

Deluxe System 3 Parts Manual 60 Hz Rev. 1/86

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La Liebert

- Computer Support Systems
 Environmental Control Power Protection
 Monitoring/Control

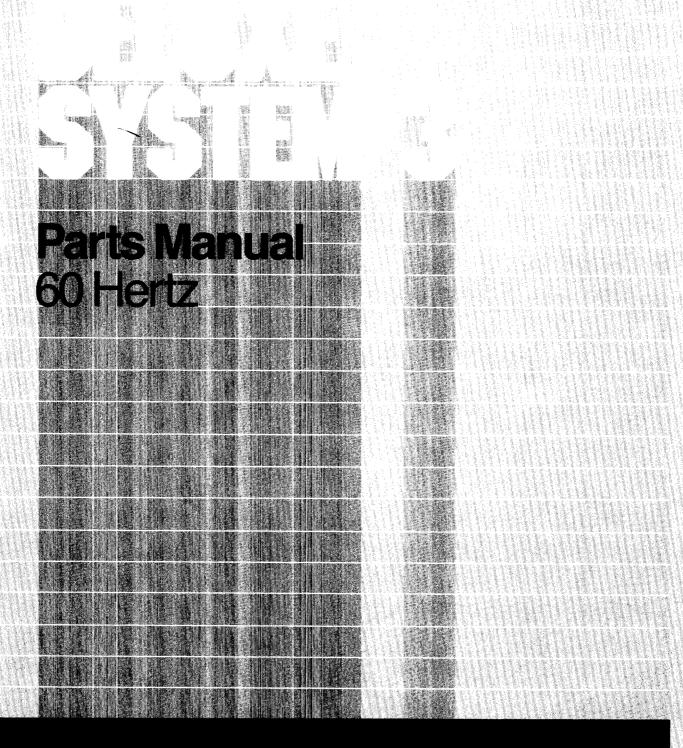


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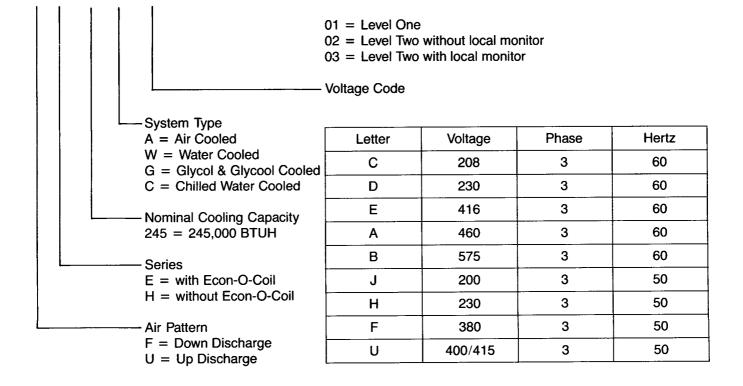
Using This Parts Book

- **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					
		208 V	230 V	460 V	575 V		
Pg. 8	95° Ambient to 5000 Ft.		D-0	450 (FCA8)			
Pg. 8	100° ambient to 5000 Ft.*		D-0	460 (FCA12)			
Pg. 8	105° Ambient to 5000 Ft.**		D-0	460 (FCA-12)			
8-20	Fan Speed Control Condenser Motor		B-0	95C		X	
8-23	Condenser Fan Motor	D-0680					
8-1	Fan Speed Control Motor Fan Blade	D-016D					
8-1A	Fan Motor Blade		D-016C				
8-2	Fan Guard		D-0	16G			
8-19	Fan Speed Control Capacitor		B-0	95B		X	
8-21	Boot		B-1	450		Х	
8-22	Strap		B-1	460		Х	
8-25	Relief Valve		W-(170		X	
8-10	Fuseblock	E-1	030	E-	1060		
8-11	Fuse	E-2070 E-2410					
8-16	Transformer 75 VA	E-0	07A	E-007B	E-007C	Х	
8-12	Transformer 1.5 KVA			E-0010	E-0020	Х	
8-15	Circuit Breaker		E-2	76C			

---- Electronics Level

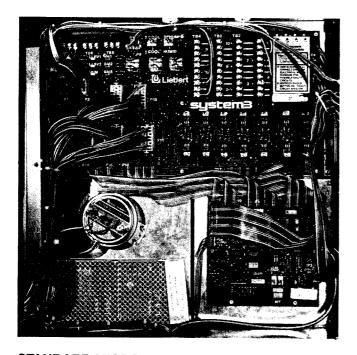
F H 245 A - A 02 —



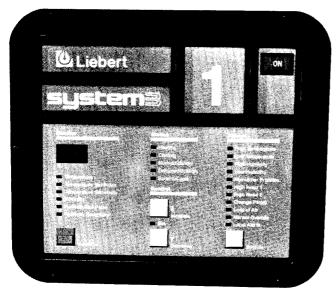




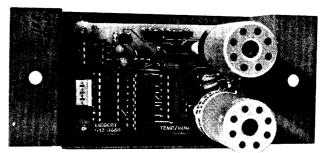
TEMP./HUMID. SENSORS



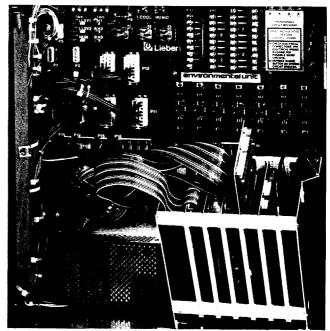
STANDARD MICROPROCESSOR



STANDARD MONITOR



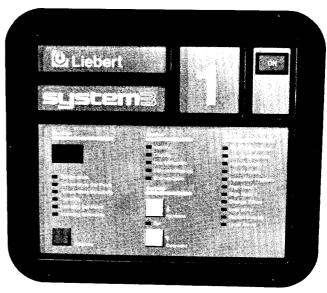
TEMPERATURE/HUMIDITY SENSOR



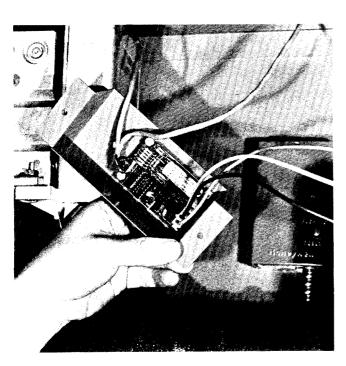
EXTENDED MICROPROCESSOR



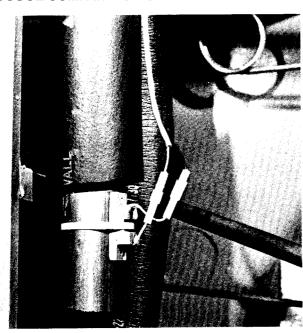
EXTENDED (MONITOR AT SITEMASTER)

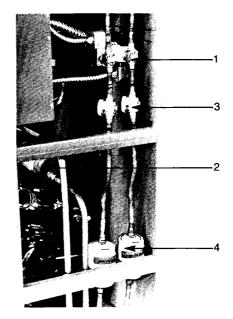


EXTENDED LOCAL MONITOR

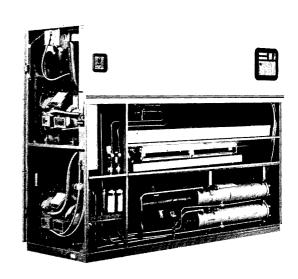


GLYCOOL COMPARATOR SENSORS

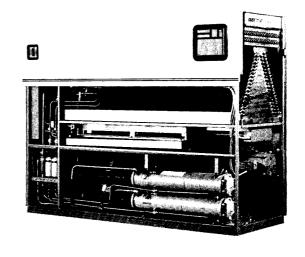


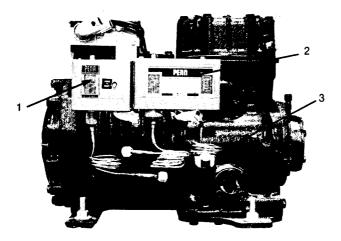


DX COMPONENTS

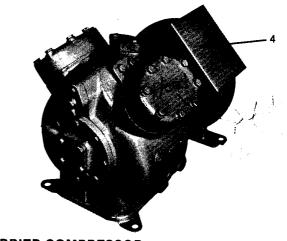


GLYCOOL SYSTEM

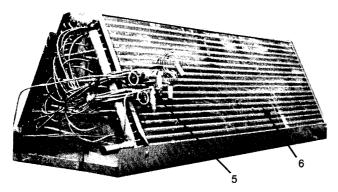




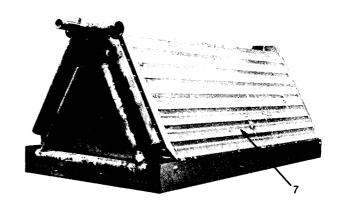
COPELAND COMPRESSOR



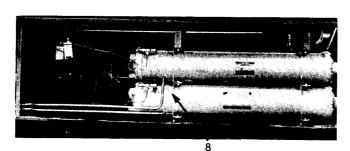
CARRIER COMPRESSOR



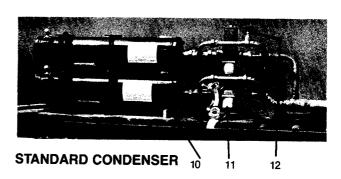
DX COIL



CHILLED WATER COIL

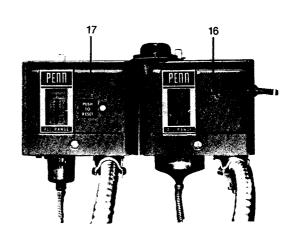


AMETEK CONDENSER

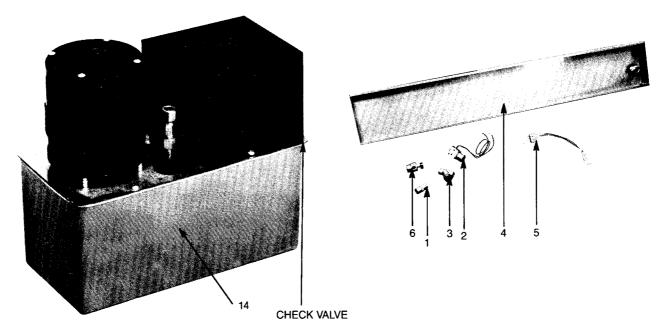


15 15 15

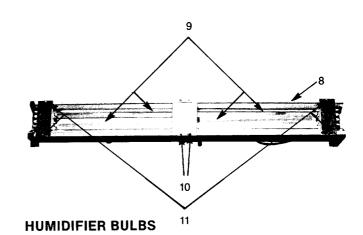
MODULATING CHILLED WATER VALVE

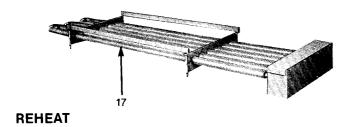


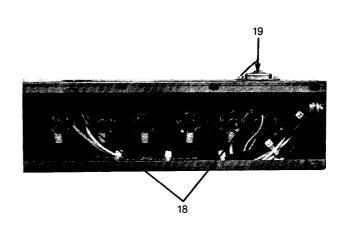
PRESSURE SWITCHES



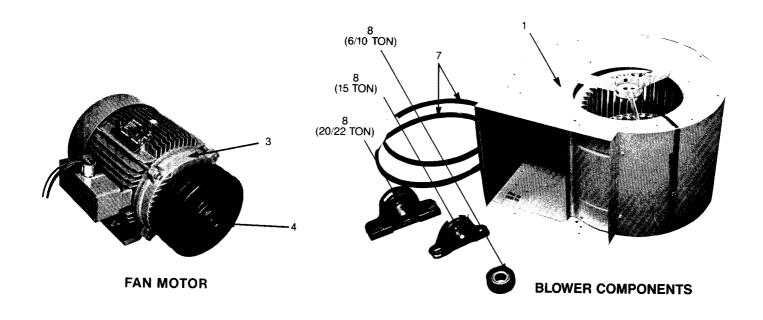
CONDENSATE PUMP (OPTIONAL)

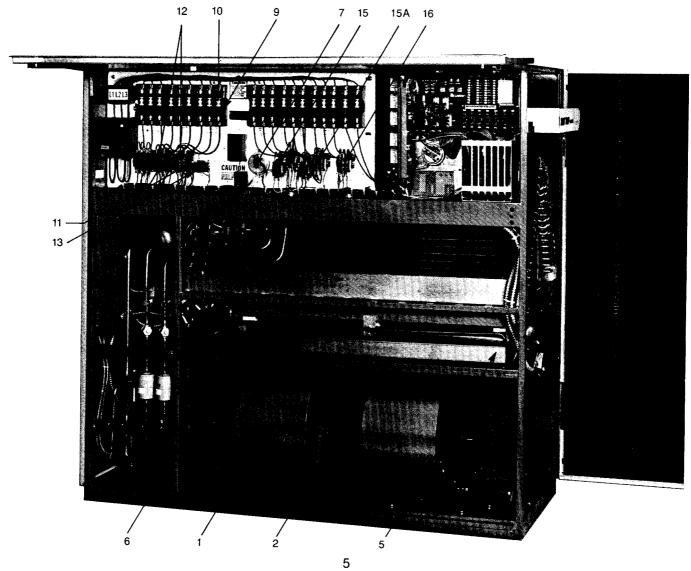




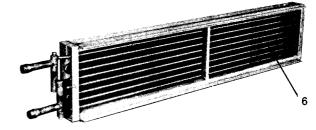


REHEAT COMPONENTS

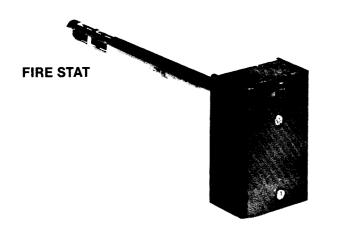






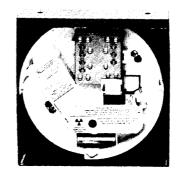


STEAM/HOT WATER REHEAT



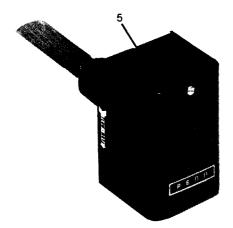






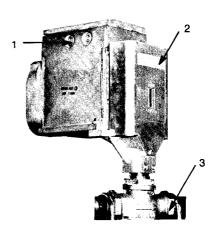


FLOOR STAND

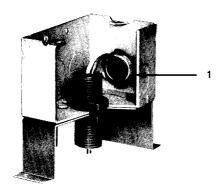


FLOW SWITCH

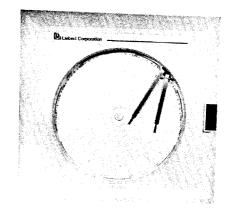
SMOKE DETECTOR



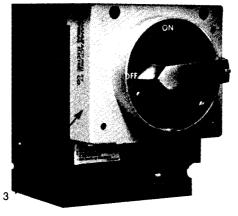
HOT WATER REHEAT VALVE



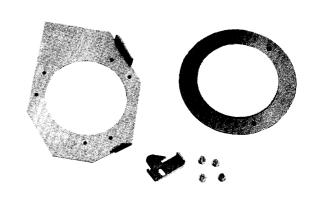
LIQUITECT



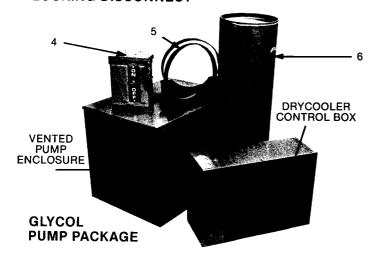
REMOTE TEMPERATURE & HUMIDITY RECORDER



LOCKING DISCONNECT



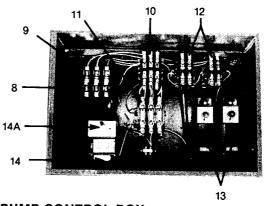
LOCKING DISCONNECT COMPONENTS



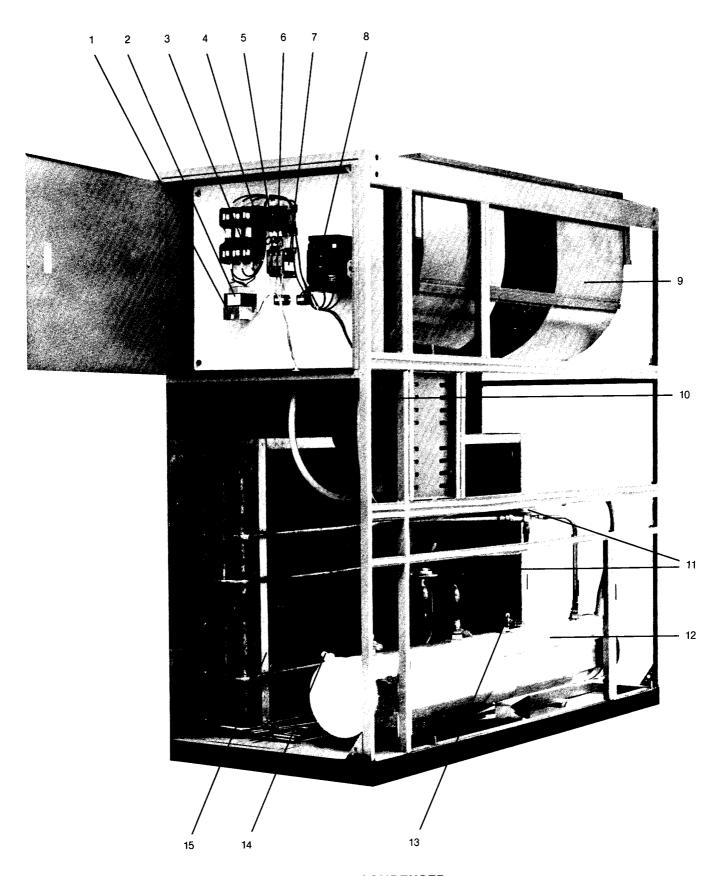
GLYCOL PUMP



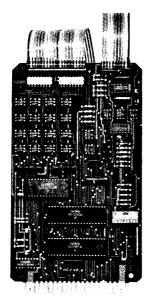
OUTDOOR GLYCOL FLOW SWITCH



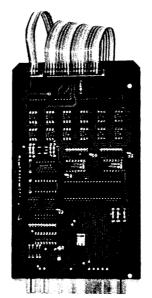
PUMP CONTROL BOX



SERIES PB CONDENSER



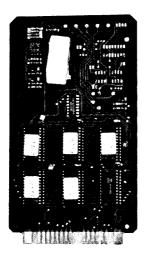
INPUT CARD



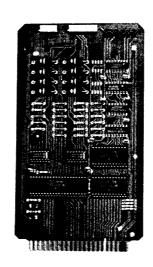
OUTPUT CARD



MICROPROCESSOR CARD



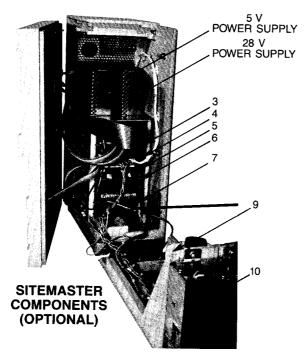
MEMORY CARD

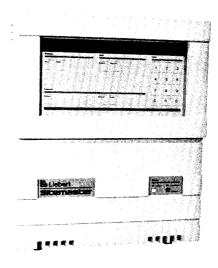


COMMUNICATION CARD



SERVICE TERMINAL





SITEMASTER (CLOSED)

6 TON FH/UH 72G, 75A, 86W MAIN FAN SECTION

Find No.	Description	Part Number				
		208 V	230 V	460 V	575 V	I
5-3	Main Fan 1.0 HP	B-016B	B016B	B-016B	B-017A	
5-3	Main Fan 1.5 HP	B-019A	B-019A	B-019A	B-020A	
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	<u> </u>
5-8	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	
5-7	Belts (V)	B-060A	B-060A	B-060A	B-060A	
5-7	Belts (D) 1.5 HP	B-0550	B-0550	B-0550	B-0550	

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	Contactor	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 (V) (1 Required)	R-0130	R-0130	R-0130	R-0130	X
4-18	Safety Switch, 125°F (V) (2 Required)	R-013A	R-013A	R-013A	R-013A	X
4-17	Heater	R-0710	R-0720	R-0740	R-0750	
5-15	Contactor	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	
	Safety (D) (2 Required)	R-0970				
5-15A	Contactor-Backup	E-0110				

HUMIDIFIER SECTION

	Reflector Support	F-6100	F-6100	F-6100	F-6100				
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			
5-5	Pan	F30-0450	F30-0450	F30-0450	F30-0450				
4-10	Middle Block Cover		F-60)1D					
4-11	End Block Cover		F-60)90					
5-6	Rubber Elbow		P-54	11A					
	Bus Bar		H-0360						
	Bus Bar		H-0:	370					
	Porcelain Socket		H-014A						
	Power Block	H-0460	H-0460	H-0460	N/A				
4-4	Probe Assembly		020	-0432					
	Probe Bracket		F30	-048A					
	Safety Switch, 150°F	R13-0090	R13-0090	R13-0090	R13-0090	Х			
5-9	Fuseblock	E-1040	E-1020	E-1050	E-1060				
5-11	Contactor	E-0100	E-0100	E-0100	E-011C	X			
4-2	Solenoid Valve	H-0380	H-0380	H-0380	H-0380	X			
5-10	Fuse	E-1200	E-2090	E-2020	E-2020				
4-3	"Y" Strainer		H-0	390					
4-1	Flow Regulating Valve			440					
4-6	Push Button Drain Valve			430					
	Manual Reset Safety		H-0	450		<u> </u>			

6 TON FH/UH 72G, 75A, 86W (Continued) REFRIGERATION SECTION

Find No.	Description	Part Number				
		208 V	230 V	460 V	575 V	
2-1	Solenoid Valve		P-00	070		X
2-2	Muffler		P-00			 ^ -
2-3	Liquid Indicator	P-0050				
2-4	Filter Drier		P-00			+
	Solenoid Coil			770R		
	Solenoid Internal Parts Kit			790R		+
3-6	DX Coil (New Style)	X-001B (006-0005)				
3-5	Expansion Valve (New Style)			-0180	1	
	Drain Pan		F-02			

HEAT REJECTION EQUIPMENT

GLYCOL AND WATER COOLED

6-5	Flow Switch	P-4120
3-10	Shell and Tube Condenser	J-009E
3-8	Shell and Tube Condenser (Ametek)†	J-009F (High Pressure)
3-11	Water Regulating Valve-3 Way	P-0340
3-11	Water Regulating Valve-2 Way	P-3110
3-12	Gate Valve 3/4"	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°		02-0100		 		
7-12	2 Pole Contactor		-011A		 		
7-11	Tri-Block Overload		-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		
	1.5 KVA Transformer		E-0010	E-0020	 		
7-4	Disconnect Switch	E-2430		2920			
7-7	1.5 HP Pump	P-281A	P-281A	P-281B	 		
_	Drycooler	D-1780					
7-6	Expansion Tank	P-2840					
7	Flow Switch	P-4620					

GLYCOOL

2-5	Modulating Motor	M-001A	1
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	\vdash
	Linkage HP	M-007A	
	Modulating Motor (HP)	M-0100	

HOT WATER/STEAM

Modulating Motor	M-002A	
Linkage		+
PCB	020-0011	
Coil (Steam)	R-014A	
Valve (2 Way)		
	R-0320	-
"Y" Strainer 1/2"	R-0520	
Trap		
Coil (Hot Water)	R-0140	-
	Linkage PCB Coil (Steam) Valve (2 Way) Valve (3 Way) (HW only) "Y" Strainer ½" Trap	Linkage M-0050 PCB 020-0011 Coil (Steam) R-014A Valve (2 Way) P-0270 Valve (3 Way) (HW only) R-0320 "Y" Strainer ½" R-0520 Trap P02-0240

[†] Must order by Part No. according to Vendor

[#] Consult Factory

6 TON HEAT REJECTION EQUIPMENT (Continued)

VERTICAL GLYCOOL

Find No.	Description	Part Number				
		208 V	230 V	460 V	575 V	
	Coil	066-2209				
	Prain Pan		F30	-1180		

GLYCOOL FE (AIR & WATER)

2-8	Coil (6 Row)	006-0201	
2-7	Valve (3 Way)	P-3600	
2-5	Modulating Motor	M-001A	
2-6	Linkage	M-0050	
	PCB	020-0010	
	Sensor Level 2	020-0372	
	Sensor Level 3	020-0381	
	Pan	F-024A	

SERIES PB CONDENSER

6 TON 350A—MAIN FAN (3 HP)

9-9	Blower Wheel & Housing (2)	B-1170				
	Shaft		B-1	140		
	Bearing (2)		B-0)64A		
	Sheave		B-0)69B		
	Pulley		B-(0450		
	Bushing	B-1160				
9-10	Motor (3 HP)	B-0240	B-0250	B-0250	B-0260	<u> </u>
9-3	Fuse	E-2740	E-2070	E-2410	E-2410	
9-6	Heater	E-1000	E-0980	E-0910	E-2660	ļ
9-5	Contactor		E-(0110		
9-7	Tri-Block Overload		E-(009B		<u> </u>
9-2	Transformer	E-007A	E-007A	E-007B	E-007C	
9-1	Circuit Breaker	E-276A			<u> </u>	
9-4	Fuseblock	E-1020	E-1020	E-1050	E-1050	
#	Belts #			#		

LEE-TEMP

Receiver	W-0040	
	W-0100	
	W-0110	
<u> </u>	W-0140	
	W-0340	
	W-0170	
	W-015L	
	W-016L	
	W-0320	
	X02-0010	
	Receiver Rotolock Valve Adapter Liquid Indicator Head Pressure Control Valve Relief Valve Heater Pad (110 V) Heater Pad (230 V) O-Ring Condenser Coil	Rotolock Valve

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				
		208 V	230 V	460 V	575 V	-	
9.9	Blower Wheel & Housing (2)		B-1	1170			
	Shaft			1140		 	
_	Bearing (2)			064A			
_	Sheave			005B		+	
	Pulley	B-0530				+	
_	Bushing			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	1	
9-5	Contactor			0110	1 2 2010	 	
9-7	Tri-Block Overload			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 #		#	1 = .000	1 2 1000		

LEE-TEMP

9-12	Receiver	W-0040	T
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 FH/UH 110G, 114A, 127W, 139C, 173C MAIN FAN SECTION

Find No.	Description	Part Number				
		208 V	230 V	460 V	575 V	
5-3	Main Fan 1.5 HP	B-019A	B019A	B-019A	B-020A	
5-3	Main Fan 2.0 HP	B-022A	B-022A	B-022A	B-023A	
5-5	Fan Pulley	B-0540	B-0540	B-0540	B-0540	<u> </u>
5-4	Motor Sheave	B-005B	B-005B	B-005B	B-005B	l
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
5-8	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
5-17	Belts (V)	B-060A	B-060A	B-060A	B-060A	
5-7 5-7	Belts (D)	B-0550	B-0550	B-0550	B-0550	

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	J
5-12	Contactor	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	Х
3-17	Pressure Switch-Hi FSC	P-3080	P-3080	P-3080	P-3080	X
3-17	Pressure Switch-Hi/Low	P-001B	P-001B	P-001B	P-001B	X
5-10	Fuse	E-2090	E-2090	E-2410	E-2410	
5-10	Valveplate and Gasket Kit (Carlyle)	C-0730	C-0730	C-0730	C-0730	X

REHEAT SECTION

4-19	Safety Switch, 190°F (V) (1 Required)	R-0130	R-0130	R-0130	R-0130	X
4-18	Safety Switch, 125°F (V) (2 Required)	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-1020	E-1050	E-1050	
5-10	Fuse	E-1200	E-2090	E-2410	E-2410	
5 .0	Safety (D) (2 Required)			0970		ļ
5-15A	Contactor—Backup	E-0110				<u> </u>

HUMIDIFIER SECTION

	Reflector Support	F-6100	F-6100	F-6100	F-6100		
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	
5-5	Pan	F30-0450	F30-0450	F30-0450	F30-0450		
4-10	Middle Block Cover		F-60)1D			
4-10	End Block Cover		F-60)90			
5-6	Rubber Elbow		P-54	11A			
	Bus Bar		H-0:	360			
	Bus Bar		H-0:	370			
	Porcelain Socket		H-0	14A			
	Power Block	H-0460	H-0460	H-0460	N/A		
4-4	Probe Assembly		020-0432				
	Probe Bracket		F30	-048A			
	Safety Switch, 150°F	R13-0090	R13-0090	R13-0090	R13-0090	Х	
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	ļ	
4-2	Solenoid Valve	H-0380	H-0380	H-0380	H-0380	X	
4-3	"Y" Strainer			390			
4-1	Flow Regulating Valve			440			
4-6	Push Button Drain Valve			430			
	Manual Reset Safety		H-0	450		<u> </u>	

8 TON FH/UH 110G, 114A, 127W, 139C, 173C (Continued) REFRIGERATION SECTION

Find No.	Description	Part Number						
		208 V	230 V	460 V	575 V	†		
2-1	Solenoid Valve		P-00	070		1		
2-2	Muffler		P-00					
2-3	Liquid Indicator	P-0050			+			
2-4	Filter Drier		P-00			+		
	Solenoid Coil		P-5770R					
	Solenoid Internal Parts Kit	P-5790R						
3-6	DX Coil (New Style)	X-002B (006-0007)			+			
3-5	Expansion Valve (New Style)			-0170		+		
	Drain Pan		F-02			+		

CHILLED WATER SECTION

3-7	Chilled Water Coil (New Style) 139C		L-0	07B (006-001	7)	Τ
3-13	Chilled Water Valve, 3 Way, 1"	P-0300	P-0300	P-0300	P-0300	X
3-14	Modulating Motor	M-001A	M-001A	M-001A	M-001A	X
3-15	Valve Linkage	M-0050	M-0050	M-0050	M-0050	
	Valve Linkage (High Pressure)	M-004A	M-004A	M-004A	M-004A	1
	Drain Pan	F-024A				
	PCB	020-0010				
	Chilled Water Coil (Newstyle) 173C		L-0	01B (006-001	6)	
	Chilled Water Valve 11/4"			310		

HEAT REJECTION EQUIPMENT

GLYCOL AND WATER COOLED

6-5	Flow Switch	P-4120
3-10	Shell and Tube Condenser	J-009E
3-8	Shell and Tube Condenser (Ametek)†	J-009F (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					
7-11	Tri-Block Overload			09G			
7-14A	Circuit Breaker 3.2 AMP	E-276C					
7-8	Fuse	E-1230	E-2070	E-2410	E-2410		
7-9	Fuseblock		E-1020		-1050		
7-14	75 VA Transformer		E-007A		E-007C		
_	1.5 KVA Transformer			E-007B E-0010	E-0020		
7-4	Disconnect Switch	F-:	2430		-2920		
7-7	1.5 HP Pump		281A	P-281A	P-281B		
	Drycooler			070	F-201B		
7-6	Expansion Tank			840	-		
7	Flow Switch			620			

GLYCOOL

2-5	Modulating Motor	M-001A	- 1
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	-
	Linkage (High Pressure)	M-007A	+
	Modulating Motor (High Pressure)	M-0100	+

[†] Must order by Part No. according to Vendor

[#] Consult Factory

8 TON FH/UH 110G, 114A, 127W, 139C, 173C (Continued) HOT WATER/STEAM

Find No.	Description	Part Number			RSP	
		208 V	230 V	480 V	575 V	
6-1	Modulating Motor		M-0	02A		
6-2	Linkage		M-0	050		
	PCB	020-0011				
6-6	Coil (Steam)		R-0	15A		
6-3	Valve (2 Way)		P-0:	270		
6-3	Valve (3 Way) (HW only)		P-0:	320		
	"Y" Strainer		R-0	520		
6-4	Trap	P02-0240				
6-6	Coil (Hot Water)		R-0	150		

VERTICAL GLYCOOL

Coil	066-2209	
Drain Pan	F30-1180	

GLYCOOL FE (AIR & WATER)

2-8	Coil (6 Row)	006-0201	
2-7	Valve (3 Way)	P-3600	
2-5	Modulating Motor	M-001A	
2-6	Linkage	M-0050	
	PCB	020-0010	
	Sensor Level 2	020-0372	
	Sensor Level 3	020-0381	
	Pan	F-024B	

SERIES PB CONDENSER

8 TON 550A—MAIN FAN (3 HP)

9-9	Blower Wheel & Housing (2)		B-1170						
_	Shaft		B-1	1140					
	Bearing (2)		B-0	064A					
_	Sheave			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			0110					
9-7	Tri-Block Overload		E-0	009B		<u> </u>			
9-2	Transformer	E-007A	E-007A	E-007B	E-007C	<u> </u>			
9-1	Circuit Breaker		E-276A						
9-4	Fuseblock	E-1020	E-1020	E-1050	E-1050				
-#	Belts #					<u> </u>			

8 TON 550A-LEE-TEMP

Find No.	Description	Part Number				
		208 V	230 V	460 V	575 V	
9-12	Receiver		W-0	040		
9-13	Rotolock Valve		W-0	100		
_	Adapter	W-0110				
	Liquid Indicator	W-0140				
9-11	Head Pressure Control Valve		W-0	340		
9-14	Relief Valve		W-0	170		
	Heater Pad (110 V)		W-0	15L		
_	Heater Pad (230 V)	W-016L				
	O-Ring	W-0320				
9-15	Condenser Coil		X02	-0020		

[#] Consult Factory

10 TON FH/UH 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-022A	B-022A	B-022A	B-023A	1
5-5	Fan Pulley	B-0540	B-0540	B-0540	B-0540	†
5-4	Motor Sheave 2 HP	B-005B	B-005B	B-005B	B-005B	
5-1	Blower, Wheel, Housing	B-0010	B-0010	B-0010	B-0010	<u> </u>
5-7	Air Sail Switch (Air Flow Sensing)	B02-0190	B02-0190	B02-0190	B02-0190	
5-8	Bearing	B-0040	B-0040	B-0040	B-0040	Х
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 2 HP	E-2070	E-2070	E-2410	E-2410	—
5-17	Tri-Block Overload	E-009B	E-009B	E-009B	E-009B	X
5-3	Main Fan 3.0 HP	B-025A	B-025A	B-025A	B-026A	
5-4	Motor Sheave 3 HP	B-069B	B-069B	B-069B	B-069B	
	Fuse 3 HP	E-2740	E-2070	E-2410	E-2410	
5-7	Belts (D) 2 HP	B-0550	B-0550	B-0550	B-0550	
5-7	Belts (V) 2 HP	B-060A	B-060A	B-060A	B-060A	-
5-7	Belts (D) 3 HP	B-060A	B-060A	B-060A	B-060A	
5-7	Belts (V) 3 HP	B-1490	B-1490	B-1490	B-1490	

COMPRESSOR SECTION

3-4	Compressor (Carlyle)	C-0060	C-0060	C-0070	C-0080	T -
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-1020	E-1020	E-1050	E-1050	 ``-
5-13	Aux. Contact-Normally Open	E-010A	E-010A	E-010A	E-101A	 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	1 x
5-10	Fuse	E-2090	E-2090	E-2410	E-2410	+ ~
	Valveplate and Gasket Kit (Carlyle)	C-0730	C-0730	C-0730	C-0730	X

REHEAT SECTION

Safety Switch, 190°F (V) (1 Required)	R-0130	R-0130	R-0130	R-0130	X
Safety Switch, 125°F (V) (2 Required)	R-013A	R-013A	R-013A		X
Heater	R-0760	R-0770	R-0790	R-0800	 ^
Contactor	E-011A	E-011A	E-011A		X
Fuseblock	E-1040	E-1020	E-1050	F-1050	X
Fuse	E-1200	E-2090	E-2410		+ ~-
Safety (D) (2 Required)		R-	0970	1	
Contactor—Backup					·
	Safety Switch, 125°F (V) (2 Required) Heater Contactor Fuseblock Fuse Safety (D) (2 Required)	Safety Switch, 125°F (V) (2 Required) R-013A Heater R-0760 Contactor E-011A Fuseblock E-1040 Fuse E-1200 Safety (D) (2 Required) F-1200	Safety Switch, 125°F (V) (2 Required) R-013A R-013A Heater R-0760 R-0770 Contactor E-011A E-011A Fuseblock E-1040 E-1020 Fuse E-1200 E-2090 Safety (D) (2 Required) R-	Safety Switch, 125°F (V) (2 Required) R-013A R-013A R-013A Heater R-0760 R-0770 R-0790 Contactor E-011A E-011A E-011A Fuseblock E-1040 E-1020 E-1050 Fuse E-1200 E-2090 E-2410 Safety (D) (2 Required) R-0970	Safety Switch, 125°F (V) (2 Required) R-013A R-013A R-013A R-013A Heater R-0760 R-0770 R-0790 R-0800 Contactor E-011A E-011A E-011A E-011A Fuseblock E-1040 E-1020 E-1050 E-1050 Fuse E-1200 E-2090 E-2410 E-2410 Safety (D) (2 Required) R-0970 R-0970

HUMIDIFIER SECTION

	F-6100	F-6100	F-6100	F-6100				
	F-601C	F-601C	F-601C	F-602C				
Quartz Lamp	H-002A	H-0020	H-0020		Х			
Pan	F30-0450	F30-0450			 ~			
Middle Block Cover		<u> </u>		1 . 00 0 .00	<u> </u>			
End Block Cover								
Rubber Elbow								
Bus Bar								
Bus Bar								
Porcelain Socket								
Power Block	H-0460			N/Δ	ļ			
Probe Assembly				10/73				
Probe Bracket								
Safety Switch, 150°F	R13-0090			R13-0090	X			
Fuseblock					-^-			
Contactor					X			
Fuse					- ^-			
Solenoid Valve					X			
Manual Reset Safety	11 0000			11-0300				
	Middle Block Cover End Block Cover Rubber Elbow Bus Bar Bus Bar Porcelain Socket Power Block Probe Assembly Probe Bracket Safety Switch, 150°F Fuseblock Contactor Fuse	Reflector, Double F-601C Quartz Lamp H-002A Pan F30-0450 Middle Block Cover F30-0450 End Block Cover Rubber Elbow Bus Bar Bus Bar Porcelain Socket Power Block Probe Assembly H-0460 Probe Bracket Safety Switch, 150°F R13-0090 Fuseblock E-1040 Contactor E-0100 Fuse E-1200 Solenoid Valve H-0380	Reflector, Double F-601C F-601C Quartz Lamp H-002A H-0020 Pan F30-0450 F30-0450 Middle Block Cover F-66 End Block Cover F-66 Rubber Elbow P-52 Bus Bar H-00 Porcelain Socket H-04 Power Block H-0460 Probe Assembly 020- Probe Bracket F30- Safety Switch, 150°F R13-0090 R13-0090 Fuseblock E-1040 E-1020 Contactor E-0100 E-0100 Fuse E-1200 E-2090 Solenoid Valve H-0380 H-0380	Reflector, Double F-601C F-601C F-601C Quartz Lamp H-002A H-0020 H-0020 Pan F30-0450 F30-0450 F30-0450 Middle Block Cover F-601D End Block Cover F-6090 Rubber Elbow P-541A Bus Bar H-0360 Bus Bar H-0460 Porcelain Socket H-014A Power Block H-0460 H-0460 Probe Assembly 020-0432 Probe Bracket F30-048A Safety Switch, 150°F R13-0090 R13-0090 R13-0090 Fuseblock E-1040 E-1020 E-1050 Contactor E-0100 E-0100 E-0100 Fuse E-1200 E-2090 E-2020 Solenoid Valve H-0380 H-0380 H-0380	Reflector, Double F-601C F-601C F-601C F-602C Quartz Lamp H-002A H-0020 H-0020 H-0030 Pan F30-0450 F30-0450 F30-0450 F30-0450 Middle Block Cover F-601D F-6090 Rubber Elbow P-541A F30-0450 F30-0450 Bus Bar H-0360 F30-0450 F30-0450 Bus Bar H-0370 F00-0450 F30-0450 Porcelain Socket H-0460 H-0460 N/A Probe Assembly 020-0432 F30-048A Probe Bracket F30-048A F30-048A Safety Switch, 150°F R13-0090 R13-0090 R13-0090 R13-0090 Fuseblock E-1040 E-1020 E-1050 E-1060 Contactor E-0100 E-0100 E-0110 E-2020 E-2020 Solenoid Valve H-0380 H-0380 H-0380 H-0380 H-0380			

10 TON FH/UH 116G, 125A, 138W, 190C, 237C, 280C (Continued)

HUMIDIFIER SECTION (Continued)

Find No.	Description	Part Number			RSP	
	•	208 V	230 V	460 V	575 V	
4-3	"Y" Strainer		H-0390			
4-1	Flow Regulating Valve	H-0440				
4-6	Push Button Drain Valve		P-54	130		

REFRIGERATION SECTION

2-1	Solenoid Valve	P-0070	
2-2	Muffler	P-0040	
2-3	Liquid Indicator	P-0050	<u> </u>
	Solenoid Coil	P-5770R	L
	Solenoid Internal Parts Kit	P-5790R	
2-4	Filter Drier	P-0020	<u> </u>
3-6	DX Coil (New Style)	X-003B (006-0009)	<u> </u>
3-5	Expansion Valve (New Style)	P02-0170	ļ
<u> </u>	Drain Pan	F-024B	

CHILLED WATER SECTION

	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-002C 006-0048/(F024B)	
3-7	FD/UD 280C	L-002C 006-0048/(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)	

HEAT REJECTION EQUIPMENT

M-0050

M-004A

GLYCOL AND WATER COOLED

6-5	Flow Switch	P-4120	
3-10	Shell and Tube Condenser	J-004E	
3-8	Shell and Tube Condenser (Ametek)†	J-004F (High Pressure)	
3-11	Water Regulating Valve-3 Way	P-0340	
3-11	Water Regulating Valve-2 Way	P-3110	
3-12	Gate Valve 3/4"	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	2-0100		
7-12	2 Pole Contactor	É-()11A		011B	
7-11	Tri-Block Overload	E-009G				
7-14A	Circuit Breaker 3.2 AMP	E-276C				
7-8	Fuse		E-2080 E-1230		2410	
7-9	Fuseblock		E-1020		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				<u> </u>
7	Flow Switch	P-4620				L

[†] Must order by Part No. according to Vendor

Modulating Motor

Valve Linkage (High Pressure)

Valve Linkage

3-14

3-15

[#] Consult Factory

10 TON FH/UH 116G, 125A, 138W, 190C, 237C, 280C (Continued) GLYCOOL

Find No.	Description		Part Number				
2-5	Modulating Motor	208 V	230 V	460 V	575 V	RSP	
2-6	Linkage	M-001A				+	
	Printed Circuit Board	M-0050					
2-7	3 Way Chilled Water Valve			09A/020-0010			
2-8	Glycool Coil		P-43				
2-9	Freezestat		X-09				
	Linkage (High Pressure)			-0110			
	Modulating Motor (High Pressure)		M-00	07A			
	r ressure)		M-0	100		T	

HOT WATER/STEAM

6-1	Modulating Motor		
6-2	Linkage	M-002A	T
\ 	PCB	M-0050	
6-6	Coil (Steam)	020-0011	
6-3	Valve (2 way)	R-015A	+
6-3	Valve (3 way) (HW only)	P-0270	
	"Y" Strainer	P-0320	+
6-4	Trap	R-0520	
6-6	Coil (Hot Water)	P02-0240	
	T con (not water)	R-0150	 -

VERTICAL GLYCOOL

l Coil		
Pan	066-2209	
	F30-1180	

GLYCOOL FE (AIR & WATER)

2-8	Coil (6 Row)		
2-7	Valve (3 Way)	006-0201	
2-5	Modulating Motor	P-3600	
2-6	Linkage	M-001A	
	PCB	M-0050	
	Sensor Level 2	020-0011	
	Sensor Level 2	020-0372	
	Pan	020-0381	
	1 (21)	F-024B	

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

9-9	Blower Wheel & Housing (2)			1170			
_	Shaft	B-1170					
	Bearing (2)		B-	1140		T	
	Sheave		B-	064A		1-	
	Pulley		B-	069B		+-	
	Bushina	B-0450				+	
9-10	Motor (3 HP)	B-1160				+-	
9-3	Fuse	B-0240	B-0250	B-0250	B-0260	+-	
9-6	Heater	E-2740	E-2070	E-2410	E-2410	+-	
9-5	Contactor	E-1000	E-0980	E-0910	E-2660	+-	
9-7			E-(0110	1 2-2000	┼──	
9-2	Tri-Block Overload			009B		+	
	Transformer	E-007A	E-007A	E-007B	T F 0070	₩-	
9-1	Circuit Breaker				E-007C	ــــــــــــــــــــــــــــــــــــــ	
9-4	Fuseblock		E-276A				
#	Belts #	E-1020	E-1020	E-1050	E-1050		

10 TON 675A — LEE-TEMP

9-12	Receiver	- FFF-1 CIAIL	
9-13	Rotolock Valve	W-0040	
	Adapter	W-0100	
	Liquid Indicator	W-0110	
9-11	Head Pressure Control Valve	W-0140	
9-14	Relief Valve	W-0340	
_	Heater Pad (110 V)	W-0170	
_	Heater Pad (230 V)	W-015L	
	O-Ring	W-016L	
9-15	Condenser Coil	W-0320	
# Canada		X02-0030	

[#] Consult Factory

Note: Condenser Parts are on Page 35.

15 TON FH/UH 192G, 199A, 219W, 305C, 386C

MAIN FAN SECTION

Find No.	Description		Part Number			
110.		208 V	230 V	460 V	575 V	
	Main Fan 3.0 HP	B-025A	B-025A	B-025A	B-026A	<u> </u>
5-3	Main Fan 5.0 HP	B-028A	B-028A	B-028A	B-029A	
5-3	Fan Pulley 3.0 and CW 5 HP	B-0530	B-0530	B-0530	B-0530	L
5-5	Motor Sheave	B-069B	B-069B	B-069B	B-069B	<u> </u>
5-4	Blower, Wheel, Housing	B-0010	B-0010	B-0010	B-0010	X
5-1	Air Sail Switch (Air Flow Sensing)	B02-0190	B02-0190	B02-0190	B02-0190	
5-7	Fan Shaft	B-0030	B-0030	B-0030	B-0030	X
5-2		B-0040	B-0040	B-0040	B-0040	X
5-8	Bearing	E-0110	E-0110	E-0110	E-0110	X
5-16	Contactor	E-1020	E-1020	E-1050	E-1050	X
5-9	Fuseblock	E-2740	E-2070	E-2410	E-2410	
5-10	Fuse 3.0	E-009B	E-009B	E-009B	E-009B	X
5-17	Tri-Block Overload	B-0540	B-0540	B-0540	B-0540	X
5-5	Pulley 5.0 HP	E-2080	E-2080	E-2410	E-2410	X
5-10	Fuse 5.0 HP		B-1	170		1
5-9	Blower Wheel & Housing CW 5 HP	B-0550	B-0550	B-0550	B-0550	
5-7	Belts (D) 3 HP	B-060A	B-060A	B-060A	B-060A	
5-7	Belts (V) 3 HP	B-060A	B-060A	B-060A	B-060A	
5-7	Belts (D & V) 5 HP	B-1680	B-1680	B-1680	B-1680	
5-7	Belts (D) 5 HP CW	B-0600	B-0600	B-0600	B-0600	
5-7	Belts (V) 5 HP CW	D-0000		140	1	T -
5-2	Fan Shaft CW 5 HP			064A		
5-2	Bearing CW 5 HP					

COMPRESSOR SECTION

		1.0.0000	C-0090	C-0110	C-0120	T
3-4	Compressor (Carlyle)	C-0090			E-009F	$\frac{1}{x}$
5-12	Contactor	E-0100	E-0100	E-009F		 ^
5-9	Fuseblock	E-1040	E-1040	E-1050	E-1050	
		E-010A	E-010A	E-010A	E-010A	X
5-13	Aux. Contact-Normally Open	E-010B	E-010B	E-010B	E-010B	X
5-13	Aux. Contact-Normally Closed	P-3070	P-3070	P-3070	P-3070	X
3-16	Pressure Switch-Low FSC				P-3080	X
3-17	Pressure Switch-Hi FSC	P-3080	P-3080	P-3080		\rightarrow $-$
3-2	Pressure Switch-Hi/Low	P-001B	P-001B	P-001B	P-001B	X
		E-3060	E-3060	E-3050	E-3050	·
5-1 <u>0</u>	Fuse	C-0730	C-0730	C-0730	C-0730	X
	Valveplate and Gasket Kit (Carlyle)	C-0730	0-0700	1 0 0,00	1	

REHEAT SECTION

1 	LAI OLUIIOII				
C-fath Cuitet 100°E (V/) (1 Required)	R-0130	R-0130	R-0130	R-0130	X
		B-013A	R-013A	R-013A	Х
			R-0890	R-0900	
			F-011A	E-011A	X
Contactor				F-1050	
Fuseblock					
Fuse					+
Safety (D) (2 Required)					+
Contactor Backup	E-0100	E-0100	E-0110	L-0110	
	Safety Switch, 190°F (V) (1 Required) Safety Switch, 125°F (V) (2 Required) Heater Contactor Fuseblock Fuse	Safety Switch, 190 F (V) (1 Required) R-013A Safety Switch, 125°F (V) (2 Required) R-0860 Heater E-011C Fuseblock E-1040 Fuse E-1160 Safety (D) (2 Required) R-0970	Safety Switch, 190°F (V) (1 Required) R-0130 R-0130 Safety Switch, 125°F (V) (2 Required) R-013A R-013A Heater R-0860 R-0870 Contactor E-011C E-011C Fuseblock E-1040 E-1040 Fuse E-1160 E-3060 Safety (D) (2 Required) R-0970 R-0970	Safety Switch, 190°F (V) (1 Required) R-0130 R-0130 R-0130 Safety Switch, 125°F (V) (2 Required) R-013A R-013A R-013A Heater R-0860 R-0870 R-0890 Contactor E-011C E-011C E-011A Fuseblock E-1040 E-1040 E-1050 Fuse E-1160 E-3060 E-3050 Safety (D) (2 Required) R-0970 R-0970 R-0970	Safety Switch, 190°F (V) (1 Required) R-0130 R-0130 R-0130 R-0130 Safety Switch, 125°F (V) (2 Required) R-013A R-013A R-013A R-013A Heater R-0860 R-0870 R-0890 R-0900 Contactor E-011C E-011C E-011A E-011A Fuseblock E-1040 E-1040 E-1050 E-1050 Fuse E-1160 E-3060 E-3050 E-2020 Safety (D) (2 Required) R-0970 R-0970 R-0970 R-0970 R-0970 R-09110 F-0110

HUMIDIFIER SECTION

		F-6100	F-6100	F-6100	F-6100	
	Reflector Support	H-002A	H-0020	H-0020	H-0030	X
4-8	Quartz Lamp	F30-0450	F30-0450	F30-0450	F30-0450	
5-5	Pan	F30-0450	F-60		1 1 1	
4-10	Middle Block Cover					
4-11	End Block Cover		F-60			
5-6	Rubber Elbow	P-541A				
	Bus Bar		H-03			
	Bus Bar	H-0370				
	Porcelain Socket		H-014A			
		H-0460	H-0460	H-0460	N/A	
	Power Block		020	-0432		L
4-4	Probe Assembly		F30	-048A		
	Probe Bracket	R13-0090	R13-0090	R13-0090	R13-0090	X
	Safety Switch, 150°F		E-1020	E-1050	E-1060	
5-9	Fuseblock	E-1040		E-0100	E-011C	>
5-11	Contactor	E-0100	E-0100		L-0,10	
<u> </u>	Manual Reset Switch		H-0	450		<u> </u>

15 TON FH/UH 192G, 199A, 219W, 305C, 386C (Continued)

HUMIDIFIER SECTION (Continued)

Find No.	Description	Part Number				RSP
4.0		208 V	230 V	460 V	575 V	
<u>4-6</u>	Solenoid Valve	H-0380	H-0380	H-0380	H-0380	→
5-10	Fuse	E-1200	E-2090	E-2020		+ ^
	"Y" Strainer	2 1200		0390	E-2020	
	Flow Regulating Valve	H-0440			+	
	Push Button Drain Valve			430		+

REFRIGERATION SECTION

2-1	Solenoid Valve	D 0000	
2-2	Muffler	P-0080	
	Solenoid Coil	P-0030	
	Solenoid Internal Parts Kit	P-5780R	
2-3		P-5720R	
	Liquid Indicator	P-0050	
2-4	Filter Drier	P-0060	
3-6		1 0000	
3-6	DX Coil (New Style)	V 00 /5 /00 /	
3-5	Expansion Valve (New Style)	X-004B (006-0011)	
	Drain Pan	P02-0190	
		F-0250	
	Expansion Valve Element	P-5750R	

CHILLED WATER SECTION

CHILLED WATER COILS

3-7	Drain Pan	E 0050	-, - -
	Chilled Water Coils (New Style)	F-0250	
3-7	FD/UD 305C	1,0000,000,000	
3-7	FD/UD 386C	L-009C/006-0362	
3-13	Chilled Water Valve 11/2"-3 way	L-012C/006-0049 P-3600	
3-14	Modulating Motor	M-001A	
3-15	Valve Linkage	M-001A M-0050	
	Valve Linkage (High Pressure)	M-0050 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		
3-10		P-4120	
	Shell and Tube Condenser	J-002E	
3-8	Shell and Tube Condenser (Ametek)†	J-002F (High Pressure)	_
#	Gaskets	# (Fight Flessule)	
3-11	Water Regulating Valve 1" 2 Way	# D.0440	X
3-11	Water Regulating Valve 1" 3 Way	P-3110	
3-12	Gate Valve 3/4"	P-0340	
2-11	Relief Valve - 400 psi	P-3020	
	Heller valve - 400 psi	P-2830	

GLYCOL COOLED

7-10	3 Pole Contactor		0110		T		
7-13	Thermostat 30°-90°F	E-0110					
7-12	2 Pole Contactor		02-0100				
7-11	Tri-Block Overload		E-011A				
7-14A	Circuit Breaker	E-009G					
7-9	Fuseblock		-276C				
7-8	Fuse	E-1040	E-1050				
7-14	75 VA Transformer	E-2100		-2410			
_	1.5 KVA Transformer	E-007A	E-007B	E-007C	1		
7-7	3 HP Pump		E-0010	E-0020			
7-4	Disconnect Switch	P-296A	P-296A	P-296B			
	Drycooler	E-292A	E-2920				
7	Flow Switch		D-0080 P-4620				

[†] Must order by Part No. according to Vendor

[#] Consult Factory

15 TON FH/UH 192G, 199A, 219W, 305C, 386C (Continued)

GLYCOOL

Find No.	Description	Part Number					
140.		208 V	230 V	460 V	575 V		
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-0			<u> </u>	
2-9	Freezestat		E02-0110				
2-3	Linkage (High Pressure)		M-007A				
	Modulating Motor (High Pressure)		M-0100				

HOT WATER/STEAM

6-1	Modulating Motor	M-002A	
	Linkage	M-0050	
6-2	PCB	020-0011	
0.0	Coil (HW)	R-0160	
6-6	Valve (2 Way)	P-0280	
6-3	Valve (3 Way) (HW only)	P-031A	
6-3	"Y" Strainer	R-0200	
	Coil (Steam)	R-016A	
6-6		P02-0240	
6-4	Trap		

VERTICAL GLYCOOL

· —· · · · · · · · · · · · · · · · · ·	_	
	066-2208]
Coil	F-2160]
Pan		_

GLYCOOL FE (AIR & WATER)

	Coil (6 Row)	006-0203	
2-8		P-4390	
2-7	Valve (3 Way)	M-001A	
2-5	Modulating Motor	M-0050	
2-6	Linkage	020-0011	
	PCB	020-0372	
	Sensor Level 2	020-0381	
	Sensor Level 3	F-0250	
	Pan		

SERIES PB CONDENSER

15 TON 925A — MAIN FAN 7½ HP)

0.0	Blower Wheel & Housing (2)	B-1170					
9-9			B-1	140			
	Shaft		B-0	64A			
	Bearing (2)		B-0	69B			
	Sheave			700			
	Pulley	B-1160					
	Bushing	B-0360	B-0350	B-0350	B-0340		
9-10	Motor (3 HP)		E-2100	E-2730	E-2410		
9-3	Fuse	E-2100		E-1000	E-0980		
9-6	Heater	E-183A	E-2700	0009F	1 L-0300		
9-5	Contactor						
9-7	Tri-Block Overload			009B	T E-007C		
9-2	Transformer	E-007A	E-007A	E-007B	E-00/C		
9-1	Circuit Breaker		E-276A				
9-4	Fuseblock	E-1040	E-1040	E-1050	E-1050		
#	Belts #		#				

[#] Consult Factory

SERIES PB CONDENSER (Continued)

15 TON 925A — LEE-TEMP

Find No.	Description	Part Number				RSP
		208 V	230 V	460 V	575 V	1
9-12	Receiver		W-0		0.01	+
9-13	Rotolock Valve					
_	Adapter		W-0100			
_	Liquid Indicator		W-0110 W-0140			
9-11	Head Pressure Control Valve		W-0			
9-14	Relief Valve					ļ
	Heater Pad (110 V)		W-0			
			W-0	15L		
	Heater Pad (230 V)		W-0	16L		T
	O-Ring		W-0	320		+-
9-15	Condenser Coil			-0040		

20/22 TON FH/UH 240G/265G, 245A/290A, 267W/315W, 411C/488C

MAIN FAN SECTION

Description	İ	Part Number				
2000.1511011	208 V	230 V	460 V	575 V		
Main Fan 5 0 HP	B-028A	B-028A	B-028A	B-029A		
	B-035A	B-035A	B-035A	B-034A		
11.00	B-0530	B-0530	B-0530	B-0530		
	B-0530	B-0530	B-0530	B-0530		
	B-069B	B-069B	B-069B	B-069B	ļ	
	B-069A	B-069A	B-069A	B-069A		
	B-1170	B-1170	B-1170	B-1170	X	
Air Sail Switch (Air Flow Sensing)	B02-0190	B02-0190	B02-0190	B02-0190		
	B-1140	B-1140	B-1140	B-1140	Х	
	B-064A	B-064A	B-064A	B-064A	X	
	E-009F	E-009F	E-009F	E-009F	X	
	E-0110	E-0110	E-0110	E-0110		
		E-1020	E-1050	E-1050		
			E-1050	E-1050		
	E-2080		E-2410	E-2410		
		E-1200	E-2020	E-2410		
		E-009B	E-009B	E-009B	X	
		B-0550	B-0550	B-0550		
		B-060A	B-060A	B-060A		
		B-1700	B-1700	B-1700		
	B-1710	B-1710	B-1710	B-1710		
Main Fon 10 HD	B05-006B	B05-006B	B05-006B	B02-010A		
		E-0100	E-009F	E-009F		
		E-2100	E-2020	E-2730		
		E-1040	E-1040	E-1040		
		B02-0010	B02-0010	B02-0010		
	B02-0220	B02-0220	B02-0220	B02-0220		
			B02-0200	B02-0200		
		B02-0210	B02-0210	B02-0210	1	
		B02-0200	B02-0200	B02-0200		
	Main Fan 5.0 HP Main Fan 7.5 HP Fan Pulley 5.0 HP Pulley 7.5 HP Motor Sheave 5.0 HP Sheave 7.5 HP Blower, Wheel, Housing Air Sail Switch (Air Flow Sensing) Fan Shaft Bearing Contactor 7.5 HP Contactor 5.0 HP Fuseblock 5.0 HP Fuseblock 7.5 HP Fuse 5.0 HP Fuse 7.5 HP Tri-Block Overload Belts 5.0 HP (D) Belts 5.0 Belts 7.5 (V) Main Fan 10 HP Contactor 10 HP Fuse Block 10 HP Fuse Block 10 HP Pulley 10 HP Shaft 10 HP Blower Wheel & Housing 10 HP Bearing 10 HP Belt (D) 10 HP Belt (D) 10 HP Belt (V) 10 HP	Main Fan 5.0 HP B-028A Main Fan 7.5 HP B-035A Fan Pulley 5.0 HP B-0530 Pulley 7.5 HP B-0530 Motor Sheave 5.0 HP B-069B Sheave 7.5 HP B-069A Blower, Wheel, Housing B-1170 Air Sail Switch (Air Flow Sensing) B02-0190 Fan Shaft B-1140 Bearing B-064A Contactor 7.5 HP E-009F Contactor 5.0 HP E-0110 Fuseblock 5.0 HP E-1020 Fuseblock 7.5 HP E-1040 Fuse 7.5 HP E-2080 Fuse 7.5 HP E-2090 Fuse 7.5 HP E-2090 Belts 5.0 HP (D) B-0550 Belts 5.0 B-060A Belts 7.5 HP (D) B-1700 Belts 7.5 HP (D) B-1700 Main Fan 10 HP E-0100 Fuse 10 HP E-0100 Fuse Block 10 HP B05-006B Contactor 10 HP E-1040 Fuse Block 10 HP B02-0200 Shaft 10 HP B02-0200	Main Fan 5.0 HP	Main Fan 5.0 HP	Main Fan 5.0 HP B-028A B-028A B-028A B-028A B-028A B-029A Main Fan 7.5 HP B-035A B-035A B-035A B-035A B-035A B-034A Fan Pulley 5.0 HP B-0530 B-0530 B-0530 B-0530 B-0530 B-0530 Pulley 7.5 HP B-069B B-069A B-069A B-069A B-064A	

COMPRESSOR SECTION - 20 TON

		C-0310	C-0310	C-0330	C-0340	
3-4	Compressor	E-2500	E-2500	E-009F	E-009F	Х
5-12	Contactor	E-1041	E-1041	E-1050	E-1050	
5-9	Fuseblock				E-010A	X
5-13	Aux. Contact-Normally Open	E-010A	E-010A	E-010A		x
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
	Pressure Switch-Hi FSC	P-3080	P-3080	P-3080	P-3080	X
3-17		P-001B	P-001B	P-001B	P-001B	X
3-2	Pressure Switch-Hi/Low (Lee-Temp)	E-116A	E-116A	E-1100	E-1100	
5-10	Fuse		C-0730L	C-0730L	C-0730L	X
_	Valveplate and Gasket Kit	C-0730L C-0740R	C-0740R	C-0740R	C-0740R	Ŷ

COMPRESSOR SECTION - 22 TON

		C-0620	C-0620	C-0640	C-0650	
3-4	Compressor	E-009H	E-009H	E-009F	E-009F	X
5-12	Contactor	E-1041	E-1041	E-105A	E-105A	
5-9	Fuseblock	E-010A	E-010A	E-010A	E-010A	X
5-13	Aux. Contact-Normally Open	E-010A	E-010B	E-010B	E-010B	X
5-13	Aux. Contact-Normally Closed		P-3070	P-3070	P-3070	X
3-16	Pressure Switch-Low FSC	P-3070	P-3080	P-3080	P-3080	X
3-17	Pressure Switch-Hi FSC	P-3080		P-001B	P-001B	$\frac{\hat{x}}{x}$
3-2	Pressure Switch-Hi/Low (Lee-Temp)	P-001B	P-001B	E-2021	E-2021	 ^
5-10	Fuse	E-2028	E-2028		C-0730L	\perp_{X}
	Valveplate and Gasket Kit	C-0730L C-0740R	C-0730L C-0740R	C-0730L C-0740R	C-0740R	<u> </u>

20/22 TON FH/UH 240G/265G, 245A/290A, 267W/315W, 411C/488C (Continued)

REHEAT SECTION

Find No.	Description	ion Part Number				
		208 V	230 V	460 V	575 V	
4-19	Safety Switch, 190°F (V) (1 Required)	R-0130	R-0130	R-0130	R-0130	X
4-18	Safety Switch, 125°F (V) (2 Required)	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	
	Safety (D) (2 Required)	R-0970	R-0970	R-0970	R-0970	1
5-15A	Contactor Backup	E-0100	E-0100	E-0110	E-0110	+

HUMIDIFIER SECTION

_	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	H13-0010	H-0030	X			
4-4	Pan	F30-0450	F30-0450	F30-0450	F30-0450	 ^ -			
4-10	Middle Block Cover			01D	1 100 0400				
4-11	End Block Cover		F-60						
5-6	Rubber Elbow		P-541A						
	Bus Bar		H-0:						
	Bus Bar		H-0360						
	Porcelain Socket	H-014A							
	Power Block	H-0460	H-0460	H-0460	N/A	<u> </u>			
4-5	Probe Assembly			-0432	1070				
4-5	Probe Bracket			-048A					
	Safety Switch, 150°F	R13-0090	R13-0090	R13-0090	R13-0090	Х			
5-9	Fuseblock	E-1020	E-1020	E-1050	E-1050	^			
5-11	Contactor	E-0100	E-0100	E-0100	E-0100	X			
5-10	Fuse	E-1200	E-2090	E-2020	E-2410	- ^-			
4-2	Solenoid Valve	H-0380	H-0380	H-0380	H-0380	X			
4-3	"Y" Strainer		H-03	1					
4-1	Flow Regulating Valve		H-04						
4-6	Push Button Drain Valve		P-54						
	Manual Reset Safety		H-04						

REFRIGERATION SECTION

2-1	Solenoid Valve	P-2870	Т
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) Element	P-5740R	+
3-5	Expansion Valve (New Style-22 Ton) Element	P-5760R	
	Drain Pan	F-2160	
	Drain Pan 488C	F-7570	+
	Solenoid Coil	P-5780R	+
	Solenoid Internal Parts Kit	P-5730R	
3-5	Expansion Valve (20 Ton)	P02-0220	
3-5	Expansion Valve (22 Ton)	P02-0210	+

CHILLED WATER SECTION

3-7	Chilled Water Coil (New Style) 411C	L-011B (006-0021)	
	Chilled Water Coil (New Style) 488C	L-011C (006-0050)	
3-13	Chilled Water Valve 2" (3 Way)	P-4390	
	Chilled Water Valve 2" (2 Way)	P-031B	
3-14	Modulating Motor	M-001A	
3-15	Valve Linkage	M-0050	_
	Valve Linkage (High Pressure)	M-004A	
	Drain Pan	F-2160	-
	PCB	020-0010	

[#] Consult Factory

HEAT REJECTION EQUIPMENT

GLYCOL AND WATER COOLED

Find No.	Description	Description Part Number				
		208 V	230 V	460 V	575 V	
6-5	Flow Switch		P-41	120		
3-10	Shell and Tube Condenser	J-011E				
3-8	Shell and Tube Condenser (Ametek)†	J-011F (High Pressure)				
#	Gaskets		#			X
3-11	Water Regulating Valve 11/4" 2 Way		P-34	1 50		Х
3-11	Water Regulating Valve 11/4" 3 Way	P-2780			X	
3-12	Gate Valve 3/4"	P-3020				
2-11	Relief Valve - 400 psi		P-28	330		X

GLYCOL COOLED

7-10	3 Pole Contactor		E-(0110		Х
7-13	Thermostat		E0	2-0100		X
7-11	Tri-Block Overload		E-(009G		
7-14A	Circuit Breaker	E-276C				
7-14	75 VA Transformer	E-	E-007A		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-296A	P-296A	P-296B]
_	Drycooler (FD/UD 240G)	D-	D-0250		D-0310	
	Drycooler (FD/UD 265G)	D-	D-0340 D-0350 D-0360		D-0360	1
7	Flow Switch		P-4	4620		

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-0930	
2-9	Freezestat	E02-0110	I
	Linkage (High Pressure)	M-007A	
	Modulating Motor (High Pressure)	M-0100	

HOT WATER/STEAM

6-1	Modulating Motor	M-002A	
6-2	Linkage	M-0050	
	PCB	020-0011	
6-6	Coil (HW)	R-0160	
6-3	Valve (2 Way) (HW)	P-0280	
6-3	Valve (3 Way) (HW)	P-031A	
	"Y" Strainer	R-0200	
6-6	Coil (Steam)	R-016A	
	Valve (Steam)	P-0270	
6-4	Trap	P02-0240	

VERTICAL GLYCOOL

			_
ſ	Coil	066-2208	╛
ı	Pan	F-2160	ı

22 Ton Consult Factory GLYCOOL FE (AIR & WATER)

2-8	Coil (6 Row)	006-0204	
2-7	Valve (3 Way)	P-4390	<u> </u>
2-5	Modulating Motor	M-001A	
2-5 2-6	Linkage	M-0050	
	PCB	020-0010	
	Sensor Level 2	020-0372	
	Sensor Level 3	020-0381	
	Pan	F-2160	

[†] Must order by Part No. according to Vendor

[#] Consult Factory

SERIES PB CONDENSER

20 TON 1100A — MAIN FAN (7½ HP)

Find No.	Description		Part Number			
		208 V	230 V	460 V	575 V	
9-9	Blower Wheel & Housing (2)		B	1170		
	Shaft	B-1140		<u> </u>		
	Bearing (2)	B-064A				1
	Sheave		B-069A B-0530			—
	Pulley					-
	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	
<u>9</u> -5	Contactor		E-(009F	1	
9-7	Tri-Block Overload		E-(009B		
9-2	Transformer	E-007A	E-007A	E-007B	E-007C	+
9-1	Circuit Breaker			276A	1 = 50.0	
9-4	Fuseblock	E-1040	E-1040	E-1050	E-1050	
 #	Belts #		#	1	1 = .000	

LEE-TEMP

9-12	Receiver	W-0040	
9-13	Rotolock Valve	W-0100	
<u></u>	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)

$\overline{}$,			
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		B05-0150 B05-0200 B02-0010 B02-0030 B02-0060 B02-0070 B05-0220			
_	Sheave	10 HP 15 HP		B02-0030 B02-0060			
-	Pulley	10 HP 15 HP		B02-0060 B02-0070 B05-0220			†
_	Bushing	10 HP 15 HP		B05-0220 B02-0090			<u> </u>
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 W-0100 W-0110
9-13	Rotolock Valve	
	Adapter	W-0110

[#] Consult Factory

SERIES PB CONDENSER (Continued)

22 TON 1350A — LEE-TEMP (10 - 15 HP) (Continued)

Find No.	Description		Part N	umber		RSP
		208 V	230 V	460 V	575 V	
_	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			
_	Special Condenser Coil		X02	-0060		

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

Find No.	Description	Part Nu	mber
		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

DISCONNECT SWITCH

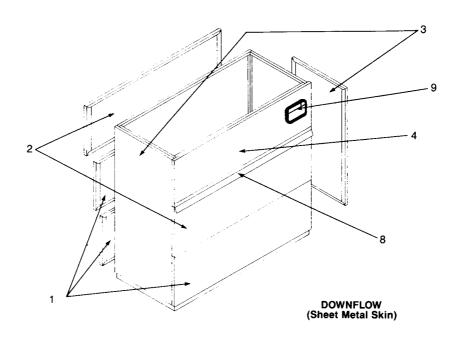
Find No.	Description	Description		
		250 V	480 V	600 V
	Disconnect Switch (100 AMP)	E-2890	E-2880	E-2910

BELTS

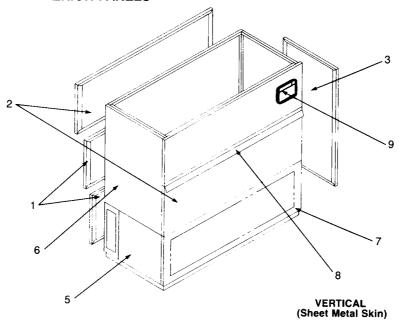
	TOP DISCHARGE	REAR DISCHARGE
Fan Motor (2 HP)	B-1510	B-1510
Fan Motor (3 HP)	B-1550	B-1540
Fan Motor (7½ HP)	B-1600	B-1580
Fan Motor (10 HP)	B-1610	B05-0250
Fan Motor (15 HP)	B-1590	B-1560

FILTERS

	6/10 Ton	15 Ton	20/22 Ton
Filters 18x18x2	A02-0010 (4)	A02-0010 (6)	A02-0010 (4)
Filters 18x24x2	A-0340 (2)	A-0340 (2)	A-0340 (4)



EXTERIOR PANELS



EXTERIOR PANELS

Find No.	Description	6/10 Ton	15 Ton	20/22 Ton
29-3	End Panel	F02-1000	F02-1000	F02-1010
29-6	Vertical Top Compressor Panel	F02-1130	F02-1140	F02-1010
29-5	Vertical Bottom Compressor Panel	F02-1160	F02-1170	F02-1180
29-7	Vertical-Rear Return-Bottom Rear Panel	F02-1100	F02-1110	F02-1120
29-7	Vertical-Front Return-Bottom Front Panel	F02-1100	F02-1110	F02-1120
29-1	Bottom Front & Bottom or Middle Rear	F02-7080	F02-7090	F02-7100
29-2	Middle Front & Top Rear	F02-7110	F02-7120	F02-7130
29-7	Vertical-Rear Return-Bottom Rear Panel	F02-7140	F02-7150	F02-7160
29-7	Vertical-Front Return-Bottom Front Panel	F02-7140	F02-7150	F02-7160

MAIN UNIT ACCENTS

6-10 TON

Find No.	Description		Part Number				
	· · · · · · · · · · · · · · · · · · ·	208 V	230 V	460 V	575 V		
	Local Monitor — Locking		011-0114				
	Local Monitor Non-Locking		011-0115				
	Local Monitor — No Disconnect		011-	-0116			
	w/o Local Monitor — Locking		011-	-0123			
	w/o Local Monitor — Non-Locking		011	-0124			
	w/o Local Monitor — No Disconnect	011-0125					
	Trim		S-62	280			

15 TON

Local Monitor — Locking	011-0117	
Local Monitor — Non-Locking	011-0118	
Local Monitor — No Disconnect	011-0119	
w/o Local Monitor — Locking	011-0126	
w/o Local Monitor — Non-Locking	011-0127	
w/o Local Monitor — No Disconnect	011-0128	
Trim	S-6290	

20-22 TON

Local Monitor — Locking	011-0120	
Local Monitor — Non-Locking	011-0121	
Local Monitor — No Disconnect	011-0122	
w/o Local Monitor — Locking	011-0129	
w/o Local Monitor — Non-Locking	011-0130	
w/o Local Monitor — No Disconnect	011-0131	
Bezel — Local Monitor	S-6190	
Bezel — Disconnect	S-6210	
Bezel — w/o Local Monitor	S12-2080	
Trim	S-6300	
DZUS Fastener	S-0220	
DZUS Spring	S-0230	
DZUS Bar	S-0250	

OPTIONAL/MISCELLANEOUS EQUIPMENT

Find No.	Description	Part Number	Find No.	Description	Part Number
	Panel Wrench	S-0320		Touch Up Paint (All Colors)	
				Pint Bottle	S-1100
				Sprayer Power Unit	S-1090
		·		Quart Can	Z-203A
6-15	Floorstand Vibration Pads	S02-2640 (3½")		Gallon Can	Z-203B
]	Pint Can	Z-203C

FILTER SECTION

Description			F	ilters Per Un	nit		RSP
	Part Number	6/10 Ton	FH 15 Ton	UH 15 Ton	FH 20/22 Ton	UH 20/22 Ton	
24x24x2 Prefilter	A-0350	3	3		4		
25x20x2 Prefilter	A-0360			3		2	
24x18x2 Prefilter	A-0340		1	ļ			
20x16x2 Prefilter	A-0370			1		3	
24x24x4 Standard 40%	A-0010	3	3		4	Γ	Τ
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	1	4		1
25x20x4 Hi Eff. 60%	A-0400	T		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		T 4		
25x20x6 Hi Eff. 60%	A-0110			3	 4	2	-
24x18x6 Hi Eff. 60%	A-0040		1				
20x16x6 Hi Eff. 60%	A-0120		· · · · · · · · · · · · · · · · · · ·	1	+	3	

GLYCOOL FILTER SECTION

Description				Filters	Per Unit			RSP
	Part Number	FH 6/10 Ton	UH 6/10 Ton	FH 15 Ton	UH 15 Ton	FH 20/22 Ton	UH 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		Т
25x20x4 Standard 40%	A-0320				3	 	2	
24x18x4 Standard 40%	A-0020	1		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	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				r
25x20x6 Hi Eff. 60%	A-0110				3		2	
24x18x6 Hi Eff. 60%	A-0040				3			
20x16x6 Hi Eff. 60%	A-0120				1	 	3	

ELECTRONICS

LEVEL I

Find No.	Description	000.14		umber		RSP
	1)/ Dood Front Assambly w/Silones Switch	208 V	230 V	480 V	575 V	
	LV Dead Front Assembly w/Silence Switch	-		-0344 -0332		X
<u> </u>	Interface Assembly		020-	-0332		
 	TEMP./HUMIDITY ASSEMBLY	r				
1-11	Temp. Sensor	020-0150		020-0005	(Remote)	-
1-11	Humidity Sensor (Solid) (Remote)	020-0162			(Remote)	
1-14	Bracket Assembly/DF Internal			-0351		<u> </u>
	Bracket Assembly/UF Internal			0390		
	Bracket Assembly/DF Remote Temp./Humidity Sensor (Surface Mount)			-0357 -0482	•	-
	Temp./Humidity Sensor (Std. DF)			0348		-
	Temp./Humidity Sensor (Std. UF)			0362		+
	Temp./Humidity Sensor (Std. Glycool DF)			0363		-
	Temp./Humidity Sensor (Std. Glycool UF)			0364		+
	Temp./Humidity Sensor (Std. DF/UF Remote Surfaces)			0368		+
	Temp./Humidity Sensor (Std. Glycool DF Remote Surfaces)			0369		+
	Temp./Humidity Sensor (Std. Glycool UF Remote Surfaces)			-0370	-	1
1-1	Opto-Isolator Board			-0352		X
1-2	Power Supply 4 Amp			0354		$\frac{1}{x}$
			020			
	GLYCOOL (OPTIONAL) AQUASTAT		000	0391		TV
	Bracket Assembly w/Sensors (UF) Bracket Assembly w/Sensors (DF)			-0391 -0392		X
			020-	-0032		^_
	CABLES					
	Opto To Interface (2)			2743		
	Opto To Interface (1)		 	2744		
	Opto To Interface (1)			2745		
	Opto To Display (1)			2746		_
	Opto To Display (1)		022-	2747		
	TEMP./HUMIDITY CABLES					
	Remote Internal (1)		022-	-2742		
	Remote External (1)		022-	2741		<u> </u>
	ON UNIT SENSOR CABLES					
	(UF)		022-	-2763	* *	
	(DF)			2670		—
	EPROM Board		020-	-8000		1
*	Relay		G-10			
	Start/Stop Switch Assembly		020-	-0436		
	Lens — Green		G-32			
	Lamp	G12-0480				
	Switch		G-32	240		
	LEVEL II (W/O LOCA	L MONITOI	R)			
	Card Cage Assembly		020-	-0331		
	Interface Assembly		020-	-0332		X
	TEMP./HUMIDITY ASSEMBLY					
	Temp. Sensor	020-0150	(Solid)	020-0005	(Remote)	
	Humidity Sensor	020-0162			(Remote)	
	Bracket Assembly/DF Internal		020-	-0351		X
	Bracket Assembly/UF Internal		020-	-0390		
	Bracket Assembly/DF Remote		020-	-0357		
	Temp./Humidity Sensor (Std. DF)		020-	-0349		
	Temp./Humidity Sensor (Std. UF)			-0371		
	Temp./Humidity Sensor (Std. Glycool DF)			-0372		
	Temp./Humidity Sensor (Std. Glycool UF)			-0373		
	Temp./Humidity Sensor (Std. DF/UF Remote Surfaces)			-0377		
	Temp./Humidity Sensor (Std. Glycool DF Remote Surfaces)			-0378		
	Temp./Humidity Sensor (Std. Glycool UF Remote Surfaces)			-0379		
	Microprocessor Board			-0251		X
	Communications Board			-0253		X
	L DAM/EDDOM Board	l		-0328		X
	RAM/EPROM Board					X
	Input Board			-0327		
			020	-0327 -0326 -0355		X

ELECTRONICS (Continued)

LEVEL II (W/O LOCAL MONITOR) (Continued)

No.	Description		Number	RS
		208 V 230 V	480 V 575 V	
	GLYCOOL (OPTIONAL) AQUASTAT			
	Bracket Assembly w/Sensor (UF)		0-0391	>
	Bracket Assembly w/Sensor (DF)	020	0-0392	>
	CABLES			
	Interface To Input (1)	022-2748 022-2748 022-2749		
	Interface To Output (1)			İ
	Interface To Input (1)			
	Interface To Output (1)	022	2-2750	
	TEMP./HUMIDITY CABLES			
	Remote Internal (1)	022	2-2742	
	Remote External (1)	022	2-2741	1
	ON UNIT SENSOR CABLES			
	UF	022	2-2763	
	DF		2-2670	
	EPROMS/Microprocessors		0-8002	+-
)-8003	+
	RAM/EPROM)-8004	
)-8005	1
)-8006	+
)-8007	
		020)-8008	
	Relay	G-1	360	
	Start/Stop Switch Assembly)-0436	
	Lens — Green	G-3	3210	
	Lamp		2-0480	
	Switch		3240	
	Alarm Preset)-0435	
	Lens — Yellow		7-0010	\perp
	Lamp Switch		2-0480 5-0250	
	Luva	MONITOR		
	LV Dead Front Assembly w/o Silence Switch Card Cage Assembly	020)-0345)-0331	
	LV Dead Front Assembly w/o Silence Switch Card Cage Assembly Interface Assembly	020 020)-0331	
	Card Cage Assembly Interface Assembly	020 020		
	Card Cage Assembly Interface Assembly TEMP./HUMIDIFIER ASSEMBLY	020 020 020	0-0331 0-0332	
	Card Cage Assembly Interface Assembly TEMP./HUMIDIFIER ASSEMBLY Temp. Sensor	020 020 020 020	0-0331 0-0332 020-0005 (Remote)	
	Card Cage Assembly Interface Assembly TEMP./HUMIDIFIER ASSEMBLY Temp. Sensor Humidity Sensor	020 020 020 020 020-0150 (Solid) 020-0162 (Solid)	0-0331 0-0332 020-0005 (Remote) 020-0172 (Remote)	
	Card Cage Assembly Interface Assembly TEMP./HUMIDIFIER ASSEMBLY Temp. Sensor Humidity Sensor Bracket Assembly/DF Internal	020 020 020 020 020-0150 (Solid) 020-0162 (Solid)	0-0331 0-0332 020-0005 (Remote) 020-0172 (Remote) 0-0351	
	Card Cage Assembly Interface Assembly TEMP./HUMIDIFIER ASSEMBLY Temp. Sensor Humidity Sensor	020 020 020 020 020-0150 (Solid) 020-0162 (Solid) 020	0-0331 0-0332 020-0005 (Remote) 020-0172 (Remote) 0-0351 0-0390	
	Card Cage Assembly Interface Assembly TEMP./HUMIDIFIER ASSEMBLY Temp. Sensor Humidity Sensor Bracket Assembly/DF Internal Bracket Assembly/UF Internal Bracket Assembly/DF Remote Temp./Humidity Sensor (Std. DF)	020 020 020 020 020-0150 (Solid) 020-0162 (Solid) 020 020	0-0331 0-0332 020-0005 (Remote) 020-0172 (Remote) 0-0351	
	Card Cage Assembly Interface Assembly TEMP./HUMIDIFIER ASSEMBLY Temp. Sensor Humidity Sensor Bracket Assembly/DF Internal Bracket Assembly/UF Internal Bracket Assembly/DF Remote Temp./Humidity Sensor (Std. DF) Temp./Humidity Sensor (Std. UF)	020 020 020 020 020-0150 (Solid) 020-0162 (Solid) 020 020 020	0-0331 0-0332 020-0005 (Remote) 020-0172 (Remote) 0-0351 0-0390 0-0357	
	Card Cage Assembly Interface Assembly TEMP./HUMIDIFIER ASSEMBLY Temp. Sensor Humidity Sensor Bracket Assembly/DF Internal Bracket Assembly/UF Internal Bracket Assembly/DF Remote Temp./Humidity Sensor (Std. DF) Temp./Humidity Sensor (Std. UF) Temp./Humidity Sensor (Std. Glycool DF)	020 020 020 020 020-0150 (Solid) 020-0162 (Solid) 020 020 020 020	0-0331 0-0332 020-0005 (Remote) 020-0172 (Remote) 0-0351 0-0390 0-0357	
	Card Cage Assembly Interface Assembly TEMP./HUMIDIFIER ASSEMBLY Temp. Sensor Humidity Sensor Bracket Assembly/DF Internal Bracket Assembly/UF Internal Bracket Assembly/DF Remote Temp./Humidity Sensor (Std. DF) Temp./Humidity Sensor (Std. UF) Temp./Humidity Sensor (Std. Glycool DF) Temp./Humidity Sensor (Std. Glycool UF)	020 020 020 020 020-0150 (Solid) 020-0162 (Solid) 020 020 020 020	0-0331 0-0332 020-0005 (Remote) 020-0172 (Remote) 0-0351 0-0390 0-0357 0-0350 0-0380	
	Card Cage Assembly Interface Assembly TEMP./HUMIDIFIER ASSEMBLY Temp. Sensor Humidity Sensor Bracket Assembly/DF Internal Bracket Assembly/UF Internal Bracket Assembly/DF Remote Temp./Humidity Sensor (Std. DF) Temp./Humidity Sensor (Std. UF) Temp./Humidity Sensor (Std. Glycool DF) Temp./Humidity Sensor (Std. Glycool UF) Temp./Humidity Sensor (Std. DF/UF Remote Surfaces)	020 020 020 020 020-0150 (Solid) 020-0162 (Solid) 020 020 020 020 020	0-0331 0-0332 020-0005 (Remote) 020-0172 (Remote) 0-0351 0-0390 0-0357 0-0350 0-0380 0-0381	
	Card Cage Assembly Interface Assembly TEMP./HUMIDIFIER ASSEMBLY Temp. Sensor Humidity Sensor Bracket Assembly/DF Internal Bracket Assembly/UF Internal Bracket Assembly/DF Remote Temp./Humidity Sensor (Std. DF) Temp./Humidity Sensor (Std. UF) Temp./Humidity Sensor (Std. Glycool DF) Temp./Humidity Sensor (Std. Glycool UF) Temp./Humidity Sensor (Std. DF/UF Remote Surfaces) Temp./Humidity Sensor (Std. Glycool DF Remote Surfaces)	020 020 020 020 020 020-0150 (Solid) 020 020 020 020 020 020 020 020 020	0-0331 0-0332 0-0332 0-0350 0-0357 0-0350 0-0380 0-0381 0-0382 0-0386 0-0387	
	Card Cage Assembly Interface Assembly TEMP./HUMIDIFIER ASSEMBLY Temp. Sensor Humidity Sensor Bracket Assembly/DF Internal Bracket Assembly/UF Internal Bracket Assembly/DF Remote Temp./Humidity Sensor (Std. DF) Temp./Humidity Sensor (Std. UF) Temp./Humidity Sensor (Std. Glycool DF) Temp./Humidity Sensor (Std. Glycool UF) Temp./Humidity Sensor (Std. DF/UF Remote Surfaces) Temp./Humidity Sensor (Std. Glycool DF Remote Surfaces) Temp./Humidity Sensor (Std. Glycool UF Remote Surfaces) Temp./Humidity Sensor (Std. Glycool UF Remote Surfaces)	020 020 020 020 020 020-0150 (Solid) 020 020 020 020 020 020 020 020 020	0-0331 0-0332 0-0332 020-0005 (Remote) 020-0172 (Remote) 0-0351 0-0350 0-0380 0-0381 0-0382 0-0386 0-0387 0-0388	
	Card Cage Assembly Interface Assembly TEMP./HUMIDIFIER ASSEMBLY Temp. Sensor Humidity Sensor Bracket Assembly/DF Internal Bracket Assembly/UF Internal Bracket Assembly/DF Remote Temp./Humidity Sensor (Std. DF) Temp./Humidity Sensor (Std. UF) Temp./Humidity Sensor (Std. Glycool DF) Temp./Humidity Sensor (Std. Glycool UF) Temp./Humidity Sensor (Std. DF/UF Remote Surfaces) Temp./Humidity Sensor (Std. Glycool DF Remote Surfaces) Temp./Humidity Sensor (Std. Glycool UF Remote Surfaces) Temp./Humidity Sensor (Std. Glycool UF Remote Surfaces) Microprocessor Board	020 020 020 020 020 020-0150 (Solid) 020 020 020 020 020 020 020 020 020 02	0-0331 0-0332 0-0332 020-0005 (Remote) 020-0172 (Remote) 0-0351 0-0350 0-0380 0-0381 0-0382 0-0386 0-0387 0-0388 0-0388	
	Card Cage Assembly Interface Assembly TEMP./HUMIDIFIER ASSEMBLY Temp. Sensor Humidity Sensor Bracket Assembly/DF Internal Bracket Assembly/UF Internal Bracket Assembly/DF Remote Temp./Humidity Sensor (Std. DF) Temp./Humidity Sensor (Std. UF) Temp./Humidity Sensor (Std. Glycool DF) Temp./Humidity Sensor (Std. Glycool UF) Temp./Humidity Sensor (Std. DF/UF Remote Surfaces) Temp./Humidity Sensor (Std. Glycool DF Remote Surfaces) Temp./Humidity Sensor (Std. Glycool UF Remote Surfaces) Temp./Humidity Sensor (Std. Glycool UF Remote Surfaces) Microprocessor Board Communications Board	020 020 020 020 020 020-0150 (Solid) 020 020 020 020 020 020 020 020 020 02	0-0331 0-0332 0-0332 020-0005 (Remote) 020-0172 (Remote) 0-0351 0-0350 0-0380 0-0381 0-0382 0-0386 0-0387 0-0388 0-0388 0-0251 0-0253	
	Card Cage Assembly Interface Assembly TEMP./HUMIDIFIER ASSEMBLY Temp. Sensor Humidity Sensor Bracket Assembly/DF Internal Bracket Assembly/UF Internal Bracket Assembly/DF Remote Temp./Humidity Sensor (Std. DF) Temp./Humidity Sensor (Std. UF) Temp./Humidity Sensor (Std. Glycool DF) Temp./Humidity Sensor (Std. Glycool UF) Temp./Humidity Sensor (Std. Glycool DF) Temp./Humidity Sensor (Std. Glycool DF) Temp./Humidity Sensor (Std. Glycool DF Remote Surfaces) Temp./Humidity Sensor (Std. Glycool UF Remote Surfaces) Temp./Humidity Sensor (Std. Glycool UF Remote Surfaces) Microprocessor Board Communications Board RAM/EPROM Board	020 020 020 020 020 020-0150 (Solid) 020 020 020 020 020 020 020 020 020 02	0-0331 0-0332 0-0332 020-0005 (Remote) 020-0172 (Remote) 0-0351 0-0350 0-0380 0-0381 0-0382 0-0386 0-0387 0-0388 0-0388 0-0251 0-0253 0-0328	
	Card Cage Assembly Interface Assembly TEMP./HUMIDIFIER ASSEMBLY Temp. Sensor Humidity Sensor Bracket Assembly/DF Internal Bracket Assembly/UF Internal Bracket Assembly/DF Remote Temp./Humidity Sensor (Std. DF) Temp./Humidity Sensor (Std. UF) Temp./Humidity Sensor (Std. Glycool DF) Temp./Humidity Sensor (Std. Glycool UF) Temp./Humidity Sensor (Std. Glycool DF) Temp./Humidity Sensor (Std. Glycool DF) Temp./Humidity Sensor (Std. Glycool DF Remote Surfaces) Temp./Humidity Sensor (Std. Glycool UF Remote Surfaces) Temp./Humidity Sensor (Std. Glycool UF Remote Surfaces) Microprocessor Board Communications Board RAM/EPROM Board Input Board	020 020 020 020 020 020-0150 (Solid) 020 020 020 020 020 020 020 020 020 02	0-0331 0-0332 0-0332 020-0005 (Remote) 020-0172 (Remote) 0-0351 0-0357 0-0350 0-0380 0-0381 0-0382 0-0386 0-0387 0-0388 0-0251 0-0253 0-0328 0-0327	
	Card Cage Assembly Interface Assembly TEMP./HUMIDIFIER ASSEMBLY Temp. Sensor Humidity Sensor Bracket Assembly/DF Internal Bracket Assembly/DF Remote Temp./Humidity Sensor (Std. DF) Temp./Humidity Sensor (Std. UF) Temp./Humidity Sensor (Std. Glycool DF) Temp./Humidity Sensor (Std. Glycool UF) Temp./Humidity Sensor (Std. Glycool UF) Temp./Humidity Sensor (Std. Glycool UF) Temp./Humidity Sensor (Std. Glycool DF Remote Surfaces) Temp./Humidity Sensor (Std. Glycool UF Remote Surfaces) Temp./Humidity Sensor (Std. Glycool UF Remote Surfaces) Microprocessor Board Communications Board RAM/EPROM Board Input Board Output Board	020 020 020 020 020 020-0150 (Solid) 020 020 020 020 020 020 020 020 020 02	0-0331 0-0332 0-0332 020-0005 (Remote) 020-0172 (Remote) 0-0351 0-0357 0-0350 0-0380 0-0381 0-0382 0-0386 0-0387 0-0388 0-0251 0-0253 0-0328 0-0327 0-0326	
	Card Cage Assembly Interface Assembly TEMP./HUMIDIFIER ASSEMBLY Temp. Sensor Humidity Sensor Bracket Assembly/DF Internal Bracket Assembly/UF Internal Bracket Assembly/DF Remote Temp./Humidity Sensor (Std. DF) Temp./Humidity Sensor (Std. UF) Temp./Humidity Sensor (Std. Glycool DF) Temp./Humidity Sensor (Std. Glycool UF) Temp./Humidity Sensor (Std. Glycool DF) Temp./Humidity Sensor (Std. Glycool DF Remote Surfaces) Temp./Humidity Sensor (Std. Glycool DF Remote Surfaces) Temp./Humidity Sensor (Std. Glycool UF Remote Surfaces) Microprocessor Board Communications Board RAM/EPROM Board Input Board Output Board Power Supply 10 Amp	020 020 020 020 020 020-0150 (Solid) 020 020 020 020 020 020 020 020 020 02	0-0331 0-0332 0-0332 020-0005 (Remote) 020-0172 (Remote) 0-0351 0-0357 0-0350 0-0380 0-0381 0-0382 0-0386 0-0387 0-0388 0-0251 0-0253 0-0328 0-0327	
	Card Cage Assembly Interface Assembly TEMP./HUMIDIFIER ASSEMBLY Temp. Sensor Humidity Sensor Bracket Assembly/DF Internal Bracket Assembly/UF Internal Bracket Assembly/DF Remote Temp./Humidity Sensor (Std. DF) Temp./Humidity Sensor (Std. UF) Temp./Humidity Sensor (Std. Glycool DF) Temp./Humidity Sensor (Std. Glycool UF) Temp./Humidity Sensor (Std. DF/UF Remote Surfaces) Temp./Humidity Sensor (Std. Glycool DF Remote Surfaces) Temp./Humidity Sensor (Std. Glycool UF Remote Surfaces) Microprocessor Board Communications Board RAM/EPROM Board Input Board Output Board Power Supply 10 Amp GLYCOOL (OPTIONAL) AQUASTAT	020 020 020 020 020 020 020 020 020 020	0-0331 0-0332 0-0332 020-0005 (Remote) 020-0172 (Remote) 0-0351 0-0350 0-0380 0-0381 0-0382 0-0386 0-0387 0-0388 0-0251 0-0253 0-0328 0-0327 0-0326 0-0355	
	Card Cage Assembly Interface Assembly TEMP./HUMIDIFIER ASSEMBLY Temp. Sensor Humidity Sensor Bracket Assembly/DF Internal Bracket Assembly/UF Internal Bracket Assembly/DF Remote Temp./Humidity Sensor (Std. DF) Temp./Humidity Sensor (Std. UF) Temp./Humidity Sensor (Std. Glycool DF) Temp./Humidity Sensor (Std. Glycool UF) Temp./Humidity Sensor (Std. Glycool DF) Temp./Humidity Sensor (Std. Glycool DF Remote Surfaces) Temp./Humidity Sensor (Std. Glycool DF Remote Surfaces) Temp./Humidity Sensor (Std. Glycool UF Remote Surfaces) Microprocessor Board Communications Board RAM/EPROM Board Input Board Output Board Power Supply 10 Amp GLYCOOL (OPTIONAL) AQUASTAT Bracket Assembly w/Sensors (UF)	020 020 020 020 020 020 020 020 020 020	0-0331 0-0332 0-0332 020-0005 (Remote) 020-0172 (Remote) 0-0351 0-0350 0-0380 0-0381 0-0382 0-0386 0-0387 0-0388 0-0251 0-0253 0-0328 0-0327 0-0326 0-0355	
	Card Cage Assembly Interface Assembly TEMP./HUMIDIFIER ASSEMBLY Temp. Sensor Humidity Sensor Bracket Assembly/DF Internal Bracket Assembly/UF Internal Bracket Assembly/DF Remote Temp./Humidity Sensor (Std. DF) Temp./Humidity Sensor (Std. UF) Temp./Humidity Sensor (Std. Glycool DF) Temp./Humidity Sensor (Std. Glycool UF) Temp./Humidity Sensor (Std. Glycool UF) Temp./Humidity Sensor (Std. Glycool DF Remote Surfaces) Temp./Humidity Sensor (Std. Glycool DF Remote Surfaces) Temp./Humidity Sensor (Std. Glycool UF Remote Surfaces) Microprocessor Board Communications Board RAM/EPROM Board Input Board Output Board Output Board Power Supply 10 Amp GLYCOOL (OPTIONAL) AQUASTAT Bracket Assembly w/Sensors (UF) Bracket Assembly w/Sensors (DF)	020 020 020 020 020 020 020 020 020 020	0-0331 0-0332 0-0332 020-0005 (Remote) 020-0172 (Remote) 0-0351 0-0350 0-0380 0-0381 0-0382 0-0386 0-0387 0-0388 0-0251 0-0253 0-0328 0-0327 0-0326 0-0355	
	Card Cage Assembly Interface Assembly TEMP./HUMIDIFIER ASSEMBLY Temp. Sensor Humidity Sensor Bracket Assembly/DF Internal Bracket Assembly/UF Internal Bracket Assembly/DF Remote Temp./Humidity Sensor (Std. DF) Temp./Humidity Sensor (Std. UF) Temp./Humidity Sensor (Std. Glycool DF) Temp./Humidity Sensor (Std. Glycool UF) Temp./Humidity Sensor (Std. Glycool UF) Temp./Humidity Sensor (Std. Glycool DF Remote Surfaces) Temp./Humidity Sensor (Std. Glycool DF Remote Surfaces) Temp./Humidity Sensor (Std. Glycool UF Remote Surfaces) Microprocessor Board Communications Board RAM/EPROM Board Input Board Output Board Output Board Power Supply 10 Amp GLYCOOL (OPTIONAL) AQUASTAT Bracket Assembly w/Sensors (UF) Bracket Assembly w/Sensors (DF)	020 020 020 020 020 020 020 020 020 020	0-0331 0-0332 0-0332 020-0005 (Remote) 020-0172 (Remote) 0-0351 0-0350 0-0380 0-0381 0-0382 0-0386 0-0387 0-0388 0-0251 0-0253 0-0328 0-0327 0-0326 0-0355	
	Card Cage Assembly Interface Assembly TEMP./HUMIDIFIER ASSEMBLY Temp. Sensor Humidity Sensor Bracket Assembly/DF Internal Bracket Assembly/UF Internal Bracket Assembly/DF Remote Temp./Humidity Sensor (Std. DF) Temp./Humidity Sensor (Std. UF) Temp./Humidity Sensor (Std. Glycool DF) Temp./Humidity Sensor (Std. Glycool UF) Temp./Humidity Sensor (Std. Glycool DF) Temp./Humidity Sensor (Std. Glycool DF Remote Surfaces) Temp./Humidity Sensor (Std. Glycool DF Remote Surfaces) Temp./Humidity Sensor (Std. Glycool UF Remote Surfaces) Microprocessor Board Communications Board RAM/EPROM Board Input Board Output Board Output Board Power Supply 10 Amp GLYCOOL (OPTIONAL) AQUASTAT Bracket Assembly w/Sensors (UF) Bracket Assembly w/Sensors (DF) CABLES Interface To Input	020 020 020 020 020 020 020 020 020 020	0-0331 0-0332 0-0332 020-0005 (Remote) 020-0172 (Remote) 0-0351 0-0350 0-0380 0-0381 0-0382 0-0386 0-0387 0-0388 0-0251 0-0253 0-0328 0-0327 0-0326 0-0355))))))
	Card Cage Assembly Interface Assembly Interface Assembly TEMP./HUMIDIFIER ASSEMBLY Temp. Sensor Humidity Sensor Bracket Assembly/DF Internal Bracket Assembly/DF Remote Temp./Humidity Sensor (Std. DF) Temp./Humidity Sensor (Std. UF) Temp./Humidity Sensor (Std. Glycool DF) Temp./Humidity Sensor (Std. Glycool UF) Temp./Humidity Sensor (Std. Glycool DF) Temp./Humidity Sensor (Std. Glycool DF Remote Surfaces) Temp./Humidity Sensor (Std. Glycool DF Remote Surfaces) Temp./Humidity Sensor (Std. Glycool UF Remote Surfaces) Microprocessor Board Communications Board RAM/EPROM Board Input Board Output Board Output Board Power Supply 10 Amp GLYCOOL (OPTIONAL) AQUASTAT Bracket Assembly w/Sensors (UF) Bracket Assembly w/Sensors (DF) CABLES Interface To Input Interface To Output	020 020 020 020 020 020 020 020 020 020	0-0331 0-0332 0-0332 020-0005 (Remote) 020-0172 (Remote) 0-0351 0-0350 0-0350 0-0380 0-0381 0-0382 0-0386 0-0387 0-0388 0-0251 0-0253 0-0328 0-0327 0-0326 0-0391 0-0392)
	Card Cage Assembly Interface Assembly TEMP./HUMIDIFIER ASSEMBLY Temp. Sensor Humidity Sensor Bracket Assembly/DF Internal Bracket Assembly/UF Internal Bracket Assembly/DF Remote Temp./Humidity Sensor (Std. DF) Temp./Humidity Sensor (Std. UF) Temp./Humidity Sensor (Std. Glycool DF) Temp./Humidity Sensor (Std. Glycool UF) Temp./Humidity Sensor (Std. Glycool DF) Temp./Humidity Sensor (Std. Glycool DF Remote Surfaces) Temp./Humidity Sensor (Std. Glycool DF Remote Surfaces) Temp./Humidity Sensor (Std. Glycool UF Remote Surfaces) Microprocessor Board Communications Board RAM/EPROM Board Input Board Output Board Output Board Power Supply 10 Amp GLYCOOL (OPTIONAL) AQUASTAT Bracket Assembly w/Sensors (UF) Bracket Assembly w/Sensors (DF) CABLES Interface To Input	020 020 020 020 020 020 020 020 020 020	0-0331 0-0332 0-0332 020-0005 (Remote) 020-0172 (Remote) 0-0351 0-0390 0-0357 0-0350 0-0380 0-0381 0-0382 0-0386 0-0387 0-0388 0-0251 0-0253 0-0328 0-0327 0-0326 0-0391 0-0392	

ELECTRONICS (Continued)

LEVEL II W/LOCAL MONITOR (Continued)

Find No.	Description		Part N	umber		RSP	
		208 V	230 V	480 V	575 V		
	TEMP./HUMIDITY CABLES						
	Remote Internal (1)		022	-2742			
	Remote External (1)		022-2741				
	ON UNIT SENSOR CABLES						
	IJF		022	-2763			
-	DF		022	-2670			
	EPROMS/Microprocessors		020-8002				
			020	-8003			
	RAM/EPROM		020	-8004		X	
·			020	-8005			
·			020	-8006	_		
			020	-8007			
			020	-8008			
	Local Monitor Display		020	-8001			
	Relay		G-1	360			
	Start/Stop Switch Assembly		020	-0436			
	Lens		G-3	210			
	Lamp		G12	2-0480			
	Switch		G-3	240			

DISCONNECTS

Description			RSP		
	240 V	4	80 V	600 V	
Disconnect — 100 Amp	E-2890	E-	2880	E-2910	
Disconnect — 225 Amp	E-2900				
DISCONNECT HARDWARE					
Non-Locking — 225 Amp	E-290B				
Locking — 100 Amp	E-289B	E-	289B	E-289B	
Locking — 225 Amp	E-290B				
TRANSFORMERS	208 V	230 V	480 V	575 V	
75 VA (Control Voltage)	E-501A	E-501A	E-501B	E-501C	
75 VA	E-504A	E-504A	E-504B	E-504C	
Control Voltage Relay		E-(013A		
	Disconnect — 100 Amp Disconnect — 225 Amp DISCONNECT HARDWARE Non-Locking — 225 Amp Locking — 100 Amp Locking — 225 Amp TRANSFORMERS 75 VA (Control Voltage) 75 VA	Description 240 V Disconnect — 100 Amp E-2890 Disconnect — 225 Amp E-2900 DISCONNECT HARDWARE Non-Locking — 225 Amp E-290B Locking — 100 Amp E-289B Locking — 225 Amp E-290B TRANSFORMERS 208 V 75 VA (Control Voltage) E-501A 75 VA E-504A	Description Part 240 V 4 Disconnect — 100 Amp E-2890 E- Disconnect — 225 Amp E-2900 E-2900 DISCONNECT HARDWARE Non-Locking — 225 Amp E-290B E-289B E- Locking — 100 Amp E-289B E- E-290B Locking — 225 Amp E-290B E-290B E-501A TRANSFORMERS 208 V 230 V 230 V 75 VA (Control Voltage) E-501A E-501A 75 VA E-504A E-504A	Description Part Number 240 V 480 V Disconnect — 100 Amp E-2890 E-2880 Disconnect — 225 Amp E-2900 DISCONNECT HARDWARE Non-Locking — 225 Amp E-290B E-289B Locking — 100 Amp E-289B E-289B Locking — 225 Amp E-290B E-290B TRANSFORMERS 208 V 230 V 480 V 75 VA (Control Voltage) E-501A E-501A E-501B 75 VA E-504A E-504A E-504B	Description Part Number 240 V 480 V 600 V Disconnect — 100 Amp E-2890 E-2880 E-2910 Disconnect — 225 Amp E-2900 E-2900 DISCONNECT HARDWARE Non-Locking — 225 Amp E-290B E-289B Locking — 100 Amp E-289B E-289B Locking — 225 Amp E-290B E-290B TRANSFORMERS 208 V 230 V 480 V 575 V 75 VA (Control Voltage) E-501A E-501B E-501C 75 VA E-504A E-504B E-504B E-504C

OPTIONS

	Liqui-Tect Panel	031-0005	
	Liqui-Tect Sensor (only)	020-0449	
	Liqui-Tect Sensor w/Box	020-0448	
	50' Cable	022-0147	
	100' Cable	022-0148	
	Standby Unit On (2 Unit Auto Switch Over)	035-0324	
	Sequential Auto Restart Level I Electronics	035-0325	
	Low Suction Pressure	035-0323	
	Compressor Overload 30 Amp	035-0329	
	Compressor Overload 60 Amp	035-0330	
	Main Fan Overload 30 Amp	035-0322	1
	Compressor & Main Fan Overload 30 Amp	035-0326	
	Service Terminal	020-0247	
-#	Floor Stand	#	
	Temp./Humidity Recorder (Encased)	031-0002	
	Recorder	K-0140	
	Sensor	K-0160	
	Charts	K-0170	
	Motor	K-0180	
	Purple Pen	K-0210	
	Red Pen	K-0200	
	Smoke Detector (Complete) (D)	035-0333	
	Smoke Detector (Complete) (V)	035-0334	

[#] Consult Factory

OPTIONS (Continued)

Find No.	Description		Part Number					
		208 V	230 V	480 V	575 V	1		
	Power Supply — Smoke Detector		020	-0151		1		
	Smoke Detector	P-412A						
	Fire Stat (Complete) (D)	035-0331						
	Fire Stat (Complete) (V)	035-0332						
	6-10 Ton w/Econcycle		035-0891					
	Fire Stat		E-2	350		İ		
4-14	Condensate Pump (Complete)					<u> </u>		
	Kit-0021 (Air & Chilled Water)	X	Х			1		
	Kit-0020 (Air & Chilled Water)			X	† · · · · · · · · · · · · · · · · · · ·	İ		
	035-0010 (Air & Chilled Water)				X	1		
	Kit-0022 (Water & Glycol)	X	X					
	Kit-0023 (Water & Glycol)			X				
	035-0020 (Water & Glycol)				X	·		
4-14	Pump		X-0	15A	L	1		
	Transformer		E05-4270 E05-4600					
	Humidifier Manual Reset Safety		035	-0342				
4-14	Check Valve			15C		†		
	SITEMASTER							
	1-8 Units, w/o Printer	020-0258	020-0258	020-0258	020-0258			
	9-16 Units, w/o Printer	020-0259	020-0259	020-0259	020-0259			
	17-24 Units, w/o Printer	020-0260	020-0260	020-0260	020-0260	1		
	1-8 Units, w/Printer	020-0261	020-0261	020-0261	020-0261	<u> </u>		
	9-16 Units, w/Printer	020-0262	020-0262	020-0262	020-0262			
	17-24 Units, w/Printer	020-0263	020-0263	020-0263	020-0263			
	SITEMASTER BREAKDOWN							
	PCB, Backplane		020	-0242	<u>-</u>			
9-4	PCB, EPROM ALARM		020	-0246		İ		
	PCB, Alpha Numeric		020	-0248				
9-7	PCB, Serial Communication		020	-0249		-		
9-3	PCB, Microprocessor		020	-0251		1		
9-5	PCB, Printer		020	-0252				
9-6	PCB, Clock/RAM		020	-0254				
	PCB, Auxiliary Printer		020	-0264		T		
	Card Cage		020	-0256				
	Printer and Door Section		020	-0269		 		
9-9	Paper, Roll, White			420		1		
9-10	Ink Cartridge, Black			430		1		
	Power Supply — 5 VDC, 10 Amp			2-4380		T .		
9-8	Communication Cable			390		1		



Liebert Corporation 1050 Dearborn Drive, P.O. Box 29186 Columbus, Ohio 43229 U.S.A. 614-888-0246 TELEX 246-655 LIEBERT WOGN

> DATE: 1/86 SL-18400 (60)