

FOR MODELS:

**YIA-ST-1A1 THRU YIA-ST-14F3
AND
YIA-HW-1A1 THRU YIA-HW-14F3
(50 AND 60 HERTZ)**

120 TONS THRU 1377 TONS

UNIT NOMENCLATURE

YIA - ST - 1A1 - 46

ELECTRICAL

17 = 208-3-60

28 = 230-3-60

46 = 460-3-60

58 = 575-3-60

50 = 380-3-50

SIZE

1A1 thru 14F3

HEAT SOURCE

ST = Steam

HW = Hot Water

MODEL

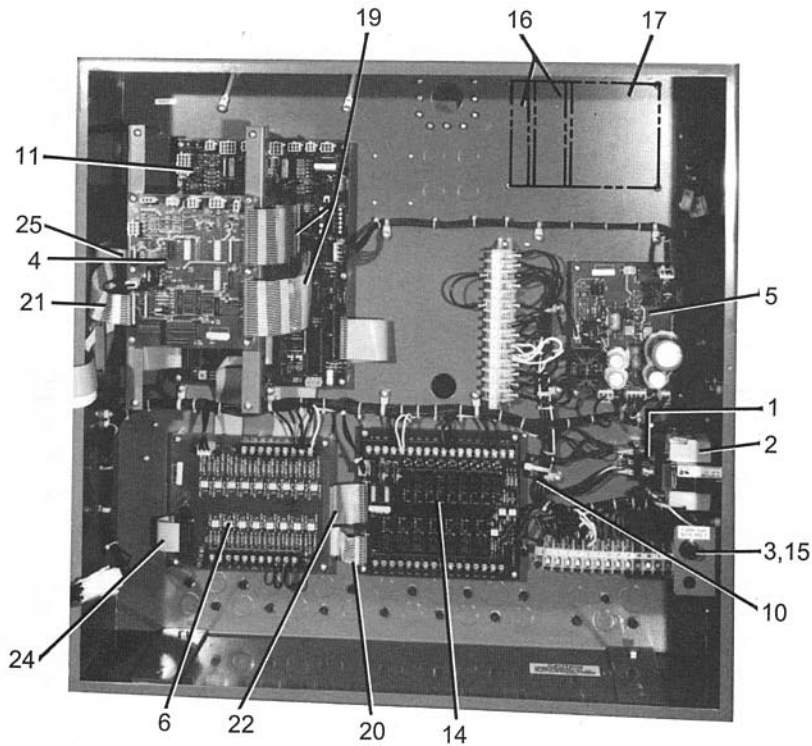
York IsoFlow Chiller

CONTROL COMPONENTS – CONTROL PANEL
SEE FIGURES 1 THRU 4

ITEM	DESCRIPTION	FIG. NO.	QTY.	PART NO.
1	RELAY (1R)	1	1	024-23962-000
2	TRANSFORMER (1T)	1	1	025-27911-000
3	FUSE (1FU), 7A	1	1	025-29905-000
4	CONTROL, I/O EXPANSION BOARD	1	1	031-01301-000
5	CONTROL, POWER SUPPLY	1	1	031-01080-000
6	CONTROL, DIGITAL INPUT	1	1	031-00935-000
7	FASTENER, PAWL ADJ	3	1	021-17252-000
8	DISPLAY	2	1	031-00775-001
9	SWITCH, ROCKER	3	1	024-23143-000
10	SUPPRESSOR	1	1	031-00808-000
11	CONTROL MICRO BOARD (NOTE 2)	1	1	031-01065-001
12	KEYPAD	3	1	024-26193-000
13	EPROM, PROGRAMMED (VERSION A.02F.00)	4	1	031-01417-001
14	CONTROL, RELAY BOARD	1	1	031-01199-000
15	FUSEHOLDER	1	1	025-13991-000
16	CONTROL, REMOTE RESET (CUSTOMER OPTION)	1	VAR ¹	031-00814-000
17	CARD FILE (CUSTOMER OPTION)	1	1	031-00827-000
18	1C, REAL TIME CLOCK-U16	4	1	031-00955-000
19	CABLE, RIBBON - I/O EXPANSION BOARD, J9, J10	1	2	031-01322-000
20	CABLE, RIBBON- RELAY BOARD J3	1	1	031-01323-000
21	CABLE, RIBBON - KEYPAD	1	1	031-00950-000
22	CABLE, RIBBON - RELAY BOARD J1	1	1	031-00951-000
23	CABLE, RIBBON - DISPLAY	2	1	031-00952-000
24	CABLE, RIBBON - DIGITAL INPUT BOARD J1	1	1	031-00953-000
25	CABLE, RIBBON - MICRO BOARD J2	1	1	031-01321-000

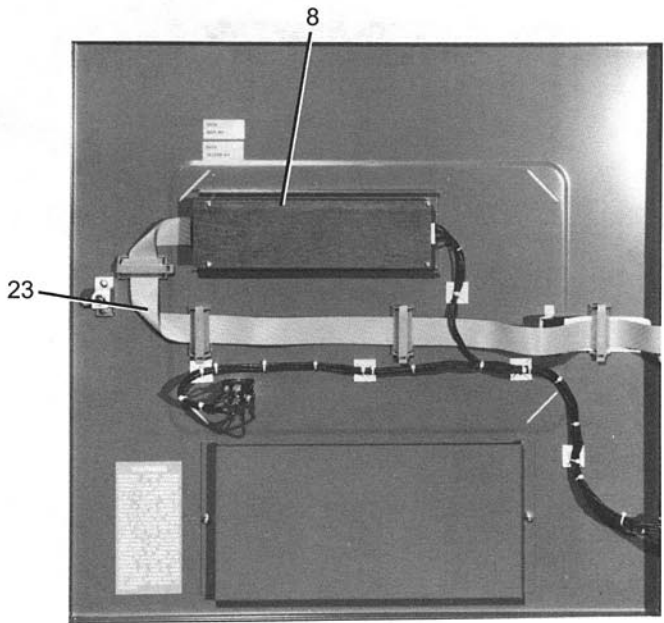
NOTES:

1. If it is desired to remotely reset both the leaving water temperature setpoint and the load limit setpoint, two (2) each remote reset boards are required. Otherwise, only one (1) each is required.
2. Replacement Micro Boards are supplied without EPROM. Remove EPROM from defective board and use in replacement board. If new EPROM is required, refer to Item 13 in the above list.



#26762

FIG. 1



#26761

FIG. 2

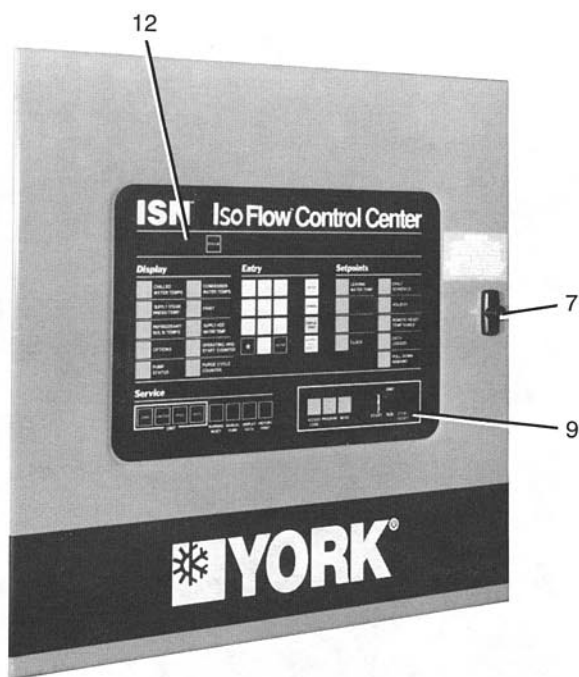


FIG. 3

#26899

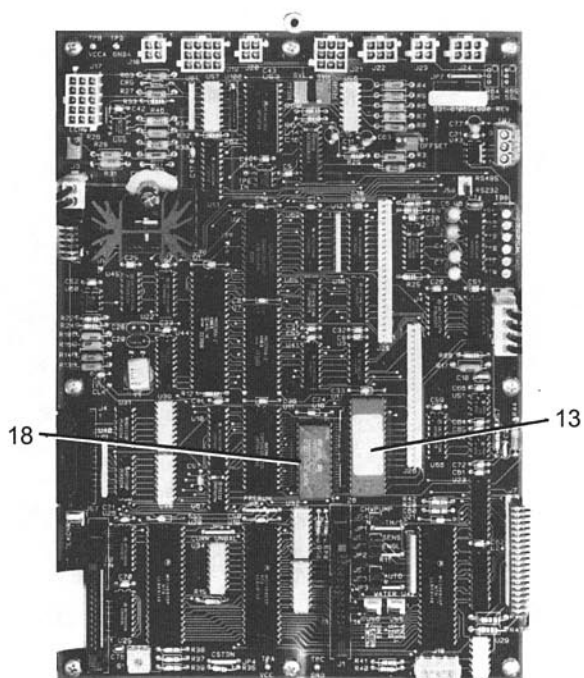


FIG. 4

#26767

PUMP MOTOR PROTECTORS

PUMP		SOLUTION ¹	REFRIGERANT	PURGE	GENERATOR
PROTECTOR		1OL	2OL	3OL	4OL
UNIT SIZE	VOLT CODE	PART NUMBER			
1A1, 1A2 2A3, 2A4 2B1, 3B2 3B3	17	024-25587-000	024-25587-000	024-25576-000	---
	28	024-25587-000	024-25587-000	024-25576-000	---
	46	024-25578-000	024-25578-000	024-25586-000	---
	58	024-25578-000	024-25578-000	024-26186-000	---
	50	024-25578-000	024-25578-000	024-25586-000	---
4B4	17	024-25587-000	024-25587-000	024-25576-000	---
	28	024-25587-000	024-25587-000	024-25576-000	---
	46	024-25578-000	024-25578-000	024-25586-000	---
	58	024-25578-000	024-25578-000	024-26186-000	---
	50	024-25579-000	024-25578-000	024-25586-000	---
4C1	17	024-25587-000	024-25578-000	024-25576-000	---
	28	024-25587-000	024-25587-000	024-25576-000	---
	46	024-25578-000	024-25578-000	024-25586-000	---
	58	024-25578-000	024-25578-000	024-26186-000	---
	50	024-25580-000	024-25578-000	024-25586-000	---
5C2	17	024-25580-000	024-25587-000	024-25576-000	---
	28	024-25580-000	024-25587-000	024-25576-000	---
	46	024-25579-000	024-25578-000	024-25586-000	---
	58	024-25578-000	024-25578-000	024-26186-000	---
	50	024-25579-000	024-25578-000	024-25586-000	---
5C3	17	024-25580-000	024-25587-000	024-25576-000	---
	28	024-25580-000	024-25587-000	024-25576-000	---
	46	024-25579-000	024-25578-000	024-25586-000	---
	58	024-25579-000	024-25578-000	024-26186-000	---
	50	024-25579-000	024-25578-000	024-25586-000	---
6C4, 7D1 7D2	17	024-26187-000	024-25580-000	024-25576-000	---
	28	024-26187-000	024-25580-000	024-25576-000	---
	46	024-25587-000	024-25579-000	024-25586-000	---
	58	024-25579-000	024-25578-000	024-26186-000	---
	50	024-25587-000	024-25579-000	024-25586-000	---
8D3	17	024-25581-000	024-25580-000	024-25576-000	---
	28	024-25581-000	024-25580-000	024-25576-000	---
	46	024-25587-000	024-25579-000	024-25586-000	---
	58	024-25587-000	024-25578-000	024-26186-000	---
	50	024-25587-000	024-25579-000	024-25586-000	---
8E1, 9E2	17	024-26187-000	024-25580-000	024-25576-000	---
	28	024-26187-000	024-25580-000	024-25576-000	---
	46	024-25587-000	024-25579-000	024-25586-000	---
	58	024-25579-000	024-25578-000	024-26186-000	---
	50	024-25587-000	024-25587-000	024-25586-000	---
10E3	17	024-25581-000	024-26187-000	024-25576-000	---
	28	024-25581-000	024-26187-000	024-25576-000	---
	46	024-25587-000	024-25587-000	024-25586-000	---
	58	024-25579-000	024-25579-000	024-26186-000	---
	50	024-25578-000	024-25587-000	024-25586-000	024-25579-000
12F1	17	024-25581-000	024-26187-000	024-25576-000	---
	28	024-25581-000	024-26187-000	024-25576-000	---
	46	024-25587-000	024-25587-000	024-25586-000	---
	58	024-25579-000	024-25579-000	024-26186-000	---
	50	024-25578-000	024-25587-000	024-25586-000	024-25587-000
13F2 14F3	17	024-25581-000	024-26187-000	024-25576-000	---
	28	024-25581-000	024-26181-000	024-25576-000	---
	46	024-25587-000	024-25587-000	024-25586-000	---
	58	024-25579-000	024-25579-000	024-26186-000	---
	50	024-25578-000	024-25587-000	024-25586-000	024-25587-000

NOTE: 1. Absorber Pump on 50Hz 10E3, 12F1, 13F2, and 14F3

POWER PANEL

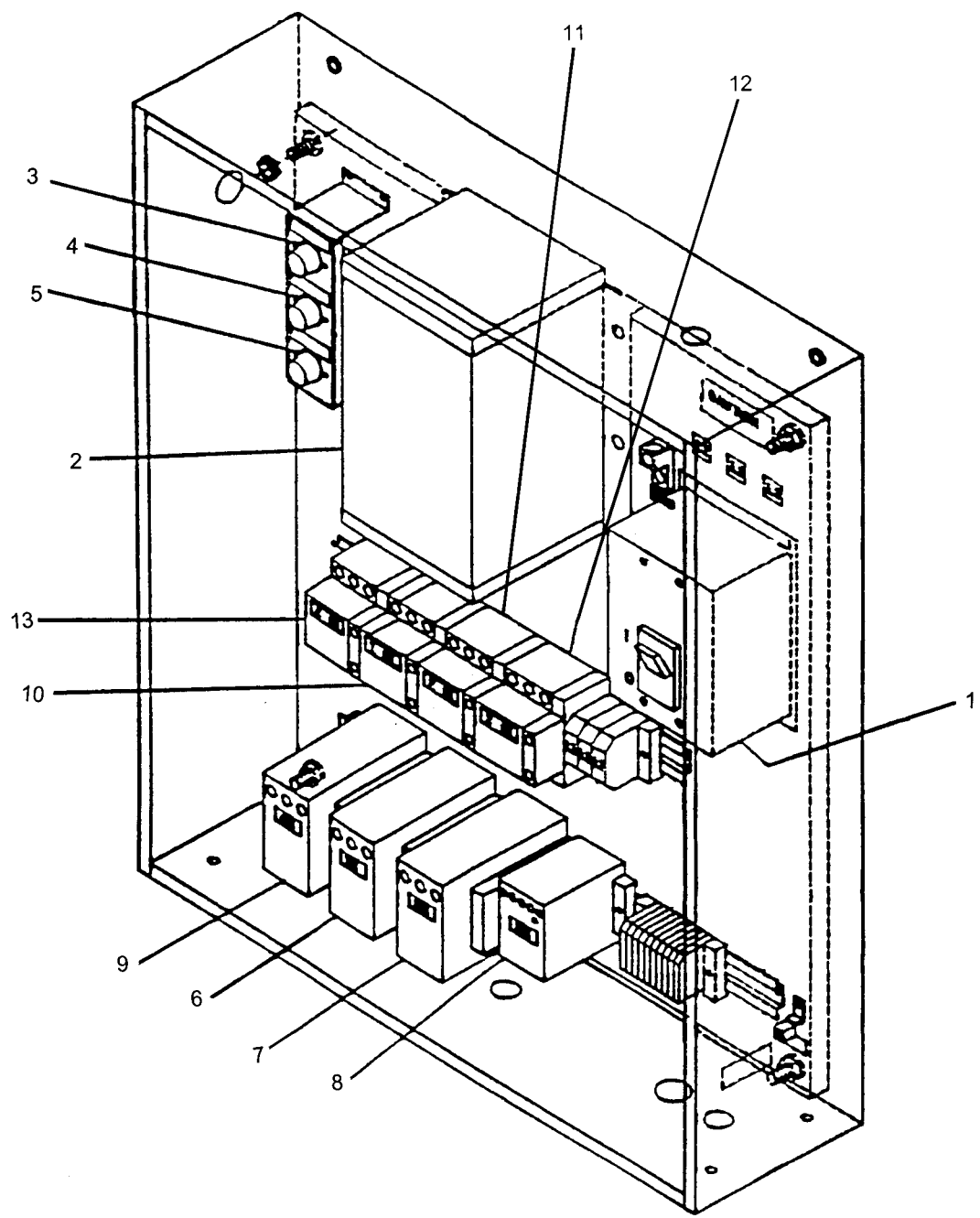


FIG. 5

CONTROL COMPONENTS – POWER PANEL (SEE FIG. 5)

ITEM NO.	QTY/ UNIT	DESCRIPTION	VOLT CODE	PART NUMBER
1	1	POWER DISCONNECT SWITCH	ALL	024-25575-000
2	1	CONTROL TRANSFORMER (CPT - 1T)	17 28 46 58 50	025-28664-001 025-28664-002 025-28664-002 025-28664-000 025-28664-003
3	1	FUSES, PRIMARY 1FU (12 AMPS) (10 AMPS) (5 AMPS) (5 AMPS) (5 AMPS)	17 28 46 58 50	025-27972-000 025-27971-000 025-27922-000 025-27922-000 025-27922-000
4	1	2FU (12 AMPS) (10 AMPS) (5 AMPS) (5 AMPS) (5 AMPS)	17 28 46 58 50	025-27972-000 025-27971-000 025-27922-000 025-27922-000 025-27922-000
5	1	3FU (10 AMPS)	ALL	025-27971-000
6	1	CONTACTORS 1M SOLUTION PUMP ¹	17 28 46 58 50	024-25584-000 024-25584-000 024-25584-000 024-25584-000 024-26189-000
7	1	2M REFRIGERANT PUMP	17 28 46 58 50	024-25584-000 024-25584-000 024-25584-000 024-25584-000 024-26189-000
8	1	3M PURGE PUMP	ALL	024-25222-000
9	1	4M GENERATOR PUMP ²	50	024-26189-000
NOTE: 1. Absorber Pump Starter on 50HZ Models 10E3 THRU 14F3 ONLY. 2. Used on 50HZ Models 10E3 THRU 14F3 ONLY				
10	1	PROTECTOR ASSEMBLIES 10L SOLUTION Pump ¹	SEE PAGE 7	
11	1	20L REFRIGERANT PUMP		
12	1	30L PURGE PUMP		
13	1	40L GENERATOR PUMP ²		
NOTE: 1. Absorber Pump Starter on 50HZ Models 10E3 THRU 14F3 ONLY. 2. Used on 50HZ Models 10E3 THRU 14F3 ONLY				

SYSTEM CONTROL COMPONENTS

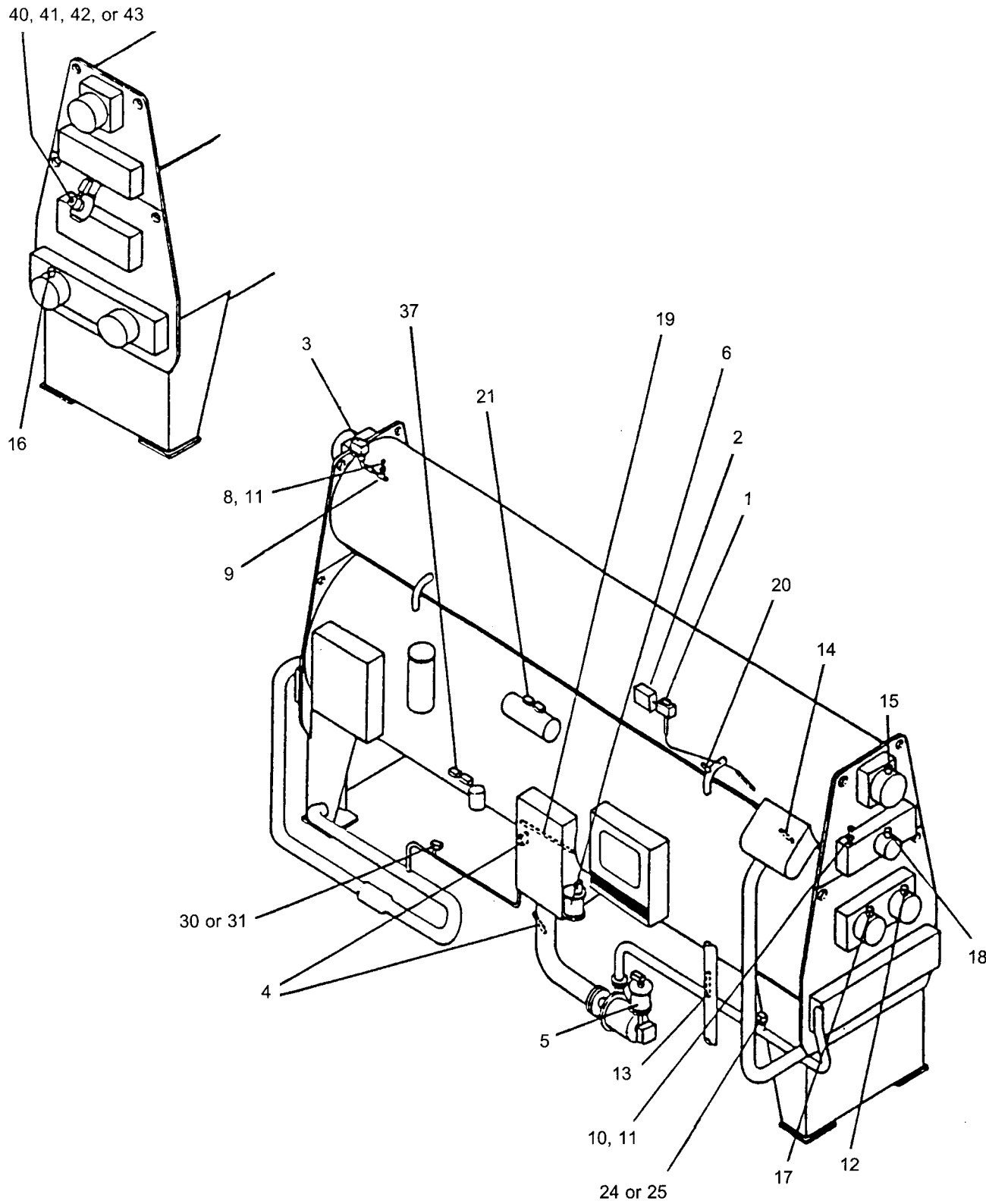


FIG. 6

SYSTEM COMPONENTS

CONTROLS (SEE FIG. 6)				
ITEM NO.	SYM.	DESCRIPTION	UNIT SIZE	PART NUMBER
1	HT1	HIGH TEMPERATURE CUTOUT SWITCH	ALL	025-29995-000
2	2R	GENERATOR HIGH TEMPERATURE CUTOUT RELAY	ALL	024-23962-000
3	HP1	HIGH PRESSURE CUTOUT SWITCH, CALIBRATED	ALL	224-25525-058
4	LRT	LOW REFRIGERANT TEMP. CUTOUT SWITCH	ALL	225-30495-000
5	1F	REFRIGERANT LEVEL FLOAT SWITCH	ALL	024-11968-000
6	2F	MOTOR COOLANT FLOAT SWITCH	ALL	024-11968-000
7		CONTACT ELEMENT REPLACEMENT FOR ITEMS 5,6 ¹	ALL	024-14666-000
8	PT1	GENERATOR PRESSURE TRANSDUCER	ALL	025-29907-001
9		ANGLE STOP VALVE (USE WITH ITEM 8)	ALL	022-05089-000
10	PT2	STEAM SUPPLY PRES. TRANSDUCER ²	ALL	025-29148-001
11		ISOLATOR (USE WITH (ITEMS 8,10))	ALL	026-30229-000
12	RT1	TEMPERATURE SENSOR: LEAVING CHILLED WATER	ALL	025-29964-000
13	RT2	TEMPERATURE SENSOR: AUTO DECRYSTALLIZATION	ALL	025-28935-000
14	RT3	TEMPERATURE SENSOR: STRONG SOLUTION	ALL	025-30457-000
15	RT4	TEMPERATURE SENSOR: LEAVING CONDENSER WATER	ALL	025-29964-000
16	RT5	TEMPERATURE SENSOR: ENTERING CONDENSER WATER	ALL	025-29964-000
17	RT6	TEMPERATURE SENSOR: ENTERING CHILLED WATER	ALL	025-29964-000
18	RT7	TEMPERATURE SENSOR: STEAM/HOT WATER SUPPLY	ALL	025-30457-000
19	RT8	TEMPERATURE SENSOR: REFRIGERANT LEAVING EVAP.	ALL	025-28935-000
20	RT9	TEMPERATURE SENSOR: REFRIGERANT LEAVING COND.	ALL	025-28935-000
21	1SOL	MOTOR COOLANT SOLENOID VALVE	ALL	025-16909-000
22		REPLACEMENT SOLENOID COIL FOR ITEM 21 ¹	ALL	025-16911-000
23		SPARE PARTS KIT FOR ITEM 21 ¹	ALL	025-16910-000
24	2SOL	STABILIZER REFRIGERANT SOLENOID VALVE	1A1-6C4	025-17885-000
25	2SOL	STABILIZER REFRIGERANT SOLENOID VALVE	7D1-6C4	025-17886-000
26		REPLACEMENT SOLENOID COIL FOR ITEM 24 ¹	1A1-6C4	025-18581-000
27		REPLACEMENT SOLENOID COIL FOR ITEM 25 ¹	7D1-14F3	025-18582-000
28		SPARE PARTS KIT FOR ITEM 24 (DIAPHRAGM) ¹	1A1-6C4	025-18583-000
29		SPARE PARTS KIT FOR ITEM 25 (DIAPHRAGM) ¹	7D1-14F3	025-18584-000
30	3SOL	REFRIGERANT LEVEL SOLENOID VALVE	1A1-6C4	025-17885-000
31	3SOL	REFRIGERANT LEVEL SOLENOID VALVE	7D1-14F3	025-17886-000
32		REPLACEMENT SOLENOID COIL FOR ITEM 30 ¹	1A1-6C4	025-18581-000
33		REPLACEMENT SOLENOID COIL FOR ITEM 31 ¹	7D1-14F3	025-18582-000
34		SPARE PARTS KIT FOR ITEM 30 (DIAPHRAGM) ¹	1A1-6C4	025-18583-000
35		SPARE PARTS KIT FOR ITEM 31 (DIAPHRAGM) ¹	7D1-14F3	025-18584-000
36	4SOL	STEAM/HOT WATER SHUTOFF SOLENOID VALVE ¹ (FURNISHED BY OTHERS)	---	---
37	5SOL	PURGE SOLENOID VALVE	ALL	025-11509-000
38		REPLACEMENT SOLENOID COIL FOR ITEM 37 ¹	ALL	025-11611-000
39		SPARE PARTS KIT FOR ITEM 37 ¹	ALL	025-14536-000
40	6SOL	STEAM CONDENSATE DRAIN SOLENOID VALVE ² 60HZ	1A1-4B4	025-40461-000
41	6SOL	STEAM CONDENSATE DRAIN SOLENOID VALVE ² 50HZ	1A1-4B4	025-30458-000
42	6SOL	STEAM CONDENSATE DRAIN SOLENOID VALVE ² 60HZ	4C1-14F3	025-30462-000
43	6SOL	STEAM CONDENSATE DRAIN SOLENOID VALVE ² 50HZ	4C1-14F3	025-30459-000
44		REPLACEMENT SOLENOID COIL FOR ITEM 40 ¹ 60HZ	1A1-4B4	NOTE 3
45		REPLACEMENT SOLENOID COIL FOR ITEM 41 ¹ 50HZ	1A1-4B4	NOTE 3
46		REPLACEMENT SOLENOID COIL FOR ITEM 42 ¹ 60HZ	4C1-14F3	NOTE 3
47		REPLACEMENT SOLENOID COIL FOR ITEM 43 ¹ 50HZ	4C1-14F3	NOTE 3
48		SPARE PARTS KIT FOR ITEM 40 ¹ 60HZ	1A1-4B4	NOTE 3
49		SPARE PARTS KIT FOR ITEM 41 ¹ 50HZ	1A1-4B4	NOTE 3
50		SPARE PARTS KIT FOR ITEM 42 ¹ 60HZ	4C1-14F3	NOTE 3
51		SPARE PARTS KIT FOR ITEM 43 ¹ 50HZ	4C1-14F3	NOTE 3
52		SUPPRESSOR (USE WITH ITEMS 2,21,24,25,30,31, 36,37,40,41,42,43) ¹	ALL	031-00808-000

NOTES: 1. Not Shown
2. Steam Units Only
3. Contact Factory

SYSTEM COMPONENTS (NOT SHOWN)

ITEM NO.	SYM.	DESCRIPTION	UNIT SIZE	PART NUMBER
CONTROLS (Cont)				
53	MOV	METAL OXIDE VARISTER (USE WITH STEAM/HOT WATER VALVE ACTUATOR)	ALL	031-01349-000
54	CHFLS	CHILLED WATER FLOW SWITCH ¹ 150PSI	ALL	024-15793-000
55	CHFLS	CHILLED WATER FLOW SWITCH ¹ 300PSI	ALL	024-12144-000
56		FIELD WIRING	ALL	035-09782-000
57		FIELD CONTROL MODIFICATIONS	ALL	FORM 155.16-PA1
58		FIELD CONNECTIONS	ALL	FORM 155.16-PA2
59		WIRING DIAGRAMS	ALL	FORM 155.16-W1
60		INSTALLATION INSTRUCTIONS, FIELD REPLACEMENT TRANSDUCER AND WATER TEMPERATURE SENSOR	ALL	FORM 050.00-N1
61		STEAM CONTROL VALVE (ELECTRONIC) - COMPLETE		SEE TABLE 3
62		REPLACEMENT ACTUATOR FOR ITEM 61		
63		HOT WATER CONTROL VALVE (ELECTRONIC) - COMPLETE		SEE TABLE 2
64		REPLACEMENT ACTUATOR FOR ITEM 63		
NOTE: 1. CHILLED WATER FLOW SWITCH IS STANDARD. CONDENSER WATER FLOW SWITCH AND HOT WATER FLOW SWITCH ARE OPTIONAL. ALL THREE SWITCHES ARE THE SAME PART NUMBER.				
MANUAL DIAPHRAGM VALVES				
65		DIAPHRAGM VALVE, 1/2" NPTI (SCREW BOTH ENDS)	ALL	022-02046-000
66		REPLACEMENT DIAPHRAGM FOR ITEM 65 (1/2" VALVE)	ALL	022-04371-000
67		DIAPHRAGM VALVE, 3/4" NPS (SOCKET BOTH ENDS)	ALL	022-02457-000
68		REPLACEMENT DIAPHRAGM FOR ITEM 67 (3/4" VALVE)	ALL	022-02163-000
RUPTURE DISK ASSEMBLY (HOT WATER UNITS)				
69		RUPTURE DISK (4" DIAMETER PORT) WITH GASKETS	ALL	026-10433-000
70		NEOPRENE HOSE (RUPTURE DISK VENT CONNECTION)	ALL	067-41892-000
71		HOSE CLAMP (RUPTURE DISK VENT CONNECTION)	ALL	023-07984-000
PURGE SYSTEM				
72		VACUUM PUMP	1A1 - 8D3	026-32806-000
73		VACUUM PUMP	8E1 -14F3	026-32805-000
74		SPARE PARTS KIT FOR ITEM 72	1A1 - 8D3	CONTACT FACTORY
75		SPARE PARTS KIT FOR ITEM 73	8E1 -14F3	CONTACT FACTORY
76		VACUUM HOSE (PUMP SUCTION)	1A1 - 8D3	067-91860-000
77		VACUUM HOSE PUMP SUCTION	8E1 -14F3	066-88189-000
78		VACUUM HOSE (PUMP DISCHARGE)	1A1 - 8D3	066-88190-000
79		VACUUM HOSE (PUMP DISCHARGE)	8E1 -14F3	066-88190-000
80		BUBBLE COUNT BOTTLE (MEDICAL VIAL)	ALL	028-08642-000
81		VACUUM PUMP OIL (1 GALLON)	ALL	011-00447-000
82		ABSOLUTE PRESSURE GAGE, 5" DIAL	ALL	026-09261-000
83		BALL VALVE (1/2" NPTI)	ALL	022-02558-000
PUMP AND MOTOR ACCESSORIES				
84		SHAFT SEAL, SOLUTION PUMP 50/60HZ	1A1 - 5C3	029-10763-000
85		1-1/8" SHAFT, 4 POLE MOTOR (2x4 PUMP)		
86		SHAFT SEAL, SOLUTION PUMP 60HZ	6C4 - 7D1	029-10763-000
87		1-1/8" SHAFT, 4 POLE MOTOR (2x4 PUMP)		
88		SHAFT SEAL, SOLUTION PUMP 50HZ	6C4 - 9E2	029-11079-000
89		1-1/4" SHAFT, 6 POLE MOTOR (3x6 PUMP)		
90		SHAFT SEAL, SOLUTION PUMP 60HZ	7D2 -14F3	029-11079-000
91		1-1/4" SHAFT, 6 POLE MOTOR (3x6 & 4x6 PUMP)		
92		SHAFT SEAL, ABSORBER PUMP 50HZ	10E3-14F3	029-10763-000
93		1-1/8" SHAFT, 4 POLE MOTOR (2x4 PUMP)		
94		SHAFT SEAL, GENERATOR PUMP 50HZ	10E3	029-10763-000
95		1-1/8" SHAFT, 4 POLE MOTOR (2x4 PUMP)		
96		SHAFT SEAL, GENERATOR PUMP 50HZ	12F1-14F3	029-11079-000
97		1-1/4" SHAFT, 6 POLE MOTOR (3x6 PUMP)		
98		SHAFT SEAL, REFRIGERANT PUMP 50/60HZ	1A1 - 8D3	029-10763-000
99		1-1/8" SHAFT, 4 POLE MOTOR (2x4 PUMP)		
100		SHAFT SEAL, REFRIGERANT PUMP 60HZ	8E1 - 9E2	029-10763-000
101		1-1/8" SHAFT, 4 POLE MOTOR (2x4 PUMP)		

ITEM NO.	DESCRIPTION	UNIT SIZE	PART NUMBER
PUMP AND MOTOR ACCESSORIES (Cont)			
93	SHAFT SEAL, REFRIGERANT PUMP 1-1/4" SHAFT, 6 POLE MOTOR (3x6 PUMP)	50HZ	8E1 - 9E2
94	SHAFT SEAL, REFRIGERANT PUMP 1-1/4" SHAFT, 6 POLE MOTOR (3x6 PUMP)	50/60HZ	10E3-14F3
95	INTERNAL THERMOSTAT KIT FOR ALL MOTORS	ALL	025-14534-000
96	PACKING RING, SOLUTION PUMP 4 POLE MOTOR (2x4 PUMP)	50/60HZ	1A1 - 5C3
97	PACKING RING, SOLUTION PUMP 6 POLE MOTOR (2x4 PUMP)	60HZ	6C4 - 7D1
98	PACKING RING, SOLUTION PUMP 6 POLE MOTOR (3x6 PUMP)	50HZ	6C4 - 9E2
99	PACKING RING, ABSORBER PUMP 4 POLE MOTOR (2x4 PUMP)	50HZ	10E3-14F3
100	PACKING RING, GENERATOR PUMP 4 POLE MOTOR (2x4 PUMP)	50HZ	10E3
101	PACKING RING, GENERATOR PUMP 6 POLE MOTOR (3x6)	50HZ	12F1-14F3
102	PACKING RING, REFRIGERANT PUMP 4 POLE MOTOR (2x4 PUMP)	50/60HZ	1A1 - 8D3
103	PACKING RING, REFRIGERANT PUMP 4 POLE MOTOR (2x4 PUMP)	60HZ	8E1 - 9E2
104	PACKING RING, REFRIGERANT PUMP 6 POLE MOTOR (3x6 PUMP)	50HZ	8E1 - 9E2
105	PACKING RING, REFRIGERANT PUMP 6 POLE MOTOR (3x6 PUMP)	50/60HZ	10E3-14F3
106	PACKING RING, INTERNAL - ALL MOTORS	ALL	028-07640-000
107	GASKET, SOLUTION PUMP SUCTION (2x4 PUMP)	50/60HZ	1A1 - 5C3
108	GASKET, SOLUTION PUMP SUCTION (2x4 PUMP)	60HZ	6C4 - 7D1
109	GASKET, SOLUTION PUMP SUCTION (3x6 PUMP)	50HZ	6C4 - 9E2
110	GASKET, SOLUTION PUMP SUCTION (3x6 & 4x6 PUMP)	60HZ	7D1 -14F3
111	GASKET, ABSORBER PUMP SUCTION (2x4 PUMP)	50HZ	10E3-14F3
112	GASKET, GENERATOR PUMP SUCTION (2x4 PUMP)	50HZ	10E3
113	GASKET, GENERATOR PUMP SUCTION (3x6 PUMP)	50HZ	12F1-14F3
114	GASKET, REFRIGERANT PUMP SUCTION (2x4 PUMP)	50/60HZ	1A1 - 8D3
115	GASKET, REFRIGERANT PUMP SUCTION (2x4 PUMP)	60HZ	8E1 - 9E2
116	GASKET, REFRIGERANT PUMP SUCTION (3x6 PUMP)	50HZ	8E1 - 9E2
117	GASKET, REFRIGERANT PUMP SUCTION (3x6 PUMP)	50/60HZ	10E3-14F3
118	GASKET, SOLUTION PUMP DISCHARGE (2x4 PUMP)	50/60HZ	1A1 - 5C3
119	GASKET, SOLUTION PUMP DISCHARGE (2x4 PUMP)	60HZ	6C4 - 7D1
120	GASKET, SOLUTION PUMP DISCHARGE (3x6 PUMP)	50HZ	6C4 - 9E2
121	GASKET, SOLUTION PUMP DISCHARGE (3x6 PUMP)	60HZ	7D2 - 8D3
122	GASKET, SOLUTION PUMP DISCHARGE (4x6 PUMP)	60HZ	8E1 -14F3
123	GASKET, ABSORBER PUMP DISCHARGE (2x4 PUMP)	50HZ	10E3-14F3
124	GASKET, GENERATOR PUMP DISCHARGE (2x4 PUMP)	50HZ	10E3
125	GASKET, GENERATOR PUMP DISCHARGE (3x6 PUMP)	50HZ	12F1-14F3
126	GASKET, REFRIGERANT PUMP DISCHARGE (2x4 PUMP)	50/60HZ	1A1 - 8D3
127	GASKET, REFRIGERANT PUMP DISCHARGE (2x4 PUMP)	60HZ	8E1 - 9E2
128	GASKET, REFRIGERANT PUMP DISCHARGE (3x6 PUMP)	50HZ	8E1 - 9E2
129	GASKET, REFRIGERANT PUMP DISCHARGE (3x6 PUMP)	50/60HZ	10E3-14F3
130	GASKET, MOTOR COOLANT SUCTION	ALL	067-63255-000
131	SCREEN, MAGNETIC STRAINER (MOTOR COOLANT RESERVOIR)	ALL	029-10346-000
132	GASKET, MAGNETIC STRAINER FLANGE	ALL	067-58981-000
133	LOCKWASHER, 5/8 EXTERNAL TOOTH (2x4 PUMP)	AS REQD	021-12598-000
134	LOCKWASHER, 3/4 EXTERNAL TOOTH (3x6 & 4x6 pump)	AS REQD	021-12899-000
135	IMPELLER NUT, 5/8-18UNF-2B, LEFT HAND THREADS	AS REQD	067-66393-000
136	P-80 RUBBER LUBRICANT	ALL	044-01711-000

PUMP		SOLUTION		REFRIGERANT		GENERATOR	
UNIT SIZE	VOLT CODE	PART NUMBER	DIAM	PART NUMBER	DIAM	PART NUMBER	DIAM
PUMP/MOTOR COMPONENTS							
PUMP IMPELLERS							
1A1, 1A2 2A3	17	066-89156-001	5-7/8	066-89156-002	6-1/4	---	---
	28	066-89156-001	5-7/8	066-89156-002	6-1/4	---	---
	46	066-89156-001	5-7/8	066-89156-002	6-1/4	---	---
	58	066-89156-001	5-7/8	066-89156-002	6-1/4	---	---
	50	066-89156-004	7	066-89156-005	7-1/2	---	---
2A4	17	066-89156-002	6-1/4	066-89156-002	6-1/4	---	---
	28	066-89156-002	6-1/4	066-89156-002	6-1/4	---	---
	46	066-89156-002	6-1/4	066-89156-002	6-1/4	---	---
	58	066-89156-002	6-1/4	066-89156-002	6-1/4	---	---
	50	066-89156-005	7-1/2	066-89156-005	7-1/2	---	---
2B1	17	066-89156-001	5-7/8	066-89156-003	6-5/8	---	---
	28	066-89156-001	5-7/8	066-89156-003	6-5/8	---	---
	46	066-89156-001	5-7/8	066-89156-003	6-5/8	---	---
	58	066-89156-001	5-7/8	066-89156-003	6-5/8	---	---
	50	066-89156-004	7	066-89157-010	7-3/4	---	---
3B2	17	066-89156-002	6-1/4	066-89156-003	6-5/8	---	---
	28	066-89156-002	6-1/4	066-89156-003	6-5/8	---	---
	46	066-89156-002	6-1/4	066-89156-003	6-5/8	---	---
	58	066-89156-002	6-1/4	066-89156-003	6-5/8	---	---
	50	066-89156-005	7-1/2	066-89157-001	8	---	---
3B3	17	066-89156-003	6-5/8	066-89156-007	6-7/8	---	---
	28	066-89156-003	6-5/8	066-89156-007	6-7/8	---	---
	46	066-89156-003	6-5/8	066-89156-007	6-7/8	---	---
	58	066-89156-003	6-5/8	066-89156-007	6-7/8	---	---
	50	066-89157-007	7-7/8	066-89157-001	8	---	---
4B4	17	066-89156-004	7	066-89156-004	7	---	---
	28	066-89156-004	7	066-89156-004	7	---	---
	46	066-89156-004	7	066-89156-004	7	---	---
	58	066-89156-004	7	066-89156-004	7	---	---
	50	066-89157-004	8-1/4	066-89157-001	8	---	---
4C1	17	066-89156-004	7	066-89156-007	6-7/8	---	---
	28	066-89156-004	7	066-89156-007	6-7/8	---	---
	46	066-89156-004	7	066-89156-007	6-7/8	---	---
	58	066-89156-004	7	066-89156-007	6-7/8	---	---
	50	066-89157-008	8-1/8	066-89157-001	8	---	---
5C2	17	066-89156-006	7-1/4	066-89156-007	6-7/8	---	---
	28	066-89156-006	7-1/4	066-89156-007	6-7/8	---	---
	46	066-89156-006	7-1/4	066-89156-007	6-7/8	---	---
	58	066-89156-006	7-1/4	066-89156-007	6-7/8	---	---
	50	066-89157-005	8-1/2	066-89157-001	8	---	---
5C3	17	066-89157-001	8	066-89156-004	7	---	---
	28	066-89157-001	8	066-89156-004	7	---	---
	46	066-89157-001	8	066-89156-004	7	---	---
	58	066-89157-001	8	066-89156-004	7	---	---
	50	066-89157-003	9	066-89157-004	8-1/4	---	---
6C4	17	066-89158-014	9-1/8	066-89156-005	7-1/2	---	---
	28	066-89158-014	9-1/8	066-89156-005	7-1/2	---	---
	46	066-89158-014	9-1/8	066-89156-005	7-1/2	---	---
	58	066-89158-014	9-1/8	066-89156-005	7-1/2	---	---
	50	066-89158-006	10-1/2	066-89157-006	8-5/8	---	---
7D1	17	066-89157-004	8-1/4	066-89156-005	7-1/2	---	---
	28	066-89157-004	8-1/4	066-89156-005	7-1/2	---	---
	46	066-89157-004	8-1/4	066-89156-005	7-1/2	---	---
	58	066-89157-004	8-1/4	066-89156-005	7-1/2	---	---
	50	066-89158-006	10-1/2	066-89157-006	8-5/8	---	---
7D2	17	066-89158-004	9-3/4	066-89156-005	7-1/2	---	---
	28	066-89158-004	9-3/4	066-89156-005	7-1/2	---	---
	46	066-89158-004	9-3/4	066-89156-005	7-1/2	---	---
	58	066-89158-004	9-3/4	066-89156-005	7-1/2	---	---
	50	066-89159-003	11-1/8	066-89157-006	8-5/8	---	---

PUMP		SOLUTION ¹		REFRIGERANT		GENERATOR	
UNIT SIZE	VOLT CODE	PART NUMBER	DIAM	PART NUMBER	DIAM	PART NUMBER	DIAM
PUMP IMPELLERS (Cont)							
8D3	17	066-89158-008	10	066-89157-001	8	---	---
	28	066-89158-008	10	066-89157-001	8	---	---
	46	066-89158-008	10	066-89157-001	8	---	---
	58	066-89158-008	10	066-89157-001	8	---	---
	50	066-89159-001	11-1/4	066-89157-011	8-7/8	---	---
8E1	17	066-89160-003	9	066-89157-004	8-1/4	---	---
	28	066-89160-003	9	066-89157-004	8-1/4	---	---
	46	066-89160-003	9	066-89157-004	8-1/4	---	---
	58	066-89160-003	9	066-89157-004	8-1/4	---	---
	50	066-89159-006	11	066-89158-005	11	---	---
9E2	17	066-89160-003	9	066-89157-005	8-1/2	---	---
	28	066-89160-003	9	066-89157-005	8-1/2	---	---
	46	066-89160-003	9	066-89157-005	8-1/2	---	---
	58	066-89160-003	9	066-89157-005	8-1/2	---	---
	50	066-89159-001	11-1/4	066-89159-003	11-1/8	---	---
10E3	17	066-89160-003	9	066-89158-003	10-1/4	---	---
	28	066-89160-003	9	066-89158-003	10-1/4	---	---
	46	066-89160-003	9	066-89158-003	10-1/4	---	---
	58	066-89160-003	9	066-89158-003	10-1/4	---	---
	50	066-89156-005	7-1/2	066-89159-001	11-1/4	066-89157-011	8-7/8
12F1	17	066-89160-003	9	066-89158-003	10-1/4	---	---
	28	066-89160-003	9	066-89158-003	10-1/4	---	---
	46	066-89160-003	9	066-89158-003	10-1/4	---	---
	58	066-89160-003	9	066-89158-003	10-1/4	---	---
	50	066-89156-004	7	066-89159-008	11-3/4	066-89158-006	10-1/2
13F2	17	066-89160-003	9	066-89158-006	10-1/2	---	---
	28	066-89160-003	9	066-89158-006	10-1/2	---	---
	46	066-89160-003	9	066-89158-006	10-1/2	---	---
	58	066-89160-003	9	066-89158-006	10-1/2	---	---
	50	066-89156-006	7-1/4	066-89159-008	11-3/4	066-89158-002	10-3/4
14F3	17	066-89160-003	9	066-89158-002	10-3/4	---	---
	28	066-89160-003	9	066-89158-002	10-3/4	---	---
	46	066-89160-003	9	066-89158-002	10-3/4	---	---
	58	066-89160-003	9	066-89158-002	10-3/4	---	---
	50	066-89156-004	7	066-89159-009	12-1/4	066-89158-005	11

Note: 1. Absorber Pump on 50Hz 10E3, 12F1, 13F2, and 14F3

PUMP HOUSINGS

UNIT SIZE	VOLT CODE	PART NUMBER	PART NUMBER	PART NUMBER
1A1, 1A2 2A3, 2A4	17	066-21768-000	066-21768-000	---
	28	066-21768-000	066-21768-000	---
	46	066-21768-000	066-21768-000	---
	58	066-21768-000	066-21768-000	---
	50	066-21768-000	066-21768-000	---
2B1, 3B2	17	066-21768-000	066-21768-000	---
	28	066-21768-000	066-21768-000	---
	46	066-21768-000	066-21768-000	---
	58	066-21768-000	066-21768-000	---
	50	066-21768-000	066-21769-000	---
3B3, 4B4 4C1, 5C2	17	066-21768-000	066-21768-000	---
	28	066-21768-000	066-21768-000	---
	46	066-21768-000	066-21768-000	---
	58	066-21768-000	066-21768-000	---
	50	066-21769-000	066-21769-000	---
5C3	17	066-21769-000	066-21768-000	---
	28	066-21769-000	066-21768-000	---
	46	066-21769-000	066-21768-000	---
	58	066-21769-000	066-21768-000	---
	50	066-21769-000	066-21769-000	---

PUMP		SOLUTION ¹	REFRIGERANT	GENERATOR
UNIT SIZE	VOLT CODE	PART NUMBER	PART NUMBER	PART NUMBER
PUMP HOUSINGS (Cont)				
6C4	17	066-21770-000	066-21768-000	---
	28	066-21770-000	066-21768-000	---
	46	066-21770-000	066-21768-000	---
	58	066-21770-000	066-21768-000	---
	50	066-21770-000	066-21769-000	---
7D1	17	066-21769-000	066-21768-000	---
	28	066-21769-000	066-21768-000	---
	46	066-21769-000	066-21768-000	---
	58	066-21769-000	066-21768-000	---
	50	066-21770-000	066-21769-000	---
7D2	17	066-21770-000	066-21768-000	---
	28	066-21770-000	066-21768-000	---
	46	066-21770-000	066-21768-000	---
	58	066-21770-000	066-21768-000	---
	50	066-21771-000	066-21769-000	---
8D3	17	066-21770-000	066-21769-000	---
	28	066-21770-000	066-21769-000	---
	46	066-21770-000	066-21769-000	---
	58	066-21770-000	066-21769-000	---
	50	066-21771-000	066-21769-000	---
8E1	17	066-21772-000	066-21769-000	---
	28	066-21772-000	066-21769-000	---
	46	066-21772-000	066-21769-000	---
	58	066-21772-000	066-21769-000	---
	50	066-21771-000	066-21770-000	---
9E2	17	066-21772-000	066-21769-000	---
	28	066-21772-000	066-21769-000	---
	46	066-21772-000	066-21769-000	---
	58	066-21772-000	066-21769-000	---
	50	066-21771-000	066-21771-000	---
10E3	17	066-21772-000	066-21770-000	---
	28	066-21772-000	066-21770-000	---
	46	066-21772-000	066-21770-000	---
	58	066-21772-000	066-21770-000	---
	50	066-21768-000	066-21771-000	066-21769-000
12F1	17	066-21772-000	066-21770-000	---
13F2	28	066-21772-000	066-21770-000	---
14F3	46	066-21772-000	066-21770-000	---
	58	066-21772-000	066-21770-000	---
	50	066-21768-000	066-21771-000	066-21770-000
NOTE: 1. Absorber Pump on 50Hz 10E3, 12F1, 13F2, and 14F3				
PUMP MOTORS				
1A1, 1A2 2A3, 2A4 2B1, 3B2 3B3	17	024-14335-000	024-14335-000	---
	28	024-14335-000	024-14335-000	---
	46	024-14335-000	024-14335-000	---
	58	024-14341-000	024-14341-000	---
	50	324-14335-004	324-14335-004	---
4B4, 4C1	17	024-14335-000	024-14335-000	---
	28	024-14335-000	024-14335-000	---
	46	024-14335-000	024-14335-000	---
	58	024-14341-000	024-14341-000	---
	50	324-14336-004	324-14335-004	---
5C2, 5C3	17	024-14336-000	024-14335-000	---
	28	024-14336-000	024-14335-000	---
	46	024-14336-000	024-14335-000	---
	58	024-14342-000	024-14341-000	---
	50	324-14336-004	324-14335-004	---
6C4	17	024-14337-000	024-14336-000	---
	28	024-14337-000	024-14336-000	---
	46	024-14337-000	024-14336-000	---
	58	024-14343-000	024-14342-000	---
	50	324-14337-004	324-14336-004	---

PUMP		SOLUTION ¹	REFRIGERANT	GENERATOR
UNIT SIZE	VOLT CODE	PART NUMBER	PART NUMBER	PART NUMBER
PUMP MOTORS (Cont)				
7D1	17	024-15785-000	024-14336-000	---
	28	024-15785-000	024-14336-000	---
	46	024-15785-000	024-14336-000	---
	58	024-15836-000	024-14342-000	---
	50	324-14337-004	324-14336-004	---
7D2	17	024-14337-000	024-14336-000	---
	28	024-14337-000	024-14336-000	---
	46	024-14337-000	024-14336-000	---
	58	024-14343-000	024-14342-000	---
	50	324-14337-004	324-14336-004	---
8D3	17	024-14440-000	024-14336-000	---
	28	024-14440-000	024-14336-000	---
	46	024-14440-000	024-14336-000	---
	58	024-14578-000	024-14342-000	---
	50	324-14440-004	324-14336-004	---
8E1, 9E2	17	024-14439-000	024-14336-000	---
	28	024-14439-000	024-14336-000	---
	46	024-14439-000	024-14336-000	---
	58	024-14577-000	024-14342-000	---
	50	324-14440-004	324-14337-004	---
10E3	17	024-16035-000	024-14337-000	---
	28	024-16035-000	024-14337-000	---
	46	024-16035-000	024-14337-000	---
	58	024-16036-000	024-14343-000	---
	50	324-14335-004	324-14337-004	324-14336-004
12F1	17	024-16035-000	024-14337-000	---
	28	024-16035-000	024-14337-000	---
	46	024-16035-000	024-14337-000	---
	58	024-16036-000	024-14343-000	---
	50	324-14335-004	324-14440-004	324-14337-004
13F2 14F3	17	024-16035-000	024-14440-000	---
	28	024-16035-000	024-14440-000	---
	46	024-16035-000	024-14440-000	---
	58	024-16036-000	024-14578-000	---
	50	324-14335-004	324-14440-004	324-14440-004

NOTE: 1. Absorber Pump on 50Hz 10E3, 12F1, 13F2, and 14F3

UNIT SIZE	DESCRIPTION	PART NUMBER
TUBES		
For 150 Psig D.W.P Only - See System Data Nameplate on Control Panel for D.W.P. For Pressures Exceeding 150 Psig D.W.P., Contact Service Department. Tubes may be Greater Length. Model Numbers with an "S" Suffix - Refer to the Original Sales Order for Tube Part Numbers.		
1A1	Condenser Tube (Copper) 0.28	007-06256-000
	Generator Tube (Cupro-Nickel) 95/5	007-06272-000
	Evaporator Tube (Copper) .028	007-06264-000
	Absorber Tube (Copper) .028	007-06256-000
	Condenser (Cupro-Nickel) .028 - Optional	007-06281-000
	Absorber (Cupro-Nickel) .028 - Optional	007-06281-000
1A2	Condenser Tube (Copper) 0.28	007-06257-000
	Generator Tube (Cupro-Nickel) 95/5	007-06273-000
	Evaporator Tube (Copper) .028	007-06265-000
	Absorber Tube (Copper) .028	007-06257-000
	Condenser (Cupro-Nickel) .028 - Optional	007-06282-000
	Absorber (Cupro-Nickel) .028 - Optional	007-06282-000

UNIT SIZE	DESCRIPTION	PART NUMBER
TUBES (Cont)		
For 150 Psig D.W.P Only - See System Data Nameplate on Control Panel for D.W.P. For Pressures Exceeding 150 Psig D.W.P., Contact Service Department. Tubes may be Greater Length. Model Numbers with an "S" Suffix - Refer to the Original Sales Order for Tube Part Numbers.		
2A3	Condenser Tube (Copper) 0.28	007-06250-000
	Generator Tube (Cupro-Nickel) 95/5	007-06274-000
	Evaporator Tube (Copper) .028	007-06266-000
	Absorber Tube (Copper) .028	007-06258-000
	Condenser (Cupro-Nickel) .028 - Optional	007-06290-000
	Absorber (Cupro-Nickel) .028 - Optional	007-06283-000
2A4	Condenser Tube (Copper) 0.28	007-06251-000
	Generator Tube (Cupro-Nickel) 95/5	007-06275-000
	Evaporator Tube (Copper) .028	007-06267-000
	Absorber Tube (Copper) .028	007-06259-000
	Condenser (Cupro-Nickel) .028 - Optional	007-06291-000
	Absorber (Cupro-Nickel) .028 - Optional	007-06284-000
2B1	Condenser Tube (Copper) 0.28	007-06258-000
	Generator Tube (Cupro-Nickel) 95/5	007-06274-000
	Evaporator Tube (Copper) .028	007-06266-000
	Absorber Tube (Copper) .028	007-06258-000
	Condenser (Cupro-Nickel) .028 - Optional	007-06283-000
	Absorber (Cupro-Nickel) .028 - Optional	007-06283-000
3B2	Condenser Tube (Copper) 0.28	007-06251-000
	Generator Tube (Cupro-Nickel) 95/5	007-06275-000
	Evaporator Tube (Copper) .028	007-06267-000
	Absorber Tube (Copper) .028	007-06259-000
	Condenser (Cupro-Nickel) .028 - Optional	007-06291-000
	Absorber (Cupro-Nickel) .028 - Optional	007-06284-000
3B3	Condenser Tube (Copper) 0.28	007-06252-000
	Generator Tube (Cupro-Nickel) 95/5	007-06276-000
	Evaporator Tube (Copper) .028	007-06268-000
	Absorber Tube (Copper) .028	007-06260-000
	Condenser (Cupro-Nickel) .028 - Optional	007-06292-000
	Absorber (Cupro-Nickel) .028 - Optional	007-06285-000
4B4	Condenser Tube (Copper) 0.28	007-06253-000
	Generator Tube (Cupro-Nickel) 95/5	007-06275-000
	Evaporator Tube (Copper) .028	007-06269-000
	Absorber Tube (Copper) .028	007-06261-000
	Condenser (Cupro-Nickel) .028 - Optional	007-06293-000
	Absorber (Cupro-Nickel) .028 - Optional	007-06286-000
4C1	Condenser Tube (Copper) 0.28	007-06259-000
	Generator Tube (Cupro-Nickel) 95/5	007-06275-000
	Evaporator Tube (Copper) .028	007-06267-000
	Absorber Tube (Copper) .028	007-06259-000
	Condenser (Cupro-Nickel) .028 - Optional	007-06284-000
	Absorber (Cupro-Nickel) .028 - Optional	007-06284-000
5C2	Condenser Tube (Copper) 0.28	007-06252-000
	Generator Tube (Cupro-Nickel) 95/5	007-06276-000
	Evaporator Tube (Copper) .028	007-06268-000
	Absorber Tube (Copper) .028	007-06260-000
	Condenser (Cupro-Nickel) .028 - Optional	007-06292-000
	Absorber (Cupro-Nickel) .028 - Optional	007-06285-000
5C3	Condenser Tube (Copper) 0.28	007-06253-000
	Generator Tube (Cupro-Nickel) 95/5	007-06277-000
	Evaporator Tube (Copper) .028	007-06269-000
	Absorber Tube (Copper) .028	007-06261-000
	Condenser (Cupro-Nickel) .028 - Optional	007-06293-000
	Absorber (Cupro-Nickel) .028 - Optional	007-06286-000

UNIT SIZE	DESCRIPTION	PART NUMBER
TUBES (Cont)		
For 150 Psig D.W.P Only - See System Data Nameplate on Control Panel for D.W.P. For Pressures Exceeding 150 Psig D.W.P., Contact Service Department. Tubes may be Greater Length. Model Numbers with an "S" Suffix - Refer to the Original Sales Order for Tube Part Numbers.		
6C4	Condenser Tube (Copper) 0.28	007-06244-000
	Generator Tube (Cupro-Nickel) 95/5	007-06245-000
	Evaporator Tube (Copper) .028	007-06247-000
	Absorber Tube (Copper) .028	007-06246-000
	Condenser (Cupro-Nickel) .028 - Optional	007-06294-000
	Absorber (Cupro-Nickel) .028 - Optional	007-06287-000
7D1	Condenser Tube (Copper) 0.28	007-06252-000
	Generator Tube (Cupro-Nickel) 95/5	007-06276-000
	Evaporator Tube (Copper) .028	007-06268-000
	Absorber Tube (Copper) .028	007-06260-000
	Condenser (Cupro-Nickel) .028 - Optional	007-06292-000
	Absorber (Cupro-Nickel) .028 - Optional	007-06285-000
7D2	Condenser Tube (Copper) 0.28	007-06253-000
	Generator Tube (Cupro-Nickel) 95/5	007-06277-000
	Evaporator Tube (Copper) .028	007-06269-000
	Absorber Tube (Copper) .028	007-06261-000
	Condenser (Cupro-Nickel) .028 - Optional	007-06293-000
	Absorber (Cupro-Nickel) .028 - Optional	007-06286-000
8D3	Condenser Tube (Copper) 0.28	007-06244-000
	Generator Tube (Cupro-Nickel) 95/5	007-06245-000
	Evaporator Tube (Copper) .028	007-06247-000
	Absorber Tube (Copper) .028	007-06246-000
	Condenser (Cupro-Nickel) .028 - Optional	007-06294-000
	Absorber (Cupro-Nickel) .028 - Optional	007-06287-000
8E1	Condenser Tube (Copper) 0.28	007-06253-000
	Generator Tube (Cupro-Nickel) 95/5	007-06277-000
	Evaporator Tube (Copper) .028	007-06269-000
	Absorber Tube (Copper) .028	007-06261-000
	Condenser (Cupro-Nickel) .028 - Optional	007-06293-000
	Absorber (Cupro-Nickel) .028 - Optional	007-06286-000
9E2	Condenser Tube (Copper) 0.28	007-06244-000
	Generator Tube (Cupro-Nickel) 95/5	007-06245-000
	Evaporator Tube (Copper) .028	007-06247-000
	Absorber Tube (Copper) .028	007-06246-000
	Condenser (Cupro-Nickel) .028 - Optional	007-06294-000
	Absorber (Cupro-Nickel) .028 - Optional	007-06287-000
10E3	Condenser Tube (Copper) 0.28	007-06254-000
	Generator Tube (Cupro-Nickel) 95/5	007-06278-000
	Evaporator Tube (Copper) .028	007-06270-000
	Absorber Tube (Copper) .028	007-06262-000
	Condenser (Cupro-Nickel) .028 - Optional	007-06295-000
	Absorber (Cupro-Nickel) .028 - Optional	007-06288-000
12F1	Condenser Tube (Copper) 0.28	007-06244-000
	Generator Tube (Cupro-Nickel) 95/5	007-06245-000
	Evaporator Tube (Copper) .028	007-06247-000
	Absorber Tube (Copper) .028	007-06246-000
	Condenser (Cupro-Nickel) .028 - Optional	007-06294-000
	Absorber (Cupro-Nickel) .028 - Optional	007-06287-000
13F2	Condenser Tube (Copper) 0.28	007-06254-000
	Generator Tube (Cupro-Nickel) 95/5	007-06278-000
	Evaporator Tube (Copper) .028	007-06270-000
	Absorber Tube (Copper) .028	007-06262-000
	Condenser (Cupro-Nickel) .028 - Optional	007-06295-000
	Absorber (Cupro-Nickel) .028 - Optional	007-06288-000
14F3	Condenser Tube (Copper) 0.28	007-06255-000
	Generator Tube (Cupro-Nickel) 95/5	007-06375-000
	Evaporator Tube (Copper) .028	007-06271-000
	Absorber Tube (Copper) .028	007-06263-000
	Condenser (Cupro-Nickel) .028 - Optional	007-06296-000
	Absorber (Cupro-Nickel) .028 - Optional	007-06289-000

MISCELLANEOUS COMPONENTS (NOT SHOWN)

ITEM NO.	DESCRIPTION		UNIT SIZE	PART NUMBER
WATER, STEAM & HOT WATER BOX GASKETS				
137	GASKET, CONDENSER		1A1 - 2A4 2B1 - 4B4 4C1 - 6C4 7D1 - 8D3 8E1 -10E3 12F1-14F3	066-10522-001 066-10522-002 066-10522-003 066-10522-004 066-10549-001 066-10549-004
138	GASKET, GENERATOR, STANDARD		1A1 - 2A4 3B1 - 4B4 4C1 - 6C4 7D1 - 8D3 8E1 -10E3 12F1-14F3	066-10516-001 066-10516-002 066-10516-003 066-10516-004 066-10548-001 066-10548-002
139	GASKET, GENERATOR, TUV CODE		1A1 - 2A4 2B1 - 4B4 4C1 - 6C4 7D1 - 8D3 8E1 -10E3 12F1-14F3	066-11314-001 066-11314-002 066-11314-003 066-11314-004 066-11314-005 066-11314-006
140	GASKET, EVAPORATOR		1A1 - 2A4 2B1 - 4B4 4C1 - 6C4 7D1 - 8D3 8E1 -10E3 12F1-14F3	066-10522-005 066-10522-006 066-10522-007 066-10522-008 066-10522-008 066-10549-005
141	GASKET, ABSORBER		1A1 - 2A4 2B1 - 4B4 4C1 - 6C4 7D1 - 8D3 8E1 -10E3 12F1-14F3	066-10522-009 066-10522-010 066-10522-011 066-10522-012 066-10549-003 066-10549-006
142	PASS BAFFLE - CHANNEL GASKET MATERIAL (SPECIFY FEET REQUIRED)		ALL	028-08547-000
ITEM NO.	QTY REQD	DESCRIPTION	UNIT SIZE	PART NUMBER
REPLACEMENT PASS BAFFLES				
143	-	CONDENSER (ALWAYS ONE PASS)	ALL	NONE REQUIRED
144	-	GENERATOR - STEAM AND HOT WATER (ONE PASS)	ALL	NONE REQUIRED
145	1 1 1 1 1 1	GENERATOR - HOT WATER (TWO PASS)	1A1 - 2A4 2B1 - 4B4 4C1 - 6C4 7D1 - 8D3 8E1 -10E3 12F1-14F3	366-29147-000 366-29096-000 366-29007-000 366-28972-000 366-27770-000 366-28401-000
146	-	EVAPORATOR (ONE PASS)	ALL	NONE REQUIRED
147	1 1 1 1 1 1	EVAPORATOR (TWO PASS)	1A1 - 2A4 2B1 - 4B4 4C1 - 6C4 7D1 - 8D3 8E1 -10E3 12F1-14F3	366-29149-000 366-29097-000 366-29009-000 366-28974-000 366-27795-000 366-30132-000
148	2 2 2 2 2 2	EVAPORATOR (THREE PASS)	1A1 - 2A4 2B1 - 4B4 4C1 - 6C4 7D1 - 8D3 8E1 -10E3 12F1-14F3	366-32127-000 366-29097-000 366-32129-000 366-28974-000 366-28326-000 366-30132-000

ITEM NO.	QTY REQD	DESCRIPTION	UNIT SIZE	PART NUMBER
REPLACEMENT PASS BAFFLES (Cont)				
149	3 3 1 2 3 1 2	EVAPORATOR (FOUR PASS)	1A1 - 2A4 2B1 - 4B4 4C1 - 6C4 7D1 - 7D2 8E1 - 9E2	366-29149-000 366-29097-000 366-29009-000 366-32129-000 366-28974-000 366-27795-000 366-28326-000
150	-	ABSORBER (ONE PASS)	ALL	NONE REQUIRED
151	1 1 1 1 1 1	ABSORBER (TWO PASS)	2A3 - 2A4 2B1 - 4B4 4C1 - 6C4 7D1 - 8D3 8E1 - 10E3 12F1-14F3	366-29148-000 366-29098-000 366-29010-000 366-28975-000 366-27805-000 366-30269-000
152	2 2 2 2	ABSORBER (THREE PASS)	1A1 - 2A4 2B1 - 3B3 4C1 - 5C2 7D1	366-29148-000 366-29098-000 366-29010-000 366-28975-000
153	3 3 3 3	ABSORBER (THREE PASS)	1A1 - 2A4 2B1 - 3B3 4C1 - 5C2 7D1	366-29148-000 366-29098-000 366-29010-000 366-28975-000
PUMP ISOLATION KITS, STOPPER ASSEMBLIES AND GASKETS				
154		REFRIGERANT PUMP ISOLATION KIT		SEE TABLE 4
155		SOLUTION PUMP ISOLATION KIT		SEE TABLE 5
156		GENERATOR PUMP ISOLATION KIT		SEE TABLE 6
157		ABSORBER PUMP ISOLATION KIT		SEE TABLE 7
158		INFLATABLE PIPE STOPPER ASSEMBLY - 2"		SEE TABLE 8
159		INFLATABLE PIPE STOPPER ASSEMBLY - 2-1/2"		
160		INFLATABLE PIPE STOPPER ASSEMBLY - 3"		
161		INFLATABLE PIPE STOPPER ASSEMBLY - 3-1/2"		
162		INFLATABLE PIPE STOPPER ASSEMBLY - 4"		
163		INFLATABLE PIPE STOPPER ASSEMBLY - 6"		
164		GASKETS FOR PUMP ISOLATION KITS		
165		TUBING FOR PUMP ISOLATION KITS		
166		AIR PUMP FOR PUMP ISOLATION KITS		
MISCELLANEOUS				
167		THERMOMETER KIT "A"	ALL	366-34332-000
168		THERMOMETER KIT "B"	ALL	366-34333-000
169		THERMOMETER WELL (STANDARD DESIGN, WELD-ON) (TRIM LENGTH TO SUIT PIPE SIZE)	1A1 - 10E3 12F1-14F3	067-81246-000 067-18304-000
170		LITHIUM BROMIDE TEST KIT	ALL	026-18304-000
171		SIGHT PLUG (1-1/2 NPT)	ALL	026-18931-000
172		SIGHT GLASS (4")	ALL	026-09608-000
173		GASKET (FOR 4" SIGHT GLASS)	ALL	070-16406-000
174		GASKET (FOR COND. PAN DRAIN CONN. FLANGE)	12F1-14F3	067-70963-000
175		EVAPORATOR ACCESS COVER (R.H.)	1A1 - 2A4 2B1 - 4B4 4C1 - 6C4 7D1 - 8D3 8E1-10E3 12F1-14F3	066-25034-000 066-46527-000 066-46533-000 066-46539-000 066-28453-000 066-30794-000
176		EVAPORATOR ACCESS COVER (L.H.)	1A1 - 2A4 2B1 - 4B4 4C1 - 6C4 7D1 - 8D3 8E1 - 10E3 12F1-14F3	066-25813-000 066-25188-000 066-55736-001 066-42752-000 066-28454-000 066-30687-000
177		ABSORBER ACCESS COVER (R.H.)	1A1 - 2A4 2B1 - 4B4 4C1 - 6C4	066-64837-002 067-55736-002 066-21437-000

ITEM NO.	DESCRIPTION	UNIT SIZE	PART NUMBER
MISCELLANEOUS (Cont)			
178	ABSORBER ACCESS COVER (L.H.)	1A1 - 2A4 2B1 - 4B4 4C1 - 6C4 7D1 - 8D3 8E1 -10E3 12F1-14F3	066-23558-000 066-25614-000 066-46585-000 066-31860-000 066-32250-000 066-32254-000
179	EVAPORATOR SPRAY NOZZLE	1A1 - 2A4 2B1 -14F3	023-08842-000 023-10209-000
180	ABSORBER SPRAY NOZZLE	1A1 - 2A4 2B1 - 6C4 7D1 -14F3	023-09732-000 023-10209-000 366-25831-000
181	ISOLATION PADS (INCLUDES 4 PADS)	1A1 - 2A4 2B1 - 4B4 4C1 - 6C4 7D1 - 8D3 8E1 -10E3 12F1-14F3	366-29813-000 367-67606-000 367-67607-000 367-67608-000 367-78184-000 366-06736-000
182	LITHIUM BROMIDE SOLUTION (30 GALLON DRUM)	ALL	044-01268-000
183	LITHIUM BROMIDE SOLUTION (10 GALLON DRUM)	ALL	044-01745-000
184	LITHIUM CHROMATE INHIBITOR	ALL	044-01651-000
185	ALCOHOL (2 ETHYL-1-HEXANOL) 3 KG	ALL	044-02294-000
NOTE: ITEMS 182 THROUGH 185: SEE SERVICE INSTRUCTIONS FOR QUANTITY REQD			
186	PRODUCT DRAWING - STEAM	ALL	155.16-PA1.1
187	PRODUCT DRAWING - HOT WATER	ALL	155.16-PA1.2
188	YIA - INSTALLATION INSTRUCTION ENVELOPE	ALL	
189	INSTALLATION INSTRUCTION: ABSOLUTE PRESSURE GAGE	ALL	
190	INSTALLATION INSTRUCTION: FLOW CONTROL SWITCH	ALL	
191	INSTALLATION INSTRUCTION: STEAM CONTROL VALVE	ALL	SEE TABLE 4
192	INSTALLATION INSTRUCTION: HOT WATER CONTROL VALVE	ALL	
193	FIELD ASSEMBLY INSTRUCTIONS: TWO PIECE SHIPMENT	12F1-14F3	
194	HEAT CONDUCTIVE COMPOUND (4 OZ) (USE WITH SENSORS AS REQUIRED)	ALL	013-00898-000
195	CEMENT, GASKET (PUMPS AND WATER BOXES	ALL	013-00995-000
196	SEALANT, LOCKTITE (FOR ALL TUBES EXCEPT GENERATOR TUBES)	ALL	013-01046-000
197	SEALER, TEFLON (FOR SIGHT PLUGS AND PIPE PLUGS)	ALL	013-02023-000

TABLE 1 – PUMP AND MOTOR SIZES

SOLUTION Pump Size	1A1	1A2	2A3	2A4	2B1	3B2	3B3	4B4	4C1	5C2	5C3	6C4	7D1	7D2	8D3	8E1	9E2	10E3	12F1	13F2	14F3
208-230/460-3-60	1a	1a	1a	1a	1a	1a	1a	1a	1a	1b	2b	2c	2c	3b	3c	5b	5b	5c	5c	5c	5c
575-3-60	1a	1a	1a	1a	1a	1a	1a	1a	1a	1b	2b	2c	2c	3b	3c	5b	5b	5c	5c	5c	5c
																	Absorber				
380-3-50	1a	1a	1a	1a	1a	1a	2a	2b	2b	2b	2b	3b	3b	4b	4c	4c	4c	1a	1a	1a	1a
																		Generator			
																		2b	3b	3c	3c
REFRIGERANT Pump Size																					
208-230/460-3-60	1a	1a	1a	1a	1a	1a	1a	1a	1a	1a	1a	1b	1b	1b	2b	2b	2b	3b	3b	3c	3c
575-3-60	1a	1a	1a	1a	1a	1a	1a	1a	1a	1a	1a	1b	1b	1b	2b	2b	2b	3b	3b	3c	3c
380-3-50	1a	1a	1a	1a	2a	2a	2a	2a	2a	2a	2a	2b	2b	2b	2b	3b	4b	4b	4c	4c	4c

PUMP GASKETS (See Items 107 thru 129)		
2 x 4 Pumps	Suction	070-12519
2 x 4 Pumps	Discharge	067-53559
3 x 6 Pumps	Suction	067-58740
3 x 6 Pumps	Discharge	067-53560
4 x 6 Pumps	Suction	067-58740
4 x 6 Pumps	Discharge	070-12519

No.	Pump Size	Motor
1	2 x 4 x 7-1/2	4 Pole
2	2 x 4 x 9	4 Pole
3	3 x 6 x 11	6 Pole
4	3 x 6 x 12-1/2	6 Pole
5	4 x 6 x 9	6 Pole

MOTOR HORSEPOWER			
H.P.	3	5	7.5
Letter	a	b	c

Example 3b = 3 x 6 x 11 Pump
5 HP Motor (6 Pole)

TABLE 2 – HOT WATER CONTROL VALVES (GLOBE, 3-WAY)

VALVE SIZE IN.	VALVE, COMPLETE (HONEYWELL)		ACTUATOR ONLY	INSTALLATION INSTRUCTION
	125 PSIG	300 PSIG		
1	022-09155-000	022-09156-000	CONTACT FACTORY	366-52161-000
1-1/4	022-09157-000	022-09158-000	" "	366-52161-000
1-1/2	022-09159-000	022-09160-000	" "	366-52161-000
2	022-09161-000	022-09162-000	" "	366-52161-000
2-1/2	022-09163-000	022-09164-000	" "	366-52161-000
3	022-09165-000	022-09166-000	" "	366-52161-000
4	022-09167-000	022-09168-000	" "	366-52161-000
6	022-09169-000	022-09170-000	" "	366-52161-000
8	022-09171-000	022-09173-000	" "	366-52161-000

TABLE 3 – STEAM CONTROL VALVES

VALVE SIZE IN.	VALVE, COMPLETE (HONEYWELL)		ACTUATOR ONLY	INSTALLATION INSTRUCTION
	CAGE TYPE	BUTTERFLY TYPE		
3	022-09130-000		CONTACT FACTORY	366-52157-000
4	022-09131-000		" "	366-52157-000
5	022-09132-000		" "	366-52157-000
6	022-09133-000		" "	366-52157-000
4		022-09134-000	" "	366-52157-000
6		022-09135-000	" "	366-52157-000
8		022-09136-000	" "	366-52157-000

PUMP ISOLATION KITS

TABLE 4 – REFRIGERANT PUMP

UNIT SIZE	50 HERTZ	60 HERTZ
1A1	366-53819-000	366-53819-000
1A2	366-53819-000	366-53819-000
2A3	366-53819-000	366-53819-000
2A4	366-53819-000	366-53819-000
2B1	366-53819-000	366-53819-000
3B2	366-53819-000	366-53819-000
3B3	366-53819-000	366-53819-000
4B4	366-53819-000	366-53819-000
4C1	366-53819-000	366-53819-000
5C2	366-53819-000	366-53819-000
5C3	366-53819-000	366-53819-000
6C4	366-53819-000	366-53819-000
7D1	366-53819-000	366-53819-000
7D2	366-53819-000	366-53819-000
8D3	366-53819-000	366-53819-000
8E1	366-53820-000	366-53819-000
9E2	366-53820-000	366-53819-000
10E3	366-53820-000	366-53820-000
12F1	366-53820-000	366-53820-000
13F2	366-53820-000	366-53820-000
14F3	366-53820-000	366-53820-000

TABLE 5 – SOLUTION PUMP

UNIT SIZE	50 HERTZ	60 HERTZ
1A1	366-53809-000	366-53809-000
1A2	366-53809-000	366-53809-000
2A3	366-53809-000	366-53809-000
2A4	366-53809-000	366-53809-000
2B1	366-53810-000	366-53810-000
3B2	366-53810-000	366-53810-000
3B3	366-53810-000	366-53810-000
4B4	366-53810-000	366-53810-000
4C1	366-53810-000	366-53810-000
5C2	366-53810-000	366-53810-000
5C3	366-53810-000	366-53810-000
6C4	366-53814-000	366-53814-000
7D1	366-53814-000	366-53810-000
7D2	366-53814-000	366-53814-000
8D3	366-53814-000	366-53814-000
8E1	366-53815-000	366-53817-000
9E2	366-53815-000	366-53817-000
10E3	---	366-53817-000
12F1	---	366-53818-000
13F2	---	366-53818-000
14F3	---	366-53818-000

TABLE 6 – GENERATOR PUMP

UNIT SIZE	50 HERTZ	
10E3	366-53812-000	
12F1	366-53816-000	
13F2	366-53816-000	
14F3	366-53816-000	

TABLE 7 – ABSORBER PUMP

UNIT SIZE	50 HERTZ	
10E3	366-53811-000	
12F1	366-53813-000	
13F2	366-53813-000	
14F3	366-53813-000	

TABLE 8 – CONTENTS OF PUMP ISOLATION KITS

COMPONENT PARTS	PART NO.	PUMP ISOLATION KITS (Quantity Required Per Kit)											
		366-53809	366-53810	366-53811	366-53812	366-53813	366-53814	366-53815	366-53816	366-53817	366-53818	366-53819	366-53820
Stopper Assm'y., 2"	366-49819	2	1	-	-	-	-	-	-	-	-	-	-
Stopper Assm'y., 2-1/2"	366-49820	-	-	1	-	-	-	1	-	1	-	-	-
Stopper Assm'y., 3"	366-49821	-	-	-	1	-	1	1	-	1	-	-	-
Stopper Assm'y., 3-1/2"	366-53570	-	-	-	-	1	-	-	1	-	-	-	-
Stopper Assm'y., 4"	366-49822	1	1	1	1	1	-	-	-	-	1	1	-
Stopper Assm'y., 6"	366-49822	-	-	-	-	-	1	1	1	1	1	-	1
Gasket, 1/8 x 6 x 6	067-53559	1	1	1	1	1	-	-	-	-	-	1	-
Gasket, 1/8 x 9 x 9	070-12519	1	1	1	1	1	-	-	-	-	-	1	-
Gasket, 1/8 x 3 x 3	067-63255	1	1	1	1	1	1	1	1	1	1	1	1
Gasket, 1/8 x 4-1/4 x 4-1/4	067-45545	1	1	1	1	1	1	1	1	1	1	1	1
Gasket, 1/8 x 7-1/2 x 7-1/2	067-53560	-	-	-	-	-	1	1	1	1	1	-	1
Gasket, 1/8 x 11 x 11	067-58740	-	-	-	-	-	1	1	1	1	1	-	1
Cu. Tubing, 3/8 x .03 x 32	063-47667	1	1	1	1	1	1	1	1	1	1	1	1
Plastic Tubing, 3/8 x 1/2 x 48	066-53915	1	-	-	-	-	-	-	-	-	-	-	-
Plastic Tubing, 3/8 x 1/2 x 48	066-53916	-	1	1	1	-	1	1	-	1	-	1	-
Plastic Tubing, 3/8 x 1/2 x 48	066-53917	-	-	-	-	1	-	-	1	-	1	-	1
Air Pump	026-19316	1	1	1	1	1	1	1	1	1	1	1	1

TABLE 9 – CONTENTS OF KITS

ITEM NO.	DESCRIPTION	ITEM NO.	DESCRIPTION
7	FLOAT LEVEL SWITCH CONTACT ELEMENT FOR ITEMS 5 & 6 (1F,2F)	66	REPLACEMENT DIAPHRAGM FOR 1/2" VALVE, ITEM 65
	1 - CONTACT ELEMENT WITH LEADS 1 - STRAIN RELIEF CONNECTOR	68	REPLACEMENT DIAPHRAGM FOR 3/4" VALVE, ITEM 67
22 & 38	REPLACEMENT SOLENOID COIL FOR ITEMS 21 & 37	74	VACUUM PUMP SPARE PARTS KIT FOR ITEM 72
23	SOLENOID VALVE SPARE PARTS KIT FOR ITEM 21 (1SOL)	75	CONTACT FACTORY FOR KIT CONTENTS
	1 - CORE SPRING ASSEMBLY 1 - BODY GASKET		VACUUM PUMP SPARE PARTS KIT FOR ITEM 73
26	REPLACEMENT SOLENOID COIL FOR ITEM 24 (2SOL)	95	CONTACT FACTORY FOR KIT CONTENTS
27	REPLACEMENT SOLENOID COIL FOR ITEM 25 (2SOL)		INTERNAL THERMOSTAT KIT FOR ALL PUMP MOTORS
32	REPLACEMENT SOLENOID COIL FOR ITEM 30 (3SOL)	167	1 - 194°F THERMOSTAT - POTTING COMPOUND
33	REPLACEMENT SOLENOID COIL FOR ITEM 31 (3SOL)		THERMOMETER KIT "A" (OPTIONAL)
34	SPARE PARTS KIT FOR ITEM 30 (3SOL)		4 - MERCURY THERMOMETERS (-30 TO 120°F)
35	SPARE PARTS KIT FOR ITEM 31 (3SOL)		4 - MERCURY THERMOMETERS (-4 TO 220°F)
39	SOLENOID VALVE SPARE PARTS KIT FOR ITEM 37 (5SOL)	168	1 - PRINT, INSTALLATION INSTRUCTION
	1 - CORE SPRING ASSEMBLY 1 - BODY GASKET		THERMOMETER KIT "B" (OPTIONAL)
62	REPLACEMENT STEAM VALVE ACTUATOR FOR ITEM 61		5 - DIAL THERMOMETERS (30 TO 130°F)
			3 - SEPARABLE SOCKETS, 3/4"
			2 - SEPARABLE SOCKETS, 3/4" (2" EXTENSION)
			1 - PRINT, INSTALLATION INSTRUCTION



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