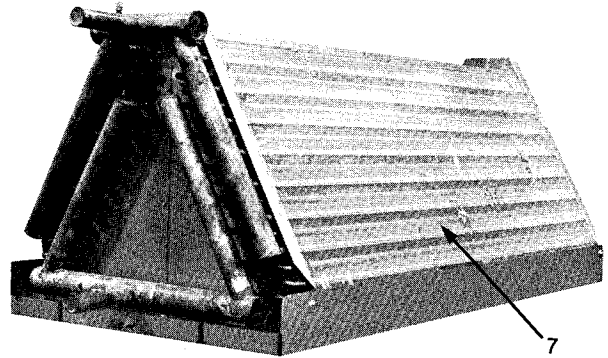
**COPELAND COMPRESSOR**



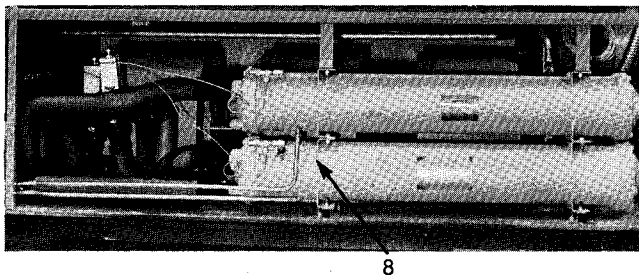
**CARRIER COMPRESSOR**



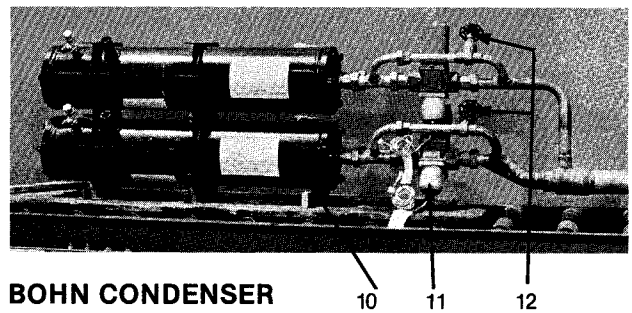
**DX COIL**



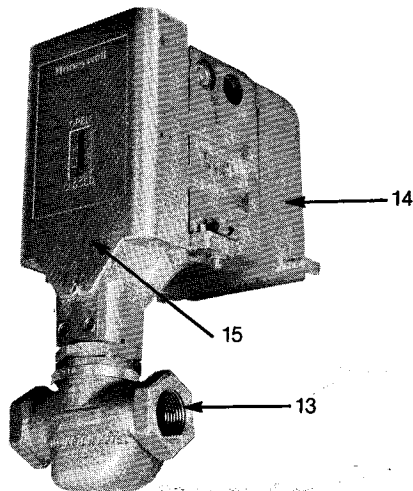
**CHILLED WATER COIL**



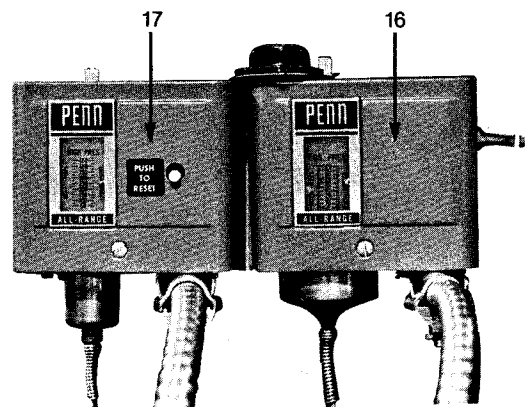
**AMETEK CONDENSER**



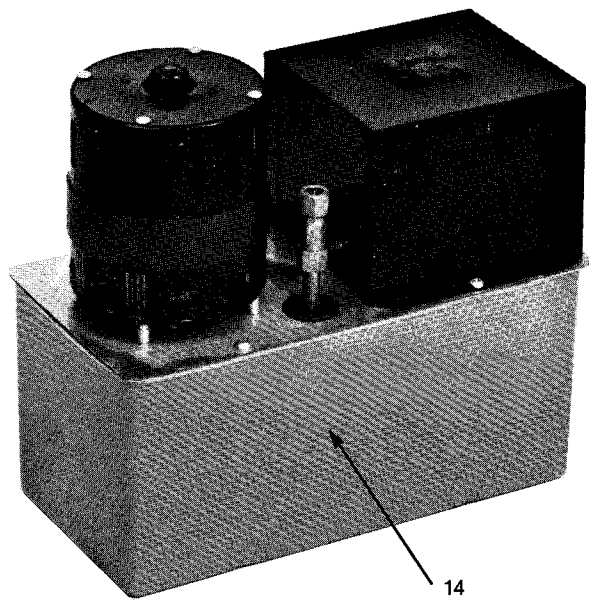
**BOHN CONDENSER**



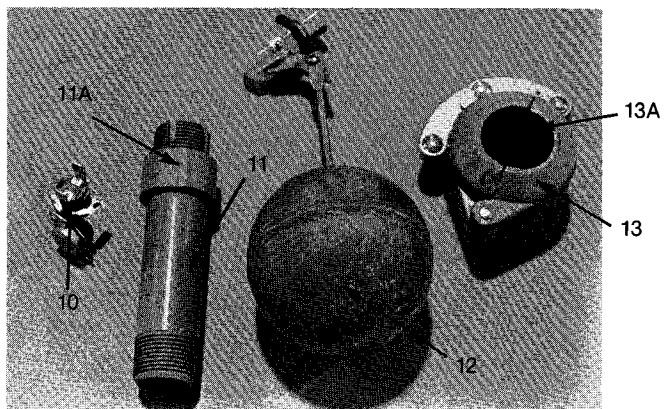
**MODULATING CHILLED WATER VALVE**



**FSC PRESSURE SWITCH**



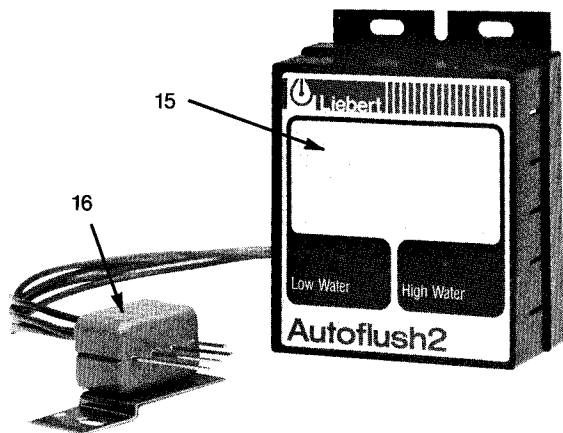
**CONDENSATE PUMP**



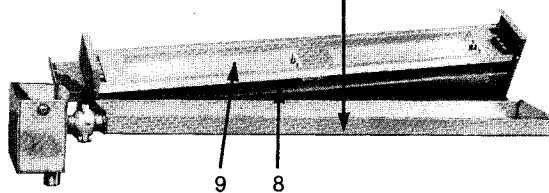
**FLOAT ASSEMBLY**



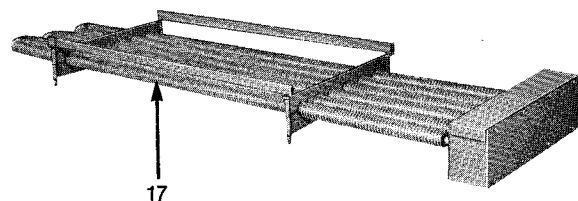
**INFRARED HUMIDIFIER**



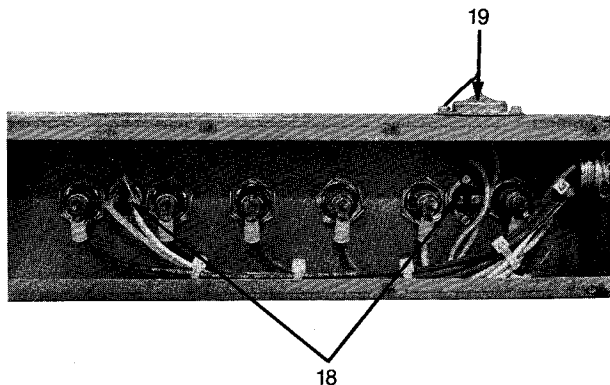
**AUTOFLUSH CONTROL BOX**



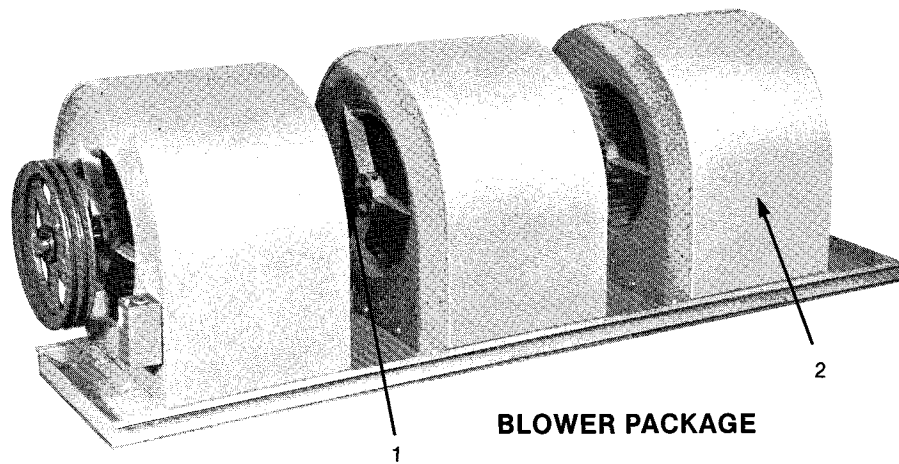
**HUMIDIFIER BULBS**



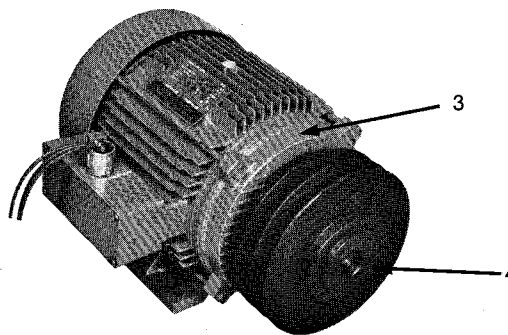
**REHEAT**



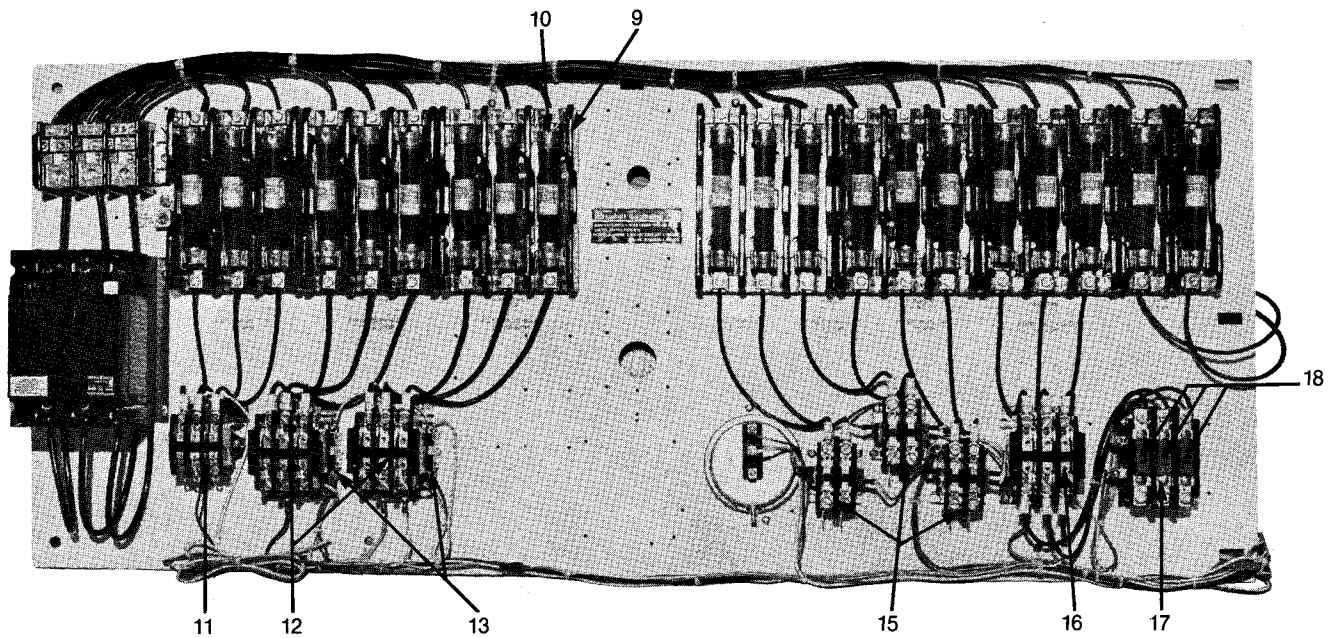
**REHEAT COMPONENTS**



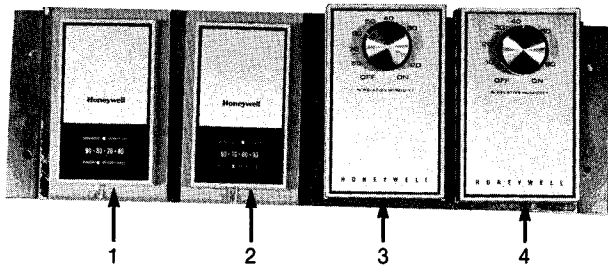
**BLOWER PACKAGE**



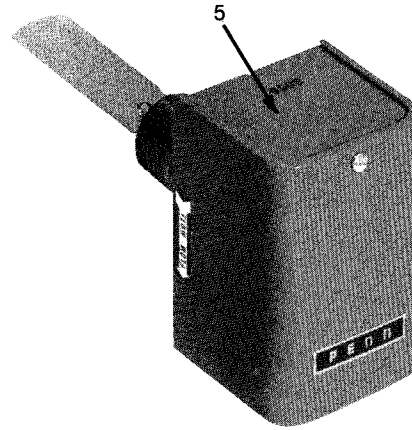
**FAN MOTOR**



**HIGH VOLTAGE PANEL**



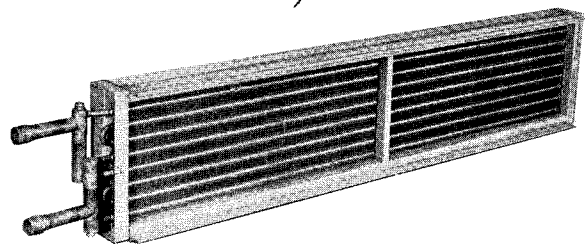
**MODE ALERT STATS**



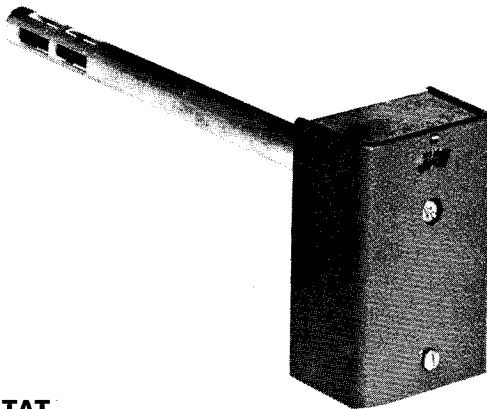
**FLOW SWITCH**



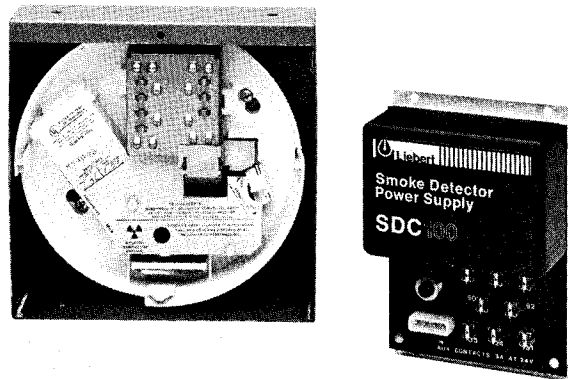
**STEAM HUMIDIFIER**



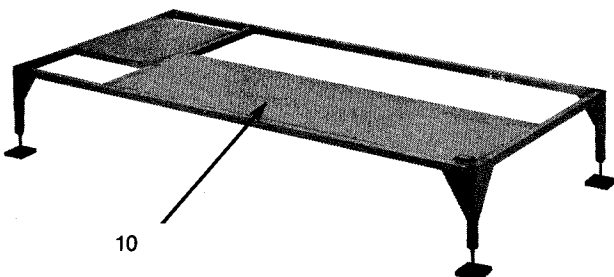
**STEAM/HOT WATER REHEAT**



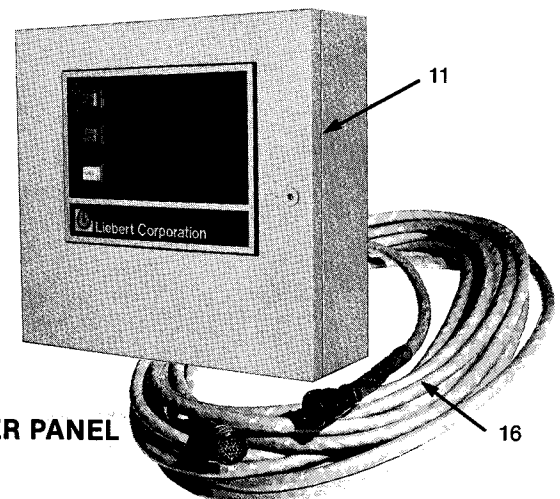
**FIRE STAT**



**SMOKE DETECTOR**

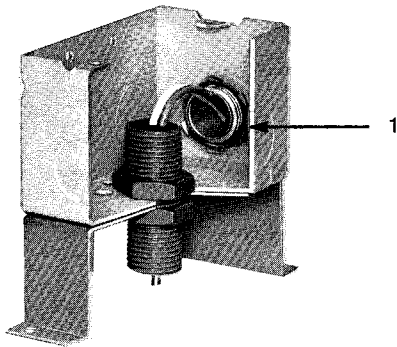


**FLOOR STAND**

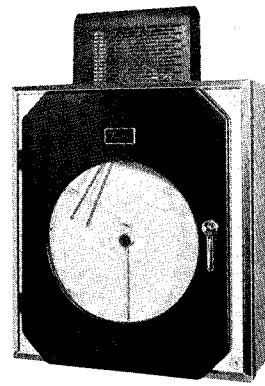


**REPEATER PANEL & CABLE**

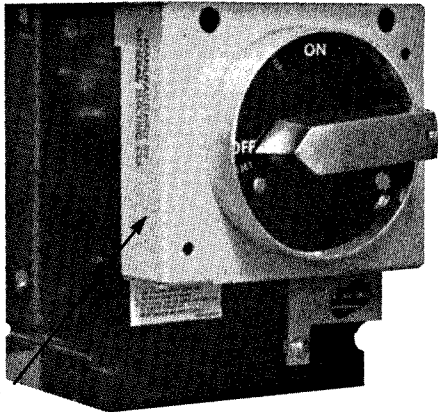




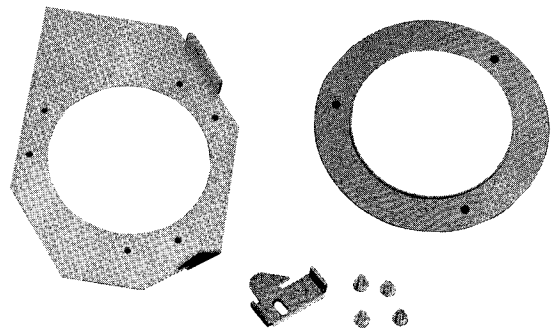
**LIQUITECT**



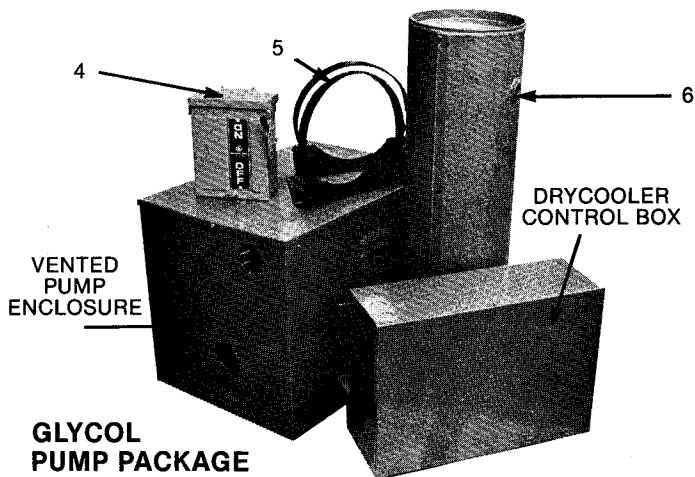
**REMOTE TEMPERATURE & HUMIDITY RECORDER**



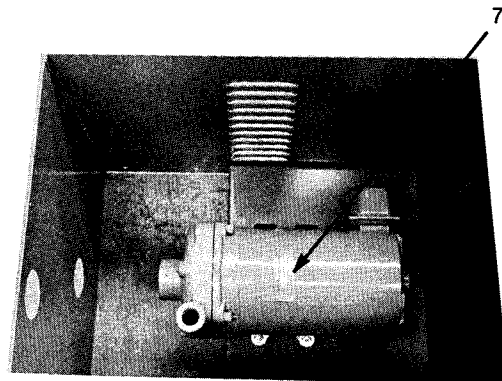
**LOCKING DISCONNECT**



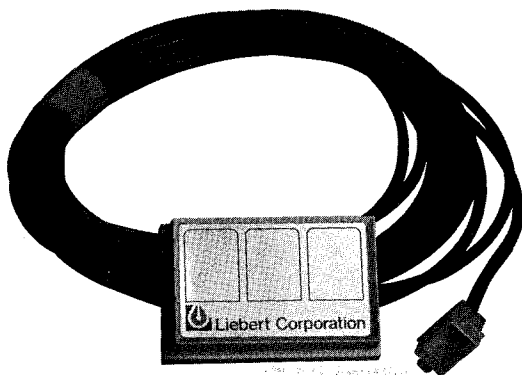
**LOCKING DISCONNECT COMPONENTS**



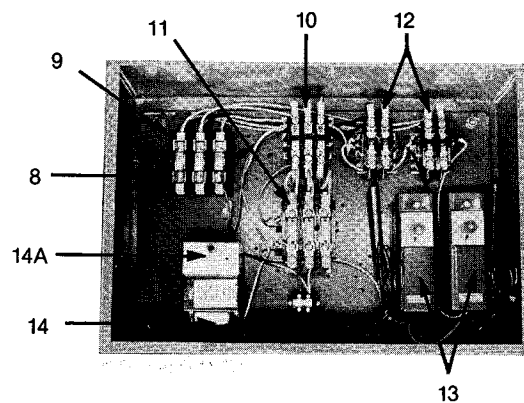
**GLYCOL PUMP PACKAGE**



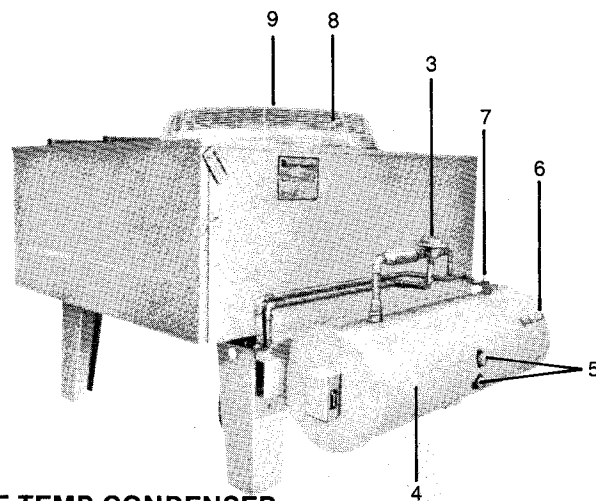
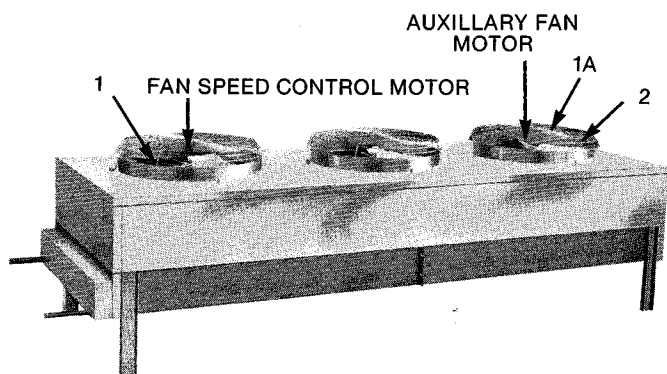
**GLYCOL PUMP**



**TEMPERATURE & HUMIDITY SENSOR**

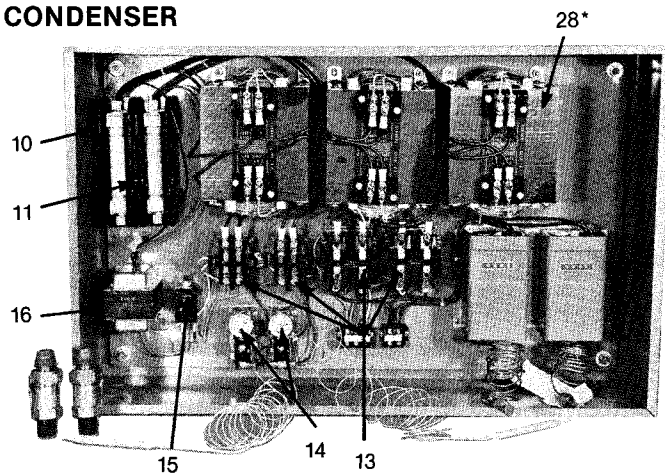


**PUMP CONTROL BOX**



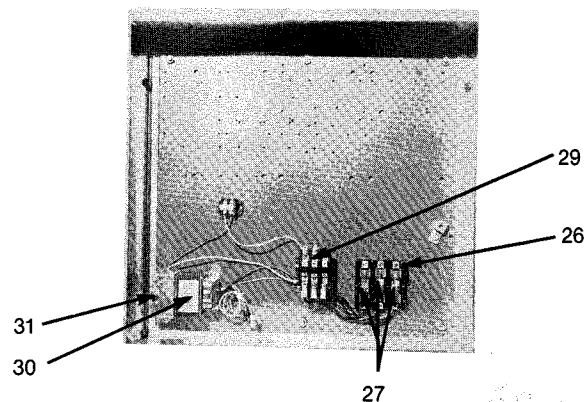
**CONDENSER**

**LEE TEMP CONDENSER**

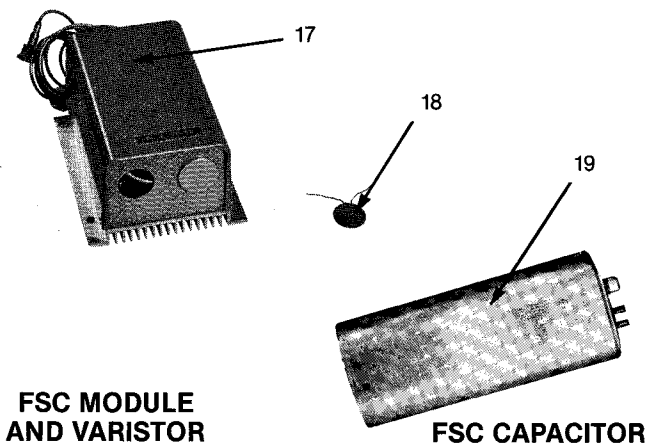


**FSC CONTROL BOX**

\*also used in Lee Temp Control Box

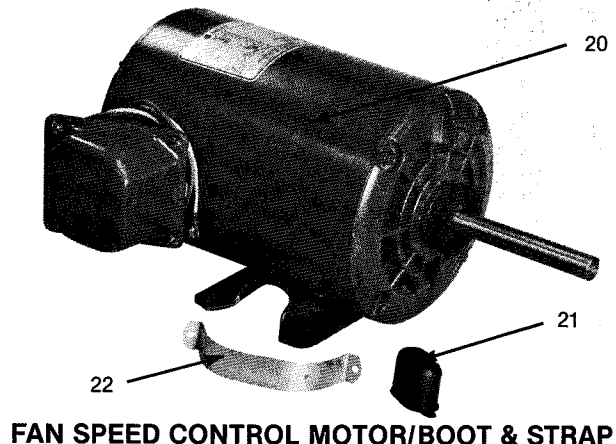


**LEE TEMP CONTROL BOX**

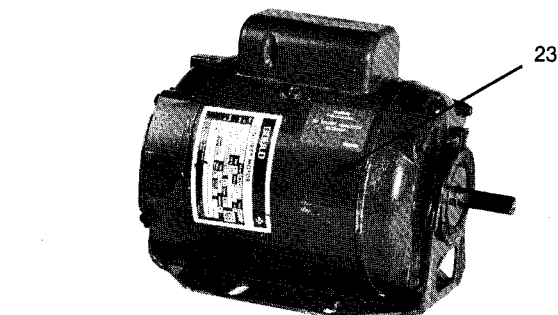


**FSC MODULE AND VARISTOR**

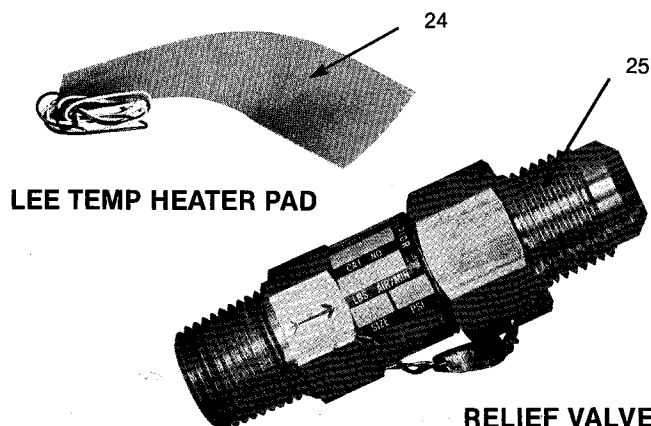
**FSC CAPACITOR**



**FAN SPEED CONTROL MOTOR/BOOT & STRAP**

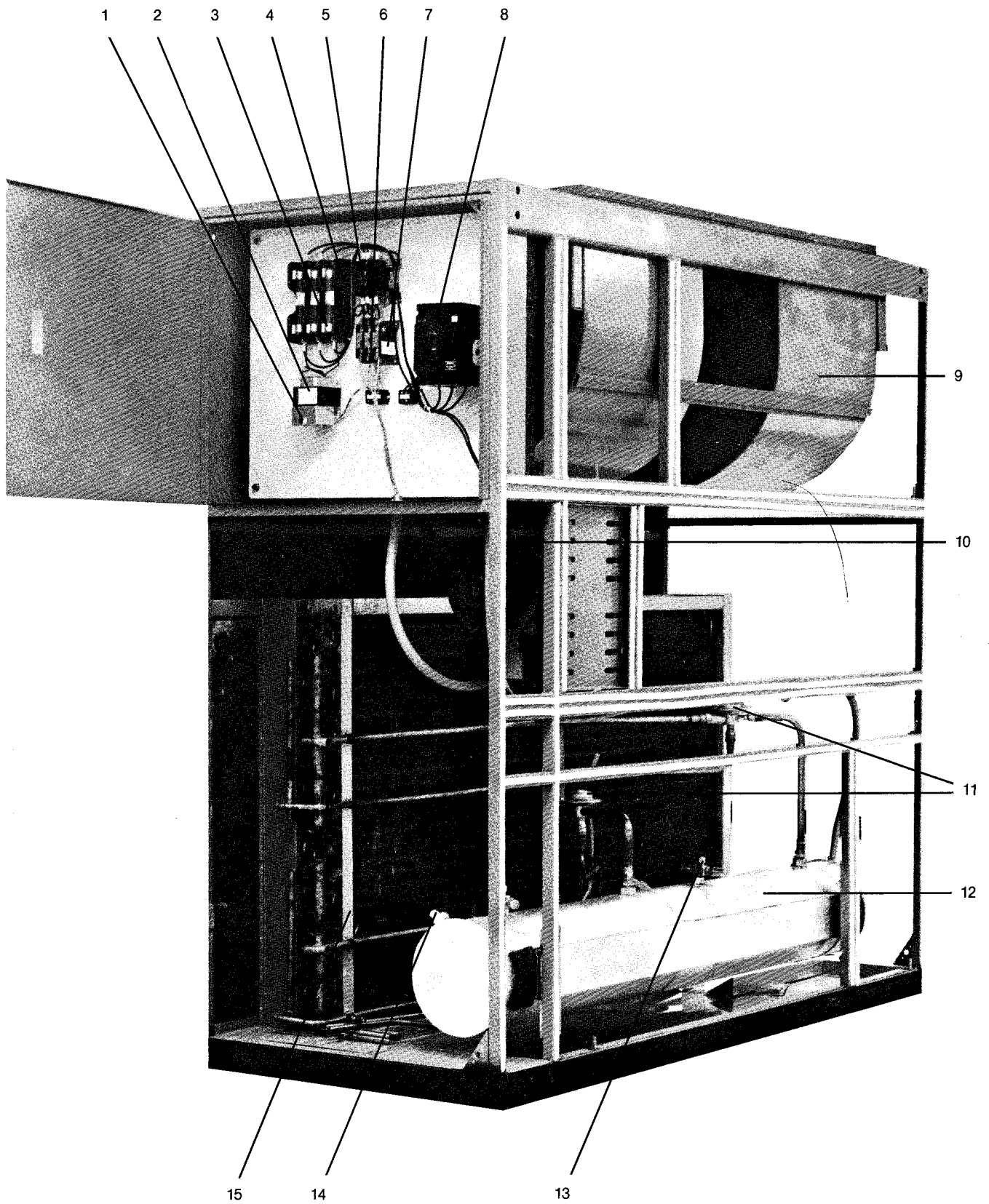


**CONDENSER FAN MOTOR**



**LEE TEMP HEATER PAD**

**RELIEF VALVE**



**SERIES PB CONDENSER**



## 6 TON FD/UD 72G, 75A, 86W

### MAIN FAN SECTION

Find No.	Description	Part Number				RSP
		208 V	230 V	460 V	575 V	
5-3	Main Fan 1.0 HP	B-0150	B-0160	B-0160	B-0170	
5-18	Heater 1.0 HP	E-0900	E-2660	E-1840	E-0840	
5-3	Main Fan 1.5 HP	B-0180	B-0190	B-0190	B-0200	
5-18	Heater 1.5 HP	E-0940	E-0920	E-2610	E-2610	
5-5	Fan Pulley	B-0540	B-0540	B-0540	B-0540	
5-4	Motor Sheave	B-005B	B-005B	B-005B	B-005B	
5-1	Blower, Wheel, Housing	B-0010	B-0010	B-0010	B-0010	X
5-7	Air Sail Switch (Air Flow Sensing)	B02-0190	B02-0190	B02-0190	B02-0190	
5-2	Fan Shaft	B-0020	B-0020	B-0020	B-0020	X
—	Bearing	B-0040	B-0040	B-0040	B-0040	X
5-16	Contact	E-0110	E-0110	E-0110	E-0110	X
5-9	Fuseblock	E-1020	E-1020	E-1050	E-1050	
5-10	Fuse	E-2070	E-2070	E-2410	E-2410	
5-17	Tri-Block Overload	E-009B	E-009B	E-009B	E-009B	X
—	Belts	B-060A	B-060A	B-060A	B-060A	

### COMPRESSOR SECTION

3-4	Compressor (Carlyle)	C-0010	C-0020	C-0030	C-0040	
3-3	Compressor (Copeland)	C-050B	C-050B	C-050A	C-050C	
5-12	Contact	E-009F	E-009F	E-009F	E-009F	X
5-9	Fuseblock	E-1020	E-1020	E-1050	E-1050	
5-13	Aux. Contact-Normally Open	E-010A	E-010A	E-010A	E-010A	
5-13	Aux. Contact-Normally Closed	E-010B	E-010B	E-010B	E-010B	
3-16	Pressure Switch-Low FSC	P-3070	P-3070	P-3070	P-3070	X
3-17	Pressure Switch-Hi FSC	P-3080	P-3080	P-3080	P-3080	X
3-2	Pressure Switch-Hi/Low (Lee-Temp)	P-001B	P-001B	P-001B	P-001B	X
5-10	Fuse	E-1230	E-1230	E-2410	E-2410	
—	Valveplate and Gasket Kit (Carlyle)	C-0740	C-0740	C-0740	C-0740	X

### REHEAT SECTION

4-19	Safety Switch, 190°F	R-0130	R-0130	R-0130	R-0130	X
4-18	Safety Switch, 125°F	R-013A	R-013A	R-013A	R-013A	X
4-17	Heater	R-0710	R-0720	R-0740	R-0750	
5-15	Contact	E-011A	E-011A	E-011A	E-011A	X
5-9	Fuseblock	E-1020	E-1020	E-1050	E-1050	
5-10	Fuse	E-1230	E-1230	E-2410	E-2410	

### HUMIDIFIER SECTION

4-3	Pan Sump	F-6070	F-6070	F-6070	F-6070	
—	Reflector Support	F-6100	F-6100	F-6100	Not App.	
4-8	Reflector, Double	F-601C	F-601C	F-601C	F-602C	
4-9	Quartz Lamp	H-002A	H-0020	H-0020	H-0030	X
4-1	Pan	F-6060	F-6060	F-6060	F-6060	
4-12	Copper Float	H-0040	H-0040	H-0040	H-0040	X
4-12	Float Valve Assy.	H-0050	H-0050	H-0050	H-0050	X
4-11	Overflow Pipe	H-0400	H-0400	H-0400	H-0400	
4-13	Victaulic Coupling	P-4270	P-4270	P-4270	P-4270	
4-13A	Victaulic Coupling, Gasket	P-427A	P-427A	P-427A	P-427A	
4-11A	Overflow Adjustment Nut	H-0410	H-0410	H-0410	H-0410	
4-10	Safety Switch, 150°F	R-013B	R-013B	R-013B	R-013B	X
5-9	Fuseblock	E-1040	E-1020	E-1050	E-1060	
5-11	Contact	E-0100	E-0100	E-0100	E-011C	X
4-6	Solenoid Valve	H-0380	H-0380	H-0380	H-0380	X
5-10	Fuse	E-1200	E-2090	E-2020	E-2020	
—	"Y" Strainer	H-0390				
—	Flow Regulating Valve	H-0440				

### REFRIGERATION SECTION

2-1	Solenoid Valve	P-0070	X
2-2	Muffler	P-0040	
2-3	Liquid Indicator	P-0050	
2-4	Filter Drier	P-0020	



## 6 TON FD/UD 72G, 75A, 86W (Continued)

### REFRIGERATION SECTION (Continued)

Find No.	Description	Part Number				RSP
		208 V	230 V	460 V	575 V	
3-6	DX Coil (New Style)			X-001B (006-0005)		
3-5	Expansion Valve (New Style)			P02-0180		
	Drain Pan			F-024A		

### HEAT REJECTION EQUIPMENT

#### GLYCOL AND WATER COOLED

6-5	Flow Switch		P-4120		
2-10	Shell and Tube Condenser		J-009C		
3-8	Shell and Tube Condenser (Ametek)†		J-009D (High Pressure)		
3-10	Shell and Tube Condenser (Bohn)†		J-009A (High Pressure)		
3-11	Water Regulating Valve-3 Way		P-0340		
3-11	Water Regulating Valve-2 Way		P-3110		
3-12	Gate Valve ¼"		P-3020		
2-11	Relief Valve - 400 psi		P-2830		
—#	Gaskets				

#### GLYCOL COOLED

7-10	3 Pole Contactor		E-0110		
7-13	Thermostat 30-90°		E02-0100		
7-12	2 Pole Contactor		E-011A		
7-11	Tri-Block Overload		E-009G		
7-14A	Circuit Breaker 3.2 AMP		E-276C		
7-8	Fuse	E-2070		E-2410	
7-9	Fuseblock	E-1020		E-1050	
7-14	75 VA Transformer	E-007A	E-007B	E-007C	
—	1.5 KVA Transformer		E-0010	E-0020	
7-4	Disconnect Switch	E-2430		E-2920	
7-7	1.5 HP Pump	P-281A	P-281A	P-281B	
—	Drycooler		D-1780		
7-6	Expansion Tank		P-2840		

#### GLYCOOL

2-5	Modulating Motor		M-001A		
2-6	Linkage		M-0050		
—	Printed Circuit Board		020-0010 (G-109A)		
2-7	3 Way Chilled Water Valve		P-4390		
2-8	Glycool Coil		X-0910		
2-9	Freezestat		E02-0110		

#### AIR COOLED CONDENSERS-LEE TEMP

Pg. 8	95° Ambient to 5000 Ft.		D-0370 (FCA-8)		
Pg. 8	100° Ambient to 5000 Ft.*		D-0010 (FCA-12)		
Pg. 8	105° Ambient to 5000 Ft.**		D-0010 (FCA-12)		
8-23	Condenser Fan Motor		D-0680		
8-9	Condenser Fan Blade-26", ½" Bore		D-016C		
8-8	Fan Guard		D-016G		
8-4	Receiver		W-0040		
8-5	Liquid Indicator		W-0140		
8-7	Rotolock Valve		W-0100		
—	Valve Adapter		W-0110		
8-3	Head Pressure Control Valve		W-0340		
8-6	Relief Valve-400 psi		W-0170		
8-24	Heater Pad (115 V)		W-015L		X
8-24	Heater Pad (230 V)		W-016L		X
8-26	Fuseblock	E-1030		E-1060	
8-27	Fuse	E-2070		E-2410	
8-30	Transformer 75 VA	E-007A	E-007B	E-007C	X
8-28	Transformer 1.5 KVA		E-0010	E-0020	X
8-31	Circuit Breaker		E-276C		
8-29	2 Pole Contactor		E-011A		X

\* Also 95° Ambient over 5,000 ft.

† Must order by Part No. according to Vendor

\*\* Also 100° Ambient over 5,000 ft.

# Consult Factory

## 6 TON HEAT REJECTION EQUIPMENT (Continued)

### AIR COOLED CONDENSERS-FAN SPEED CONTROL

Find No.	Description	Part Number				RSP
		208 V	230 V	460 V	575 V	
Pg. 8	95° Ambient to 5000 Ft.			D-0450 (FCA8)		
Pg. 8	100° Ambient to 5000 Ft.*			D-0460 (FCA12)		
Pg. 8	105° Ambient to 5000 Ft.**			D-0460 (FCA-12)		
8-20	Fan Speed Control Condenser Motor			B-095C		X
8-23	Condenser Fan Motor			D-0680		
8-1	Fan Speed Control Motor Fan Blade			D67-003A		
8-1A	Fan Motor Blade			D-016C		
8-2	Fan Guard			D-016G		
8-19	Fan Speed Control Capacitor			B-095B		X
8-21	Boot			B-1450		X
8-22	Strap			B15-0120		X
8-25	Relief Valve			W-0170		X
8-10	Fuseblock	E-1030		E-1060		
8-11	Fuse	E-2070		E-2410		
8-16	Transformer 75 VA	E-007A		E-007B	E-007C	X
8-12	Transformer 1.5 KVA			E-0010	E-0020	X
8-15	Circuit Breaker			E-276C		
8-17	Fan Speed Control			E-3250		X
8-18	Varistor			G-200A		
8-13	2 Pole Contactor			E-011A		X
8-14	Thermostat			E-3080		X

### SERIES PB CONDENSER 6 TON 350A — MAIN FAN (3 HP)

9-9	Blower Wheel & Housing (2)			B-1170		
—	Shaft			B-1140		
—	Bearing (2)			B-064A		
—	Sheave			B-069B		
—	Pulley			B-0450		
—	Bushing			B-1160		
9-10	Motor (3 HP)	B-0240	B-0250	B-0250	B-0260	
9-3	Fuse	E-2740	E-2070	E-2410	E-2410	
9-6	Heater	E-1000	E-0980	E-0910	E-2660	
9-5	Contactor			E-0110		
9-7	Tri-Block Overload			E-009B		
9-2	Transformer	E-007A	E-007A	E-007B	E-007C	
9-1	Circuit Breaker			E-276A		
9-4	Fuseblock	E-1020	E-1020	E-1050	E-1050	
#	Belts #					

### LEE-TEMP

9-12	Receiver			W-0040		
9-13	Rotolock Valve			W-0100		
—	Adapter			W-0110		
—	Liquid Indicator			W-0140		
9-11	Head Pressure Control Valve			W-0340		
9-14	Relief Valve			W-0170		
—	Heater Pad (110 V)			W-015L		
—	Heater Pad (230 V)			W-016L		
—	O-Ring			W-0320		
9-15	Condenser Coil			X02-0010		

\* Also 95° Ambient over 5,000 ft.

\*\* Also 100° Ambient over 5,000 ft.

# Consult factory

**Note:** Condenser Parts are on Page 35.

**SERIES PB CONDENSER**  
**6 TON 350A, 550A, 650A — MAIN FAN (2 HP)**

Find No.	Description	Part Number				RSP
		208 V	230 V	460 V	575 V	
9-9	Blower Wheel & Housing (2)	B-1170				
—	Shaft	B-1140				
—	Bearing (2)	B-0640				
—	Sheave	B-005B				
—	Pulley	B-0530				
—	Bushing	B-1160				
9-10	Motor (2 HP)	B-0210	B-0220	B-0220	B-0230	
9-3	Fuse	E-2070	E-2070	E-2410	E-2410	
9-6	Heater	E-0950	E-095A	E-0880	E-2610	
9-5	Contacto	E-0110				
9-7	Tri-Block Overload	E-009B				
9-2	Transformer	E-007A	E-007A	E-007B	E-007C	
9-1	Circuit Breaker	E-276A				
9-4	Fuseblock	E-1020	E-1020	E-1050	E-1050	
—#	Belts #					

**LEE-TEMP**

9-12	Receiver	W-0040	
9-13	Rotolock Valve	W-0100	
—	Adapter	W-0110	
—	Liquid Indicator	W-0140	
9-11	Head Pressure Control Valve	W-0340	
9-14	Relief Valve	W-0170	
—	Heater Pad (110 V)	W-015L	
—	Heater Pad (230 V)	W-016L	
—	O-Ring	W-0320	
9-15	Condenser Coil	X02-0010	

—# Consult Factory

# 8 TON FD/UD 110G, 114A, 127W, 139C, 173C

## MAIN FAN SECTION

Find No.	Description	Part Number				RSP
		208 V	230 V	460 V	575 V	
5-3	Main Fan 1.5 HP	B-0180	B-0190	B-0190	B-0200	
5-18	Heater 1.5 HP	E-0940	E-0920	E-2610	E-0860	
5-3	Main Fan 2.0 HP	B-0210	B-0220	B-0220	B-0230	
5-18	Heater 2.0 HP	E-0950	E-095A	E-0880	E-0880	
5-5	Fan Pulley	B-0540	B-0540	B-0540	B-0540	
5-4	Motor Sheave	B-005B	B-005B	B-005B	B-005B	
5-1	Blower, Wheel, Housing	B-0010	B-0010	B-0010	B-0010	X
5-7	Air Sail Switch (Air Flow Sensing)	B02-0190	B02-0190	B02-0190	B02-0190	
5-2	Fan Shaft	B-0020	B-0020	B-0020	B-0020	X
—	Bearing	B-0040	B-0040	B-0040	B-0040	X
5-16	Contactor	E-0110	E-0110	E-0110	E-0110	X
5-9	Fuseblock	E-1020	E-1020	E-1050	E-1050	
5-10	Fuse	E-2070	E-2070	E-2410	E-2410	
5-17	Tri-Block Overload	E-009B	E-009B	E-009B	E-009B	X
—	Belts	B-060A	B-060A	B-060A	B-060A	

## COMPRESSOR SECTION

3-4	Compressor (Carlyle)	C-0050	C-0060	C-0070	C-0080	
3-3	Compressor (Copeland)	C-050D	C-050D	C-050E	C-050F	
5-12	Contactor	E-009F	E-009F	E-009F	E-009F	X
5-9	Fuseblock	E-1040	E-1040	E-1050	E-1050	
5-13	Aux. Contact-Normally Open	E-010A	E-010A	E-010A	E-010A	
5-13	Aux. Contact-Normally Closed	E-010B	E-010B	E-010B	E-010B	
3-16	Pressure Switch-Low FSC	P-3070	P-3070	P-3070	P-3070	X
3-17	Pressure Switch-Hi FSC	P-3080	P-3080	P-3080	P-3080	X
3-2	Pressure Switch-Hi/Low	P-001B	P-001B	P-001B	P-001B	X
5-10	Fuse	E-1200	E-1200	E-2410	E-2410	
—	Valveplate and Gasket Kit (Carlyle)	C-0730	C-0730	C-0730	C-0730	X

## REHEAT SECTION

4-19	Safety Switch, 190°F	R-0130	R-0130	R-0130	R-0130	X
4-18	Safety Switch, 125°F	R-013A	R-013A	R-013A	R-013A	X
4-17	Heater	R-0760	R-0770	R-0790	R-0800	
5-15	Contactor	E-011A	E-011A	E-011A	E-011A	X
5-9	Fuseblock	E-1040	E-1030	E-1050	E-1050	
5-10	Fuse	E-1200	E-2090	E-2410	E-2410	

## HUMIDIFIER SECTION

4-3	Pan Sump	F-6070	F-6070	F-6070	F-6070	
—	Reflector Support	F-6100	F-6100	F-6100	Not App.	
4-8	Reflector, Double	F-601C	F-601C	F-601C	F-602C	
4-9	Quartz Lamp	H-002A	H-0020	H-0020	H-0030	X
4-1	Pan	F-6060	F-6060	F-6060	F-6060	
4-12	Copper Float	H-0040	H-0040	H-0040	H-0040	X
4-12	Float Valve Assy.	H-0050	H-0050	H-0050	H-0050	X
4-11	Overflow Pipe	H-0400	H-0400	H-0400	H-0400	
4-13	Victaulic Coupling	P-4270	P-4270	P-4270	P-4270	
4-13A	Victaulic Coupling, Gasket	P-427A	P-427A	P-427A	P-427A	
4-11A	Overflow Adjustment Nut	H-0410	H-0410	H-0410	H-0410	
4-10	Safety Switch, 150°F	R-013B	R-013B	R-013B	R-013B	X
5-9	Fuseblock	E-1040	E-1020	E-1050	E-1060	
5-11	Contactor	E-0100	E-0100	E-0100	E-011C	X
5-10	Fuse	E-1200	E-2090	E-2020	E-2020	
4-6	Solenoid Valve	H-0380	H-0380	H-0380	H-0380	X
—	"Y" Strainer			H-0390		
—	Flow Regulating Valve			H-0440		

## REFRIGERATION SECTION

2-1	Solenoid Valve	P-0070		
2-2	Muffler	P-0040		
2-3	Liquid Indicator	P-0050		
2-4	Filter Drier	P-0020		

## HEAT REJECTION EQUIPMENT (Continued)

### AIR COOLED CONDENSERS-LEE TEMP (Continued)

Find No.	Description	Part Number				RSP
		208 V	230 V	460 V	575 V	
8-6	Relief Valve - 400 psi	W-0170				
8-24	Heater Pad (115 V)	W-015L				X
8-24	Heater Pad (230 V)	W-016L				X
8-26	Fuseblock	E-1030		E-1060		
8-30	Fuse	E-2070		E-2410		
8-30	Transformer 75 VA	E-007A		E-007B	E-007C	X
8-28	Transformer 1.5 KVA	-	-	E-0010	E-0020	X
8-31	Circuit Breaker	E-276C				
8-29	2 Pole Contactor	E-011A				X

### AIR COOLED CONDENSERS-FAN SPEED CONTROL

Pg. 8	95° Ambient to 5000 Ft.	D-0460 (FCA-12)				
Pg. 8	100° Ambient to 5000 Ft.*	D-0470 (FCA-14)				
Pg. 8	105° Ambient to 5000 Ft.**	D-0470 (FCA-14)				
8-20	Fan Speed Control Condenser Motor	B-095C				X
8-23	Condenser Fan Motor	D-0680				
8-1	Fan Speed Control Motor Fan Blade	D67-003A				
8-1A	Fan Motor Blade	D-016C				
8-2	Fan Guard	D-016G				
8-19	Fan Speed Control Capacitor	B-095B				X
8-21	Boot	B-1450				X
8-22	Strap	B15-0120				X
8-25	Relief Valve	W-0170				X
8-10	Fuseblock	E-1030		E-1060		
8-11	Fuse	E-2070		E-2410		
8-16	Transformer 75 VA	E-007A		E-007B	E-007C	X
8-12	Transformer 1.5 KVA	-	-	E-0010	E-0020	X
8-15	Circuit Breaker	E-276C				
8-17	Fan Speed Control	E-3250				X
8-18	Varistor	G-200A				
8-13	2 Pole Contactor	E-011A				X
8-14	Thermostat	E-3080				X

### SERIES PB CONDENSER 8 TON 550A — MAIN FAN (3 HP)

9-9	Blower Wheel & Housing (2)	B-1170				
—	Shaft	B-1140				
—	Bearing (2)	B-064A				
—	Sheave	B-069B				
—	Pulley	B-0450				
—	Bushing	B-1160				
9-10	Motor (3 HP)	B-0240	B-0250	B-0250	B-0260	
9-3	Fuse	E-2740	E-2070	E-2410	E-2410	
9-6	Heater	E-1000	E-0980	E-0910	E-2660	
9-5	Contactor	E-0110				
9-7	Tri-Block Overload	E-009B				
9-2	Transformer	E-007A	E-007A	E-007B	E-007C	
9-1	Circuit Breaker	E-276A				
9-4	Fuseblock	E-1020	E-1020	E-1050	E-1050	
—#	Belts #					

\* Also 95° Ambient over 5,000 ft.  
 \*\* Also 100° Ambient over 5,000 ft.  
 # Consult Factory

**Note:** Condenser Parts are on Page 35.



# SERIES PB CONDENSER (Continued)

8 TON 550A — LEE-TEMP

Find No.	Description	Part Number				RSP
		208 V	230 V	460 V	575 V	
9-12	Receiver			W-0040		
9-13	Rotolock Valve			W-0100		
—	Adapter			W-0110		
—	Liquid Indicator			W-0140		
9-11	Head Pressure Control Valve			W-0340		
9-14	Relief Valve			W-0170		
—	Heater Pad (110 V)			W-015L		
—	Heater Pad (230 V)			W-016L		
—	O-Ring			W-0320		
9-15	Condenser Coil			X02-0020		

# 10 TON FD/UD 116G, 125A, 138W, 190C, 237C, 280C

## MAIN FAN SECTION

Find No.	Description	Part Number				RSP
		208 V	230 V	460 V	575 V	
5-3	Main Fan 2.0 HP	B-0210	B-0220	B-0220	B-0230	
5-18	Heater 2.0 HP	E-0950	E-095A	E-0880	E-0880	
5-5	Fan Pulley	B-0540	B-0540	B-0540	B-0540	
5-4	Motor Sheave	B-005B	B-005B	B-005B	B-005B	
5-1	Blower, Wheel, Housing	B-0010	B-0010	B-0010	B-0010	
5-7	Air Sail Switch	B-0120	B-0120	B-0120	B-0120	
5-7	Air Sail Switch (Air Flow Sensing)	B02-0190	B02-0190	B02-0190	B02-0190	
—	Bearing	B-0040	B-0040	B-0040	B-0040	X
5-16	Contactora	E-0110	E-0110	E-0110	E-0110	X
5-9	Fuseblock	E-1020	E-1020	E-1050	E-1050	
5-10	Fuse	E-2070	E-2070	E-2410	E-2410	
5-17	Tri-Block Overload	E-009B	E-009B	E-009B	E-009B	X
—	Belts	B-060A	B-060A	B-060A	B-060A	
5-3	Main Fan 3.0 HP	B-0240	B-0250	B-0250	B-0260	
5-18	Heater 3.0 HP	E-1000	E-0980	E-0910	E-2660	
5-4	Motor Sheave	B-069B	B-069B	B-069B	B-069B	

## COMPRESSOR SECTION

3-4	Compressor (Carlyle)	C-0060	C-0060	C-0070	C-0080	
3-3	Compressor (Copeland)	C-050D	C-050D	C-050E	C-050F	
5-12	Contactora	E-0100	E-0100	E-009F	E-009F	X
5-9	Fuseblock	E-1040	E-1020	E-1050	E-1050	
5-13	Aux. Contact-Normally Open	E-010A	E-010A	E-010A	E-010A	X
5-13	Aux. Contact-Normally Closed	E-010B	E-010B	E-010B	E-010B	X
3-16	Pressure Switch-Low FSC	P-3070	P-3070	P-3070	P-3070	X
3-17	Pressure Switch-Hi FSC	P-3080	P-3080	P-3080	P-3080	X
3-2	Pressure Switch-Hi/Low	P-001B	P-001B	P-001B	P-001B	X
5-10	Fuse	E-1200	E-1100	E-2730	E-2410	
—	Valveplate and Gasket Kit (Carlyle)	C-0730	C-0730	C-0730	C-0730	X

## REHEAT SECTION

4-19	Safety Switch, 190°F	R-0130	R-0130	R-0130	R-0130	X
4-18	Safety Switch, 125°F	R-013A	R-013A	R-013A	R-013A	X
4-17	Heater	R-0760	R-0770	R-0790	R-0800	
5-15	Contactora	E-011A	E-011A	E-011A	E-011A	X
5-9	Fuseblock	E-1040	E-1020	E-1050	E-1050	X
5-10	Fuse	E-1200	E-2090	E-2410	E-2410	

## HUMIDIFIER SECTION

4-3	Pan Sump	F-6070	F-6070	F-6070	F-6070	
—	Reflector Support	F-6100	F-6100	F-6100	Not App.	
4-8	Reflector, Double	F-601C	F-601C	F-601C	F-602C	
4-9	Quartz Lamp	H-002A	H-0020	H-0020	H-0030	X
4-1	Pan	F-6060	F-6060	F-6060	F-6060	
4-12	Copper Float	H-0040	H-0040	H-0040	H-0040	X
4-12	Float Valve Assy.	H-0050	H-0050	H-0050	H-0050	X
4-11	Overflow Pipe	H-0400	H-0400	H-0400	H-0400	
4-13	Victaulic Coupling	P-4270	P-4270	P-4270	P-4270	
4-13A	Victaulic Coupling, Gasket	P-427A	P-427A	P-427A	P-427A	
4-11A	Overflow Adjustment Nut	H-0410	H-0410	H-0410	H-0410	
4-10	Safety Switch, 150°F	R-013B	R-013B	R-013B	R-013B	X
5-9	Fuseblock	E-1040	E-1020	E-1050	E-1060	
5-11	Contactora	E-0100	E-0100	E-0100	E-011C	X
5-10	Fuse	E-1200	E-2090	E-2020	E-2020	
4-6	Solenoid Valve	H-0380	H-0380	H-0380	H-0380	X
3-5	"Y" Strainer	H-0390				
—	Flow Regulating Valve	H-0440				

## REFRIGERATION SECTION

2-1	Solenoid Valve	P-0070	
2-2	Muffler	P-0040	
2-3	Liquid Indicator	P-0050	

\* Also 95° Ambient over 5,000 ft.

\*\* Also 100° Ambient over 5,000 ft.

# 10 TON FD/UD 116G, 125A, 138W, 190C, 237C, 280C (Continued)

## REFRIGERATION SECTION (Continued)

Find No.	Description	Part Number				RSP
		208 V	230 V	460 V	575 V	
2-4	Filter Drier			P-0020		
3-6	DX Coil (New Style)			X-003B (006-0009)		
3-5	Expansion Valve (New Style)			P02-0170		
	Drain Pan			F-024B		

### COILS

### CHILLED WATER SECTION

3-7	Drain Pans					
3-7	FD/UD 173C			L-001B 006-0016/F024A		
3-7	FD/UD 190C			L-008B 006-0018/F024B		
3-7	FD/UD 237C			L-002B 006-0019/F024B		
3-7	FD/UD 280C			L-002B 006-0019/F024B		

### CHILLED WATER VALVES - 3 WAY

3-13	FD/UD 173C			P-0300		
3-7	FD/UD 190C			P-0300		
3-7	FD/UD 237C			P-0310		
3-7	FD/UD 280C			P-0310		
3-14	Modulating Motor			M-001A/020-0010 (PCB)		
3-15	Valve Linkage			M-0050		
—	High Pressure Valve Linkage			M-007A		
—	Valve Linkage (Special)			M-004A		

## HEAT REJECTION EQUIPMENT

### GLYCOL AND WATER COOLED

6-5	Flow Switch			P-4120		
2-10	Shell and Tube Condenser			J-004C		
3-8	Shell and Tube Condenser (Ametek)†			J-002D (High Pressure)		
3-10	Shell and Tube Condenser (Bohn)†			J-004A (High Pressure)		
3-11	Water Regulating Valve-3 Way			P-0340		
3-11	Water Regulating Valve-2 Way			P-3110		
3-12	Gate Valve ¾"			P-3020		
2-11	Relief Valve - 400 psi			P-2830		
—#	Gaskets					

### GLYCOL COOLED

7-10	3 Pole Contactor			E-0110		
7-13	Thermostat 30-90°			E02-0100		
7-12	2 Pole Contactor	E-011A		E-011B		
7-11	Tri-Block Overload			E-009G		
7-14A	Circuit Breaker 3.2 AMP			E-276C		
7-8	Fuse	E-2080	E-1230	E-2410		
7-9	Fuseblock	E-1020		E-1050		
7-14	75 VA Transformer	E-007A		E-007B	E-007C	
—	1.5 KVA Transformer			E-0010	E-0020	
7-4	Disconnect Switch	E-2430		E-2920		
7-7	2.0 HP Pump	P-381B		P-381B	P-381C	
—	Drycooler			D-0070		

### GLYCOOL

2-5	Modulating Motor			M-001A		
2-6	Linkage			M-0050		
—	Printed Circuit Board			G-109A/020-0010		
2-7	3 Way Chilled Water Valve			P-4390		
2-8	Glycool Coil			X-0910		
2-9	Freezestat			E02-0110		

### AIR COOLED CONDENSERS-LEE TEMP

Pg. 8	95° Ambient to 5000 Ft.			D-0020 (FCA-14)		
Pg. 8	100° Ambient to 5000 Ft.*			D-0050 (FCA-16)		
Pg. 8	105° Ambient to 5000 Ft.**			D-0030 (FCA-21)		
8-23	Condenser Fan Motor			D-0680		

\* Also 95° Ambient over 5,000 ft.

† Must order by Part No. according to Vendor

\*\* Also 100° Ambient over 5,000 ft.

# Consult Factory

## 10 TON HEAT REJECTION EQUIPMENT (Continued)

### AIR COOLED CONDENSERS-LEE TEMP (Continued)

Find No.	Description	Part Number				RSP
		208 V	230 V	460 V	575 V	
8-9	Condenser Fan Blade-26", 1/2" Bore			D-016C		
8-8	Fan Guard			D-016G		
8-4	Receiver			W-0050		
8-5	Liquid Indicator			W-0140		
8-7	Rotolock Valve			W-0100		
—	Valve Adapter			W-0110		
8-3	Head Pressure Control Valve			W-0350		
8-6	Relief Valve-400 psi			W-0170		
8-24	Heater Pad (115 V)			W-015L		X
8-24	Heater Pad (230 V)			W-016L		X
8-26	Fuseblock	E-1030		E-1060		
8-27	Fuse (2 Fan Cond.)	E-2070		E-2410		
8-27	Fuse (3 Fan Cond.)	E-1230		E-2410		
8-30	Transformer 75 VA	E-007A		E-007B	E-007C	X
8-28	Transformer 1.5 KVA	-	-	E-0010	E-0020	X
8-31	Circuit Breaker			E-276C		
8-29	2 Pole Contactor			E-011A		X

### AIR COOLED CONDENSERS-FAN SPEED CONTROL

Pg. 8	95° Ambient to 5000 Ft.			D-0470 (FCA-14)		
Pg. 8	100° Ambient to 5000 Ft.*			D-0480 (FCA-16)		
Pg. 8	105° Ambient to 5000 Ft.**			D-0490 (FCA-21)		
8-20	Fan Speed Control Condenser Motor			B-095C		X
8-23	Condenser Fan Motor			D-0680		
8-1	Fan Speed Control Motor Fan Blade			D67-003A		
8-1A	Fan Motor Blade			D-016C		
8-2	Fan Guard			D-016G		
8-19	Fan Speed Control Capacitor			B-095B		X
8-21	Boot			B-1450		X
8-22	Strap			B15-0120		X
8-25	Relief Valve			W-0170		X
8-10	Fuseblock	E-1030		E-1060		
8-11	Fuse	E-2070		E-2410		
8-16	Transformer 75 VA	E-007A		E-007B	E-007C	X
8-12	Transformer 1.5 KVA	-	-	E-0010	E-0020	X
8-15	Circuit Breaker			E-276C		
8-17	Fan Speed Control			E-3240		X
8-18	Varistor			G-200A		
8-13	2 Pole Contactor			E-011A		X
8-14	Thermostat			E-3080		X

### SERIES PB CONDENSER 10 TON 675A — MAIN FAN (3 HP)

9-9	Blower Wheel & Housing (2)			B-1170		
—	Shaft			B-1140		
—	Bearing (2)			B-064A		
—	Sheave			B-069B		
—	Pulley			B-0450		
—	Bushing			B-1160		
9-10	Motor (3 HP)	B-0240	B-0250	B-0250	B-0260	
9-3	Fuse	E-2740	E-2070	E-2410	E-2410	
9-6	Heater	E-1000	E-0980	E-0910	E-2660	
9-5	Contactor			E-0110		
9-7	Tri-Block Overload			E-009B		
9-2	Transformer	E-007A	E-007A	E-007B	E-007C	
9-1	Circuit Breaker			E-276A		
9-4	Fuseblock	E-1020	E-1020	E-1050	E-1050	
—#	Belts #					

\* Also 95° Ambient over 5,000 ft.

\*\* Also 100° Ambient over 5,000 ft.

# Consult Factory

**Note:** Condenser Parts are on Page 35.

## SERIES PB CONDENSER (Continued)

10 TON 675A — LEE-TEMP

Find No.	Description	Part Number				RSP
		208 V	230 V	460 V	575 V	
9-12	Receiver			W-0040		
9-13	Rotolock Valve			W-0100		
—	Adapter			W-0110		
—	Liquid Indicator			W-0140		
9-11	Head Pressure Control Valve			W-0340		
9-14	Relief Valve			W-0170		
—	Heater Pad (110 V)			W-015L		
—	Heater Pad (230 V)			W-016L		
—	O-Ring			W-0320		
9-15	Condenser Coil			X02-0030		



# 15 TON FD/UD 192G, 199A, 219W, 305C, 386C

## MAIN FAN SECTION

Find No.	Description	Part Number				RSP
		208 V	230 V	460 V	575 V	
5-3	Main Fan 3.0 HP	B-0240	B-0250	B-0250	B-0260	
5-18	Heater 3.0 HP	E-1000	E-0980	E-0910	E-2660	
5-3	Main Fan 5.0 HP	B-0270	B-0280	B-0280	B-0290	
5-18	Heater 5.0 HP	E-2680	E-2670	E-0950	E-0930	
5-5	Fan Pulley 3.0	B-0530	B-0530	B-0530	B-0530	
5-4	Motor Sheave	B-069B	B-069B	B-069B	B-069B	
5-1	Blower, Wheel, Housing	B-0010	B-0010	B-0010	B-0010	X
5-7	Air Sail Switch (Air Flow Sensing)	B02-0190	B02-0190	B02-0190	B02-0190	
5-2	Fan Shaft	B-0030	B-0030	B-0030	B-0030	X
—	Bearing	B-0040	B-0040	B-0040	B-0040	X
5-16	Contact	E-0110	E-0110	E-0110	E-0110	X
5-9	Fuseblock	E-1020	E-1020	E-1050	E-1050	X
5-10	Fuse 3.0	E-2740	E-2070	E-2410	E-2410	
5-17	Tri-Block Overload	E-009B	E-009B	E-009B	E-009B	X
—	Belts-5.0 HP	B-060A	B-060A	B-060A	B-060A	X
5-5	Pulley 5.0 HP	B-0540	B-0540	B-0540	B-0540	X
5-10	Fuse 5.0 HP	E-2080	E-2080	E-2410	E-2410	X
	Belt 3.0 HP	B-0550	B-0550	B-0550	B-0550	X

## COMPRESSOR SECTION

3-4	Compressor (Carlyle)	C-0090	C-0090	C-0110	C-0120	
5-12	Contact	E-0100	E-0100	E-009F	E-009F	X
5-9	Fuseblock	E-1040	E-1040	E-1050	E-1050	
5-13	Aux. Contact-Normally Open	E-010A	E-010A	E-010A	E-010A	X
5-13	Aux. Contact-Normally Closed	E-010B	E-010B	E-010B	E-010B	X
3-16	Pressure Switch-Low FSC	P-3070	P-3070	P-3070	P-3070	X
3-17	Pressure Switch-Hi FSC	P-3080	P-3080	P-3080	P-3080	X
3-2	Pressure Switch-Hi/Low	P-001B	P-001B	P-001B	P-001B	X
5-10	Fuse	E-1160	E-1160	E-1100	E-3050	
—	Valveplate and Gasket Kit (Carlyle)	C-0730	C-0730	C-0730	C-0730	X

## REHEAT SECTION

4-19	Safety Switch, 190°F	R-0130	R-0130	R-0130	R-0130	X
4-18	Safety Switch, 125°F	R-013A	R-013A	R-013A	R-013A	X
4-17	Heater	R-0860	R-0870	R-0890	R-0900	
5-15	Contact	E-011C	E-011C	E-011A	E-011A	X
5-9	Fuseblock	E-1040	E-1040	E-1050	E-1050	
5-10	Fuse	E-1160	E-3060	E-3050	E-2020	

## HUMIDIFIER SECTION

4-3	Pan Sump	F-6070	F-6070	F-6070	F-6070	
—	Reflector Support	F-6100	F-6100	F-6100	Not App.	
4-8	Quartz Lamp	H-002A	H-0020	H-0020	H-0030	X
4-9	Pan	F-6060	F-6060	F-6060	F-6060	
4-12	Copper Float	H-0040	H-0040	H-0040	H-0040	X
4-12	Float Valve Assy.	H-0050	H-0050	H-0050	H-0050	X
4-11	Overflow Pipe	H-0400	H-0400	H-0400	H-0400	
4-13	Victaulic Coupling	P-4270	P-4270	P-4270	P-4270	
4-13A	Victaulic Coupling, Gasket	P-427A	P-427A	P-427A	P-427A	
4-11A	Overflow Adjustment Nut	H-0410	H-0410	H-0410	H-0410	
4-10	Safety Switch, 150°F	R-013B	R-013B	R-013B	R-013B	X
5-9	Fuseblock	E-1040	E-1020	E-1050	E-1060	
5-11	Contact	E-0100	E-0100	E-0100	E-011C	X
5-10	Fuse	E-1200	E-2090	E-2020	E-2020	
4-6	Solenoid Valve	H-0380	H-0380	H-0380	H-0380	X
—	Reflection, Double	F-601C	F-601C	F-601C	F-602C	
—	"Y" Strainer			H-0390		
—	Flow Regulating Valve			H-0440		

## REFRIGERATION SECTION

2-1	Solenoid Valve	P-0080	
2-2	Muffler	P-0030	

\* Also 95° Ambient over 5,000 ft.

\*\* Also 100° Ambient over 5,000 ft.

Note: Condenser Parts are on Page 35.

# 15 TON FD/UD 192G, 199A, 219W, 305C, 386C (Continued)

## REFRIGERATION SECTION (Continued)

Find No.	Description	Part Number				RSP
		208 V	230 V	460 V	575 V	
2-3	Liquid Indicator			P-0050		
2-4	Filter Drier			P-0060		
3-6						
3-6	DX Coil (New Style)			X-004B (006-0011)		
3-5	Expansion Valve (New Style)			P02-0190		
	Drain Pan			F-0250		

## CHILLED WATER SECTION

### CHILLED WATER COILS

3-7	Drain Pan		F-0250	
	Chilled Water Coils (New Style)			
3-7	FD/UD 305C		L-009B/006-0020	
3-7	FD/UD 386C		L-004B/006-0043	
3-13	Chilled Water Valve 1½"-3 way		P-3600	
3-14	Modulating Motor		M-001A	
3-15	Valve Linkage		M-0050	
—	High Pressure Valve Linkage		M-007A	
—	Valve Linkage (Special)		M-004A	
	PCB		020-0010	
	Chilled Water Valve-2 way		P-4310	

## 15 TON HEAT REJECTION EQUIPMENT

### GLYCOL AND WATER COOLED

6-5	Flow Switch		P-4120	
2-10	Shell and Tube Condenser		J-002C	
—#	Gaskets			X
3-11	Water Regulating Valve 1" 2 Way		P-3110	
3-11	Water Regulating Valve 1" 3 Way		P-0340	
3-12	Gate Valve ¾"		P-3020	
2-11	Relief Valve - 400 psi		P-2830	
3-8	Shell and Tube Condenser (Ametek)†		J-002D (High Pressure)	
3-10	Shell and Tube Condenser (Bohn)†		J-002A (High Pressure)	

### GLYCOL COOLED

7-10	3 Pole Contactor		E-0110	
7-13	Thermostat 30°-90°F		E02-0100	
7-12	2 Pole Contactor		E-011A	
7-11	Tri-Block Overload		E-009G	
7-14A	Circuit Breaker		E-276C	
7-9	Fuseblock	E-1040		E-1050
7-8	Fuse	E-2100		E-2410
7-14	75 VA Transformer	E-007A	E-007B	E-007C
—	1.5 KVA Transformer		E-0010	E-0020
7-7	3 HP Pump	P-296A	P-296A	P-296B
7-4	Disconnect Switch	E-292A		E-2920
—	Drycooler		D-0080	

### GLYCOOL

2-5	Modulating Motor		M-001A	
2-6	Linkage		M-0050	
—	Printed Circuit Board		(G-109A) 020-0010	
2-7	3 Way Chilled Water Valve		P-4390	
2-8	Glycool Coil		X-0920	
2-9	Freezestat		E02-0110	

### AIR COOLED CONDENSERS-LEE TEMP

Pg. 8	95° Ambient to 5000 Ft.		D-0030 (FCA-21)	
Pg. 8	100° Ambient to 5000 Ft.* (ACD-24)	D-0210	D-0220	D-0290
Pg. 8	105° Ambient to 5000 Ft.** (ACD-24)	D-0210	D-0220	D-0290
8-23	Condenser Fan Motor (FCA-21)		D-0680	
8-9	Fan Motor Blade (FCA-21)		D-016C	
8-8	Fan Guard (FCA-21)		D-016G	
8-23	Condenser Fan Motor (ACD-24)	B67-0010	B67-0040	D-0420
8-9	Fan Motor Blade		D67-003A	

\* Also 95° Ambient over 5,000 ft.

† Must order by Part No. according to Vendor

\*\* Also 100° Ambient over 5,000 ft.

# Consult Factory

Note: Condenser Parts are on Page 35.

# 15 TON HEAT REJECTION EQUIPMENT (Continued)

## AIR COOLED CONDENSERS-LEE TEMP (Continued)

Find No.	Description	Part Number				RSP
		208 V	230 V	460 V	575 V	
8-8	Fan Guard (ACD-24)			D67-003B		
8-4	Receiver			W-0050		
8-5	Liquid Indicator			W-0140		
8-7	Rotolock Valve			W-0100		
—	Valve Adapter			W-0110		
8-3	Head Pressure Control Valve			W-0340		X
8-6	Relief Valve-400 psi			W-0170		X
8-24	Heater Pad (115 V)			W-015L		X
8-24	Heater Pad (230 V)			W-016L		X
8-26	Fuseblock	E-1030		E-1060	E-1050	
8-27	Fuse	E-2080	E-1230	E-2410		
8-30	75 VA Transformer	E-007A		E-007B	E-007C	X
8-31	Circuit Breaker			E-276C		
8-29	Contacto	E-0110(3p)	E-011A(2p)	E-011A(2p)	E-0110(3p)	X

## AIR COOLED CONDENSERS-FAN SPEED CONTROL

Pg. 8	95° Ambient to 5000 Ft.			D-0490 (FCA-21)		
Pg. 8	100° Ambient to 5000 Ft.* (ACD-24)	D-0500		D-0510	D-0520	
Pg. 8	105° Ambient to 5000 Ft.** (ACD-24)	D-0500		D-0510	D-0520	
8-20	Fan Speed Control Fan Motor			B-095C		
8-19	Capacitor			B-095B		
8-21	Boot			B-1450		
8-22	Strap			B15-0120		
8-23	Condenser Fan Motor (FCA-21)			D-0680		
8-23	Condenser Fan Motor (ACD-24)	B67-0010		B67-0010	B67-0040	
8-1	Fan Speed Control Motor Fan Blade (FCA-21)			D67-003A		
8-1	Fan Speed Control Motor Fan Blade (ACD-24)			D67-003A		
8-1A	Condenser Motor Fan Blade (FCA-21)			D-016C		
8-1A	Condenser Motor Fan Blade (ACD-24)			D67-003A		
8-2	Fan Guard (FCA-21)			D-016G		
8-2	Fan Guard (ACD-24)			D-016J		
8-10	Fuseblock - 3 Fan, 3 Phase	E-1020		E-1060		
8-10	Fuseblock - 3 Fan, 1 Phase	E-1030		E-1060		
8-11	Fuse	E-2080	E-1230	E-2410		
8-16	75 VA Transformer	E-007A		E-007B	E-007C	
8-12	1.5 KVA Transformer			E-0010	E-0020	
8-15	Circuit Breaker			E-276C		
8-14	Thermostat			E-3080		
8-17	Fan Speed Control			<del>E-3250</del> IC162P/P-		
8-18	Varistor			G-200A		
8-13	2 Pole Contactor			E-011A		
8-13	3 Pole Contactor			E-0110		
8-25	Relief Valve			W-0170		

## SERIES PB CONDENSER 15 TON 925A — MAIN FAN (7 ½ HP)

9-9	Blower Wheel & Housing (2)			B-1170		
—	Shaft			B-1140		
—	Bearing (2)			B-064A		
—	Sheave			B-069B		
—	Pulley			B-0700		
—	Bushing			B-1160		
9-10	Motor (3 HP)	B-0360	B-0350	B-0350	B-0340	
9-3	Fuse	E-2100	E-2100	E-2730	E-2410	
9-6	Heater	E-183A	E-2700	E-1000	E-0980	
9-5	Contacto			E-0009F		
9-7	Tri-Block Overload			E-009B		
9-2	Transformer	E-007A	E-007A	E-007B	E-007C	
9-1	Circuit Breaker			E-276A		
9-4	Fuseblock	E-1040	E-1040	E-1050	E-1050	
—#	Belts #					

\* Also 95° Ambient over 5,000 ft.

\*\* Also 100° Ambient over 5,000 ft.

# Consult Factory

Note: Condenser Parts are on Page 35.

✓

## SERIES PB CONDENSER (Continued)

15 TON 925A — LEE-TEMP

Find No.	Description	Part Number				RSP
		208 V	230 V	460 V	575 V	
9-12	Receiver			W-0040		
9-13	Rotolock Valve			W-0100		
—	Adapter			W-0110		
—	Liquid Indicator			W-0140		
9-11	Head Pressure Control Valve			W-0340		
9-14	Relief Valve			W-0170		
—	Heater Pad (110 V)			W-015L		
—	Heater Pad (230 V)			W-016L		
—	O-Ring			W-0320		
9-15	Condenser Coil			X02-0040		

**20/22 TON FD/UD 240G/265G, 245A/290A, 267W/315W, 411C**

**MAIN FAN SECTION**

Find No.	Description	Part Number				RSP
		208 V	230 V	460 V	575 V	
5-3	Main Fan 5.0 HP	B-0270	B-0280	B-0280	B-0290	
5-18	Heater 5.0 HP	E-2680	E-2670	E-0950	E-0930	
5-3	Main Fan 7.5 HP	B-0360	B-0350	B-0350	B-0340	
5-18	Heater 7.5 HP	E-183A	E-2700	E-1000	E-0980	
5-5	Fan Pulley 5.0 HP	B-0530	B-0530	B-0530	B-0530	
5-5	Pulley 7.5 HP	B-0530	B-0530	B-0530	B-0530	
5-4	Motor Sheave 5.0 HP	B-069B	B-069B	B-069B	B-069B	
5-4	Sheave 7.5 HP	B-069A	B-069A	B-069A	B-069A	
5-1	Blower, Wheel, Housing	B-1170	B-1170	B-1170	B-1170	X
5-7	Air Sail Switch (Air Flow Sensing)	B02-0190	B02-0190	B02-0190	B02-0190	
5-2	Fan Shaft	B-1140	B-1140	B-1140	B-1140	X
—	Bearing	B-064A	B-064A	B-064A	B-064A	X
5-16	Contactor 7.5 HP	E-009F	E-009F	E-009F	E-009F	X
	Contactor 5.0 HP	E-0110	E-0110	E-0110	E-0110	
5-9	Fuseblock 5.0 HP	E-1020	E-1020	E-1050	E-1050	
5-9	Fuseblock 7.5 HP	E-1040	E-1040	E-1050	E-1050	
5-10	Fuse 5.0 HP	E-2080	E-2080	E-2410	E-2410	
5-10	Fuse 7.5 HP	E-2100	E-1200	E-2730	E-2410	
5-17	Tri-Block Overload	E-009B	E-009B	E-009B	E-009B	X
—	Belts 5.0 HP (D)	B-0550	B-0550	B-0550	B-0550	
—	Belts 5.0 & 7.5 HP (V)	B-060A	B-060A	B-060A	B-060A	
—	Belts 7.5 HP (D)	B-1680	B-1680	B-1680	B-1680	

**COMPRESSOR SECTION - 20 TON**

3-4	Compressor	C-0310	C-0310	C-0330	C-0340	
5-12	Contactor	E-2500	E-2500	E-009F	E-009F	X
5-9	Fuseblock	E-1041	E-1041	E-105A	E-1050	
5-13	Aux. Contact-Normally Open	E-010A	E-010A	E-010A	E-010A	X
5-13	Aux. Contact-Normally Closed	E-010B	E-010B	E-010B	E-010B	X
3-16	Pressure Switch-Low FSC	P-3070	P-3070	P-3070	P-3070	X
3-17	Pressure Switch-Hi FSC	P-3080	P-3080	P-3080	P-3080	X
3-2	Pressure Switch-Hi/Low (Lee-Temp)	P-001B	P-001B	P-001B	P-001B	X
5-10	Fuse	E-2028	E-2028	E-2023	E-1100	
—	Valveplate and Gasket Kit	C-0730L C-0740R	C-0730L C-0740R	C-0730L C-0740R	C-0730L C-0740R	X X

**COMPRESSOR SECTION - 22 TON**

3-4	Compressor	C-0620	C-0620	C-0640	C-0650	
5-12	Contactor	E-009H	E-009H	E-009F	E-009F	X
5-9	Fuseblock	E-1041	E-1041	E-105A	E-105A	
5-13	Aux. Contact-Normally Open	E-010A	E-010A	E-010A	E-010A	X
5-13	Aux. Contact-Normally Closed	E-010B	E-010B	E-010B	E-010B	X
3-16	Pressure Switch-Low FSC	P-3070	P-3070	P-3070	P-3070	X
3-17	Pressure Switch-Hi FSC	P-3080	P-3080	P-3080	P-3080	X
3-2	Pressure Switch-Hi/Low (Lee-Temp)	P-001B	P-001B	P-001B	P-001B	X
5-10	Fuse	E-1120	E-2028	E-2023	E-2021	
—	Valveplate and Gasket Kit	C-0730L C-0740R	C-0730L C-0740R	C-0730L C-0740R	C-0730L C-0740R	X X

**REHEAT SECTION**

4-19	Safety Switch, 190°F	R-0130	R-0130	R-0130	R-0130	X
4-18	Safety Switch, 125°F	R-013A	R-013A	R-013A	R-013A	X
4-17	Heater	R-0910	R-0920	R-0940	R-0950	
5-15	Contactor	E-011C	E-011C	E-011A	E-011A	X
5-9	Fuseblock	E-1040	E-1040	E-1050	E-1050	
5-10	Fuse	E-1160	E-1160	E-1100	E-3050	

**HUMIDIFIER SECTION**

4-3	Pan Sump	F-6070	F-6070	F-6070	F-6070	
—	Reflector Support	F-6100	F-6100	F-6100	F-6100	
4-8	Reflector, Double	F-601C	F-601C	F-601C	F-601C	
4-9	Quartz Lamp	H-002A	H-0020	H-0020	H-0030	X
4-1	Pan	F-6060	F-6060	F-6060	F-6060	

\* Also 95° Ambient over 5,000 ft.

\*\* Also 100° Ambient over 5,000 ft.

## 20/22 TON FD/UD 240G/265G, 245A/290A, 267W/315W, 411C (Continued)

### HUMIDIFIER SECTION (Continued)

Find No.	Description	Part Number				RSP
		208 V	230 V	460 V	575 V	
4-12	Copper Float	H-0040	H-0040	H-0040	H-0040	X
4-12	Float Valve Assy.	H-0050	H-0050	H-0050	H-0050	X
4-11	Overflow Pipe	H-0400	H-0400	H-0400	H-0400	
4-13	Victaulic Coupling	P-4270	P-4270	P-4270	P-4270	
4-13A	Victaulic Coupling, Gasket	P-427A	P-427A	P-427A	P-427A	
4-11A	Overflow Adjustment Nut	H-0410	H-0410	H-0410	H-0410	
4-10	Safety Switch, 150°F	R-013B	R-013B	R-013B	R-013B	X
5-9	Fuseblock	E-1020	E-1020	E-1050	E-1050	
5-11	Contactor	E-009F	E-009F	E-009F	E-009F	X
5-10	Fuse	E-2090	E-2090	E-2020	E-2410	
4-6	Solenoid Valve	H-0380	H-0380	H-0380	H-0380	X
3.5	"Y" Strainer	H-0390				
	Flow Regulating Valve	H-0440				

### REFRIGERATION SECTION

2-1	Solenoid Valve	P-2870	
2-2	Muffler	P-2900	
2-3	Liquid Indicator	P-2880	
2-4	Filter Drier	P-2890	
	DX Coil (New Style-20 Ton)	X-010B 006-0051	
3-6	DX Coil (New Style-22 Ton)	X-010B 006-0012	
3-5	Expansion Valve (New Style-20 Ton)	P02-0220	
3-5	Expansion Valve (New Style-22 Ton)	P02-0210	
	Drain Pan	F-2160	

### CHILLED WATER SECTION

3-7	Chilled Water Coil (New Style)	(006-0021)	
3-13	Chilled Water Valve 1½" 3 Way	P-3600	
	Chilled Water Valve 1½" 2 Way	P-4310	
3-14	Modulating Motor	M-001A	
3-15	Valve Linkage	M-0050	
—	High Pressure Valve Linkage	M-007A	
—	Valve Linkage (Special)	M-004A	
	Drain Pan	F-2160	
	PCB	020-0010	

### HEAT REJECTION EQUIPMENT GLYCOL AND WATER COOLED

6-5	Flow Switch	P-4120	
2-10	Shell and Tube Condenser	J-011C	
— #	Gaskets		X
3-11	Water Regulating Valve 1¼" 2 Way	P-3450	X
3-11	Water Regulating Valve 1¼" 3 Way	P-2780	X
3-12	Gate Valve ¾"	P-3020	
2-11	Relief Valve - 400 psi	P-2830	X
3-8	Shell and Tube Condenser (Ametek)†	J-011D (High Pressure)	
3-10	Shell and Tube Condenser (Bohn)†	J-011A (High Pressure)	

### GLYCOL COOLED

7-10	3 Pole Contactor	E-0110			X
7-13	Thermostat	E02-0100			X
7-11	Tri-Block Overload	E-009G			
7-14A	Circuit Breaker	E-276C			
7-14	75 VA Transformer	E-007A	E-007B	E-007C	X
7-9	Fuseblock	E-1040	E-1020	E-1050	
7-8	Fuse	E-2100	E-2090	E-2410	
7-7	3 HP Pump		P-296A	P-296B	
—	Drycooler (FD/UD 240G)	D-0250	D-0260	D-0310	
—	Drycooler (FD/UD 265G)	D-0340	D-0350	D-0360	

### GLYCOOL

2-5	Modulating Motor	M-001A	
2-6	Linkage	M-0050	
—	Printed Circuit Board	(G-109A) 020-0010	
2-7	3 Way Chilled Water Valve	P-4390	

\* Also 95° Ambient over 5,000 ft.

† Must order by Part No. according to Vendor

\*\* Also 100° Ambient over 5,000 ft.

# Consult Factory

## 20/22 TON HEAT REJECTION EQUIPMENT (Continued)

### GLYCOOL (Continued)

Find No.	Description	Part Number				RSP
		208 V	230 V	460 V	575 V	
2-8	Glycool Coil			X-0930		
2-9	Freezestat			E02-0110		

### AIR COOLED CONDENSERS-LEE TEMP

#### FD/UD 245A

Pg. 8	95° Ambient to 5000 Ft. (ACD-24)	D-0210	D-0220	D-0290	
Pg. 8	100° Ambient to 5000 Ft.* (ACD-28)	D-0230	D-0240	D-0300	
Pg. 8	105° Ambient to 5000 Ft.** (ACD-32)	D-0390	D-0400	D-0410	

#### FD/UD 290A

Pg. 8	95° Ambient to 5000 Ft. (ACD-28)	D-0230	D-0240	D-0300	
Pg. 8	100° Ambient to 5000 Ft.* (ACD-32)	D-0390	D-0400	D-0410	
Pg. 8	105° Ambient to 5000 Ft.** (ACD-38)	D-0750	D-0760	D-0770	
8-23	Condenser Fan Motor	B67-0010			B67-0040
8-9	Condenser Fan Blade	D67-003A			
8-8	Fan Guard	D67-003B			
8-4	Receiver	W-0060			
8-5	Liquid Indicator	W-0140			
8-7	Rotolock Valve	W-0100			
—	Valve Adapter	W-0110			
8-3	Head Pressure Control Valve	W-0340			X
8-6	Relief Valve-400 psi	W-0170			
8-24	Heater Pad (115 V)	W-015L			
8-24	Heater Pad (230 V)	W-016L			
8-26	Fuseblock (3 Fan Condensers)	E-1020	E-1030	E-1050	
8-27	Fuse (3 Fan Condensers)	E-2080	E-1230	E-2410	
8-26	Fuseblock (4 Fan Condensers)	E-1040	E-1020	E-1050	
8-27	Fuse (4 Fan Condensers)	E-1200	E-2090	E-2410	
8-31	Circuit Breaker	E-276C			
8-29	3 Pole Contactor	E-0110			
8-30	75 VA Transformer	E-007A	E-007B	E-007C	
8-28	1.5 KVA Transformer	-	-	E-0010	E-0020
—	Tri-Block Overload	-	-	-	E-009G

### AIR COOLED CONDENSERS-FAN SPEED CONTROL

#### FD/UD 245A

Pg. 8	95° Ambient to 5000 Ft. (ACD-24)	D-0500	D-0510	D-0520	
Pg. 8	100° Ambient to 5000 Ft.* (ACD-28)	D-0530	D-0540	D-0550	
Pg. 8	105° Ambient to 5000 Ft.** (ACD-32)	D-0560	D-0570	D-0580	

#### FD/UD 290A

Pg. 8	95° Ambient to 5000 Ft. (ACD-28)	D-0530	D-0540	D-0550	
Pg. 8	100° Ambient to 5000 Ft.* (ACD-32)	D-0560	D-0570	D-0580	
Pg. 8	105° Ambient to 5000 Ft.** (ACD-38)	D-0720	D-0730	D-0740	
8-17	Fan Speed Control	E-3250			
8-18	Varistor	G-200A			
8-10	Fuseblock (3 Fan Condensers)	E-1020			E-1050
8-11	Fuse (3 Fan Condensers)	E-2080	E-1230	E-2410	
8-10	Fuseblock (4 Fan Condensers)	E-1040	E-1020	E-1050	
8-11	Fuse (4 Fan Condensers)	E-1200	E-2090	E-2410	
8-16	75 VA Transformer	E-007A	E-007B	E-007C	
8-12	1.5 KVA Transformer		E-0010	E-0020	
8-15	Circuit Breaker	E-276C			
8-14	Thermostat	E-3080			
8-13	2 Pole Contactor	E-011A			
8-13	3 Pole Contactor	E-0110			
8-25	Relief Valve	W-0170			
8-20	Fan Speed Control Condenser Motor	B-095C			
8-23	Condenser Fan Motor	B67-0010	B67-0010	B67-0040	
8-1	Fan Speed Control Motor Fan Blade	D67-003A			
8-1A	Condenser Fan Motor Blade	D67-003A			
8-19	Fan Speed Control Capacitor	B-095B			
8-21	Boot	B-1450			
8-22	Strap	B15-0120			
8-2	Fan Guard	D67-003B			

\* Also 95° Ambient over 5,000 ft.

\*\* Also 100° Ambient over 5,000 ft.

**Note:** Condenser Parts are on Page 35.

**SERIES PB CONDENSER**  
**20 TON 1100A — MAIN FAN (7½ HP)**

Find No.	Description	Part Number				RSP
		208 V	230 V	460 V	575 V	
9-9	Blower Wheel & Housing (2)	B-1170				
—	Shaft	B-1140				
	Bearing (2)	B-064A				
	Sheave	B-069A				
	Pulley	B-0530				
	Bushing	B-1160				
9-10	Motor (7½ HP)	B-0360	B-0350	B-0350	B-0340	
9-3	Fuse	E-2100	E-1200	E-2730	E-2410	
9-6	Heater	E-183A	E-2700	E-1000	E-0980	
9-5	Contactor	E-009F				
9-7	Tri-Block Overload	E-009B				
9-2	Transformer	E-007A	E-007A	E-007B	E-007C	
9-1	Circuit Breaker	E-276A				
9-4	Fuseblock	E-1040	E-1040	E-1050	E-1050	
—#	Belts #					

**LEE-TEMP**

9-12	Receiver	W-0040				
9-13	Rotolock Valve	W-0100				
—	Adapter	W-0110				
—	Liquid Indicator	W-0140				
9-11	Head Pressure Control Valve	W-0340				
9-14	Relief Valve	W-0170				
—	Heater Pad (110 V)	W-015L				
—	Heater Pad (230 V)	W-016L				
—	O-Ring	W-0320				
9-15	Condenser Coil	X02-0050				

**SERIES PB CONDENSER**  
**22 TON 1350A — MAIN FAN (10 - 15 HP)**

9-9	Blower Wheel & Housing (2)	10 HP 15 HP	B05-0040				
—	Shaft	10 HP 15 HP	B05-0150				
—	Bearing (2)	10 HP 15 HP	B05-0200				
—	Sheave	10 HP 15 HP	B02-0010 B02-0030				
—	Pulley	10 HP 15 HP	B02-0060 B02-0070				
—	Bushing	10 HP 15 HP	B05-0220 B02-0090				
9-10	Motor	10 HP 15 HP	B05-006A B05-008A	B05-0060 B05-0080	B05-0060 B05-0080	B02-0100 B02-0130	
9-3	Fuse	10 HP 15 HP	E-3060 E-2028	E-2100 E-116A	E-2020 E-2021	E-2730 E-1100	
9-6	Heater	10 HP 15 HP	E-3810 E-3830	E-183A E-3840	E-2670 E-1830	E-1000 E-2690	
9-5	Contactor	10 HP 15 HP	E-0100 E-2500	E-009F E-0100	E-009F	E-009F	
9-7	Tri-Block Overload	10 HP 15 HP	E-3800	E-009B E-3800	E-009B	E-009B	
9-2	Transformer	10 HP 15 HP	E-007A	E-007A	E-007B	E-007C	
9-1	Circuit Breaker	10 HP 15 HP	E-276A				
9-4	Fuseblock	10 HP 15 HP	E-1040 E-1041	E-1040 E-1041	E-1050	E-1050	
—#	Belts #						

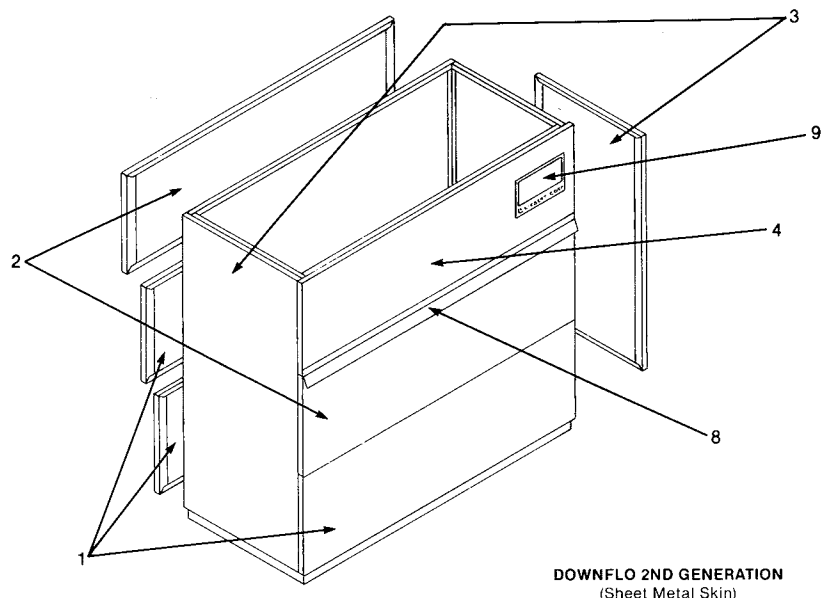
**LEE-TEMP (10 - 15 HP)**

9-12	Receiver	W-0040				
9-13	Rotolock Valve	W-0100				
—	Adapter	W-0110				
—	Liquid Indicator	W-0140				
9-11	Head Pressure Control Valve	W-0340				
9-14	Relief Valve	W-0170				
—	Heater Pad (110 V)	W-015L				



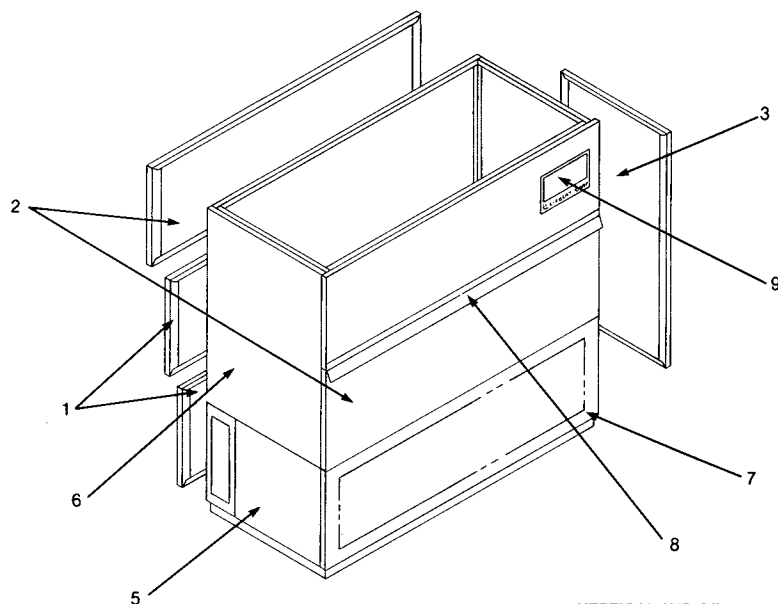
**SERIES PB CONDENSER (Continued)****22 TON 1350A — LEE-TEMP (10 - 15 HP)**

Find No.	Description	Part Number				RSP
		208 V	230 V	460 V	575 V	
—	Heater Pad (230 V)			W-016L		
—	O-Ring			W-0320		
9-15	Condenser Coil			X02-0050		
—	Special Condenser Coil			X02-0060		



**DOWNFLO 2ND GENERATION**  
(Sheet Metal Skin)

**EXTERIOR PANELS**



**VERTICAL 2ND GENERATION**  
(Sheet Metal Skin)

**EXTERIOR PANELS**

Find No.	Description	6/10 Ton	15 Ton	20/22 Ton
32-3	End Panel	F02-1000	F02-1000	F02-1010
32-1	Bottom Front & Bottom or Middle Rear	F02-1030	F02-1040	F02-1050
32-2	Middle Front & Top Rear	F02-1060	F02-1070	F02-1080
32-4	Accent Panel without Disconnect	F02-4000	F02-4010	F02-4020
32-4	Accent Panel with Non-Locking Disconnect	F02-4030	F02-4040	F02-4050
32-4	Accent Panel with Locking Disconnect	F02-4060	F02-4070	F02-4080
32-6	Vertical Top Compressor Panel	F02-1130	F02-1140	F02-1150
32-5	Vertical Bottom Compressor Panel	F02-1160	F02-1170	F02-1180
32-7	Vertical-Rear Return-Bottom Rear Panel	F02-1100	F02-1110	F02-1120
32-7	Vertical-Front Return-Bottom Front Panel	F02-1100	F02-1110	F02-1120
32-8	Accent Panel Trim	T-0220	T-0230	T-0240
32-	Non-Locking Disconnect Bezel	Y-032A	Y-032A	Y-032A
32-9	PCR Trim	Y-0810	Y-0810	Y-0810

**NEW STYLE AIR SEAL**

32-1	Bottom Front & Bottom or Middle Rear	F02-7080	F02-7090	F02-7100
32-2	Middle Front & Top Rear	F02-7110	F02-7120	F02-7130
32-7	Vertical-Rear Return-Bottom Rear Panel	F02-7140	F02-7150	F02-7160
32-7	Vertical-Front Return-Bottom Front Panel	F02-7140	F02-7150	F02-7160

# FILTERS, MISCELLANEOUS, EXTERIOR PANELS, PCR ASSEMBLY, OPTIONAL

## MISCELLANEOUS EQUIPMENT

Find No.	Description	Part Number	Find No.	Description	Part Number
	Panel Wrench	S-0320		Touch Up Paint (All Colors)	
	Bulb Puller	tbultol		Pint Bottle	S-1100
				Sprayer Power Unit	S-1090
				Quart Can	Z-203A
6-15	Floorstand Vibration Pads	S02-0050 (3½")		Gallon Can	Z-203B
				Pint Can	Z-203C

## FILTER SECTION

Description	Part Number	Filters Per Unit					RSP
		6/10 Ton	FD 15 Ton	UD 15 Ton	FD 20/22 Ton	UD 20/22 Ton	
24x24x2 Prefilter	A-0350	3	3		4		
25x20x2 Prefilter	A-0360			3		2	
24x18x2 Prefilter	A-0340		1				
20x16x2 Prefilter	A-0370			1		3	
24x24x4 Standard 40%	A-0010	3	3		4		
25x20x4 Standard 40%	A-0320			3		2	
24x18x4 Standard 40%	A-0020		1				
20x16x4 Standard 40%	A-0330			1		3	
24x24x4 Hi Eff. 60%	A-0380	3	3		4		
25x20x4 Hi Eff. 60%	A-0400			3		2	
24x18x4 Hi Eff. 60%	A-0390		1				
20x16x4 Hi Eff. 60%	A-0410			1		3	
24x24x6 Hi Eff. 60%	A-0030	3	3		4		
25x20x6 Hi Eff. 60%	A-0110			3		2	
24x18x6 Hi Eff. 60%	A-0040		1				
20x16x6 Hi Eff. 60%	A-0120			1		3	

## GLYCOOL FILTER SECTION

Description	Part Number	Filters Per Unit					RSP
		FD 6/10 Ton	UD 6/10 Ton	FD 15 Ton	UD 15 Ton	FD 20/22 Ton	UD 20/22 Ton
24x24x2 Prefilter	A-0350	2	3	2		4	
25x20x2 Prefilter	A-0360				3		2
24x18x2 Prefilter	A-0340						
20x16x2 Prefilter	A-0370				1		3
24x24x4 Standard 40%	A-0010	2	3	2		3	
25x20x4 Standard 40%	A-0320				3		2
24x18x4 Standard 40%	A-0020	1		1		1	
20x16x4 Standard 40%	A-0330				1		3
24x24x4 Hi Eff. 60%	A-0380	2	3	2		3	
25x20x4 Hi Eff. 60%	A-0400				3		2
24x18x4 Hi Eff. 60%	A-0390	1		1		1	
20x16x4 Hi Eff. 60%	A-0410				1		3
24x24x6 Hi Eff. 60%	A-0030	2	3	2			
25x20x6 Hi Eff. 60%	A-0110				3		2
24x18x6 Hi Eff. 60%	A-0040						
20x16x6 Hi Eff. 60%	A-0120				1		3

1-14	TU223-All DX Units	020-0065 (T001M)	X
1-17	Chilled Water/Elec. Reheat	020-0080 (TUM13)	X
1-15	DX Unit-Hot Water/Steam Reheat	020-0090 (TU22M1)	X
1-16	Chilled Water-Hot Water/Steam Reheat	020-0085 (TUM1M1)	X
1-18	Glycool	020-0075 (TUM1223)	X
1-11	Unit Dry Bulb Sensor	020-0150 (TS002)	X

# FILTERS, MISCELLANEOUS, EXTERIOR PANELS, PCR ASSEMBLY, OPTIONAL (Continued)

## PCR ASSEMBLY (Continued)

Find No.	Description	Part Number				RSP
		208 V	230 V	460 V	575 V	
1-12	Remote Dry Bulb Sensor			020-0005 (TS003)		X
1-13	Sensor Socket			G-0860		
<b>HUMIDITY (WET BULB) CONTROLS AND SENSORS</b>						
1-19	Wet Bulb Control			020-0101 (HGUW)		X
—	Low Range Sensor (30-44%RH)			020-0161 (HS005)		X
—	Normal Range Sensor (43-55%RH)			020-0162 (HS006)		X
—	High Range Sensor (58-72%RH)			020-0163 (HS007)		
1-6	PCR Board (Less Modules-Transformers)			020-0155 (T2002A)		
—	Lamps			G-139A		
—	Start/Stop Relay			G-1360		
—	Display Panel Std.			Y-003B		
—	Display Panel Spcl.			Y-003C		
—	Display Panel Clips			G-1710		
—	Circuit Breaker 3.2 AMP			E-276C		
—	Circuit Breaker 1.0 AMP			E-276B		
1-1	Circuit Breaker Module			T2070		
1-2	Compressor Jump Board			020-0091 (T2020)		
1-7	Legend Cover Switch (Start)			020-0093 (G-1330)		
1-8	Legend Cover Switch (Stop)			G-1340		
1-9	Legend Cover Switch (Silence)			G-1350		
—	Transformer 25 VA			E-007P		X
—	Transformer 75 VA	E-007A		E-007B	E-007C	X
—	Control Voltage Relay 2 Pole			E-013A		
1-10	Filter Clog Switch			E-043C		

## OPTIONAL EQUIPMENT

1-3	Compressor Sequence Switch			020-0095 (T2010)		
1-4	Sentinel Alarm Module			020-0016 (T2030)		
6-	Complete Mode Alert (Less Module) DX			#		
6-	Complete Mode Alert (Less Module) CW			#		
1-5	Winter Start Module			020-0094 (T2050)		
—	Autoflush Module			020-0089 (H0401)		
—	Remote Temperature & Humidity Sensor (30 Ft. Cable)			020-0146 (E0026)		
6-10	Floorstand			#		
7-15	Elmwood Humidifier Safety (Complete)			035-0062 (L3001A)		
7-16	Elmwood Humidifier Safety			H-0450		
7-1	Liquitect Sensor			020-0108 (T4000)		
6-8	Firestat			E-2350		
—	Condensate Pump Assembly (230V) # Kit					
—	Condensate Pump Assembly (460V) # Kit					
4-14	Condensate Pump			X-015A		
—	Lock-In Module			020-0092 (TL0KM0D)		
6-1	Sentinel Thermostat Hi Temp			E-0230		
6-2	Sentinel Thermostat Lo Temp			E-0240		
6-3	Sentinel Humidistat Hi Humidity			E-0330		
6-4	Sentinel Humidistat Lo Humidity			E-0340		
3-1	High Head Pressure Switch			P-312A		
—	Recorder (Honeywell)			K-0140		
—	Sensor			K-0160		
—	Encased 7 day			031-0002		
—	Charts			K-0170		
—	Recorder Motor 7 day			K-0180		
—	Red Pen			K-0200		
—	Purple Pen			K-0210		
—	Recorder Motor 24 hr. 110V (Taylor)			K-0080		
—	Recorder Motor 7 day 110V			K-0070		
—	Recorder Charts 7 day °F			K-0030		
—	Recorder Charts 7 day °C			K-003A		
—	Recorder Charts 24 hr. °F			K-003B		
—	Recorder Charts 24 hr. °C			K-003C		
—	Recorder Ink-Blue			K-0040		
—	Recorder Ink-Red			K-0050		
—	Auto Restart			Kit-0040		
—	Auto Restart with Pneumatic Ride Thru			020-0271		
—	Sequential Auto Restart			Kit-0040 plus E-3530		

# **FILTERS, MISCELLANEOUS, EXTERIOR PANELS, PCR ASSEMBLY, OPTIONAL (Continued)**

## **OPTIONAL EQUIPMENT (Continued)**

Find No.	Description	Part Number				RSP
		208 V	230 V	460 V	575 V	
	Auto Flush I to Auto Flush II			Kit-0085		
4-15	Auto Flush II Module			020-0125 (H0400D)		
4-16	Probe Assembly			020-0432 (T2220)		
—	Complete Auto Flush II			Kit-0092		
6-11	Repeater Panel "A"			031-0004 (TREP NL0)		
6-12	Repeater Panel "B"			031-0005 (TREP NL1)		
6-13	Repeater Panel "C"			031-0007 (TREP NL2)		
6-12	Liqui Tect Panel			031-0005 (TREP NL1)		
6-14	Quick Connect			022-0145 (L3003)		
6-16	50' Cable			022-0147 (L300405)		
6-16	100' Cable			022-0148 (L300410)		
6-9	Smoke Detector Assy (Downflow)			Kit-0035 (SDC102)		
6-9	Smoke Detector Assy (Vertical)			Kit-0035 (SDC103)		

## **AIR-COOLED CONDENSER PARTS (ALL MODELS)**

Description	Part Number	FCA/PFG 5, 10	FCA/PFG 8, 12, 14, 16, 21, 26, 30	FCA/PFG 35	ACD/GLY 6, 7.5, 8, 10	ACD/GLY 11, 13, 15, 21	ACD/GLY 24, 28, 32, 38
Condenser Fan Motor ½ HP, Single Phase, 230-Volt	D-0680	X	X				
Condenser Fan Motor 1 HP, Three Phase, 208/220/440-Volt	D-0690			X			
Condenser Fan Blade ½ Bore, 24"	D-016B	X					
Condenser Fan Blade ¾ Bore, 24" (Fan Speed Ctr.)	D-016E	X					
Condenser Fan Blade ½ Bore, 26"	D-016C		X				
Condenser Fan Blade ¾ Bore, 26" (Fan Speed Ctr.)	D-016D		X	X			
Condenser Fan Motor ¾ HP, 230-Volt (Fan Speed Ctr.)	B-0950	X	X	X			
Condenser Fan Motor ½ HP, Single Phase, 230-Volt	D-0120				X		
Condenser Fan Blade ½ Bore 22"	D-0160				X		
Condenser Fan Motor ½ HP, Single Phase, 230-Volt	D-0130					X	
Condenser Fan Blade ½ Bore 26" — 28°	D-0190					X	
Condenser Fan Motor ¾ HP, Three Phase, 230/460-Volt	B67-001U						X
Condenser Fan Blade, 26" — 36° ¾ Bore Blade	D-0200					X	X
Condenser Fan Motor 1 HP, Three Phase, 575-Volt	D-0420						X
Condenser Fan Motor ¾ HP, Fan Speed Ctr., 230-Volt	B-0950				X	X	X
Condenser Fan Blade ¾ Bore (Fan Speed Ctr.) Blade, 22"	D-016A				X		
Condenser Fan Motor 1 HP, Single Phase, 208-Volt	D-0150						X
Condenser Fan Blade ¾ Bore, 26" — 28° (Fan Speed Ctr.)	D-016F					X	X

## **SERIES PB CONDENSER EXTERIOR PANELS, DISCONNECT SWITCHES, BELTS, FILTERS EXTERIOR PANELS**

Find No.	Description	Part Number	
		6/10 Ton	15/22 Ton
	Display Panels No Disconnect	F02-1000	F02-1010
	Display Panels Non-locking Disconnect	F02-6320	F02-6330
	Display Panels Locking Disconnect	F02-6300	F02-6310
	End Panels	F02-1000	F02-1010
	Bottom Front Panels - Bottom & Middle Rear Panels	F02-7080	F02-7100
	Middle Front Panels - Front & Top Rear Panels	F02-7110	F02-7130

**SERIES PB CONDENSER (Continued)**  
**EXTERIOR PANELS, DISCONNECT SWITCHES, BELTS, FILTERS**  
**DISCONNECT SWITCH**

Find No.	Description	Part Number		
		250 V	480 V	600 V
	Disconnect Switch (100 AMP)	E-2890	E-2880	E-2910

**BELTS**

		TOP DISCHARGE	REAR DISCHARGE
	Fan Motor (2 HP)	B-1510	B-1510
	Fan Motor (3 HP)	B-1550	B-1540
	Fan Motor (7½ HP)	B-1600	B-1580
	Fan Motor (10 HP)	B-1610	B05-0250
	Fan Motor (15 HP)	B-1590	B-1560

**FILTERS**

		6/10 Ton	15 Ton	22 Ton
	Filters 18x18x2	A02-0010 (4)	A02-0010 (6)	A02-0010 (4)
	Filters 18x24x2	A-0340 (2)	A-0340 (2)	A-0340 (4)





1050 Dearborn Drive  
P. O. Box 29186  
Columbus, Ohio 43229  
614-888-0246 Telex 246-655  
Liebert WQGN

Specifications subject to change without notice.

© 1981 Liebert Corporation  
All rights reserved  
throughout the world

Part No. 10580 (Rev. 6/83)

Printed in U.S.A.