



ABSORPTION LIQUID CHILLING UNITS STEAM AND HOT WATER

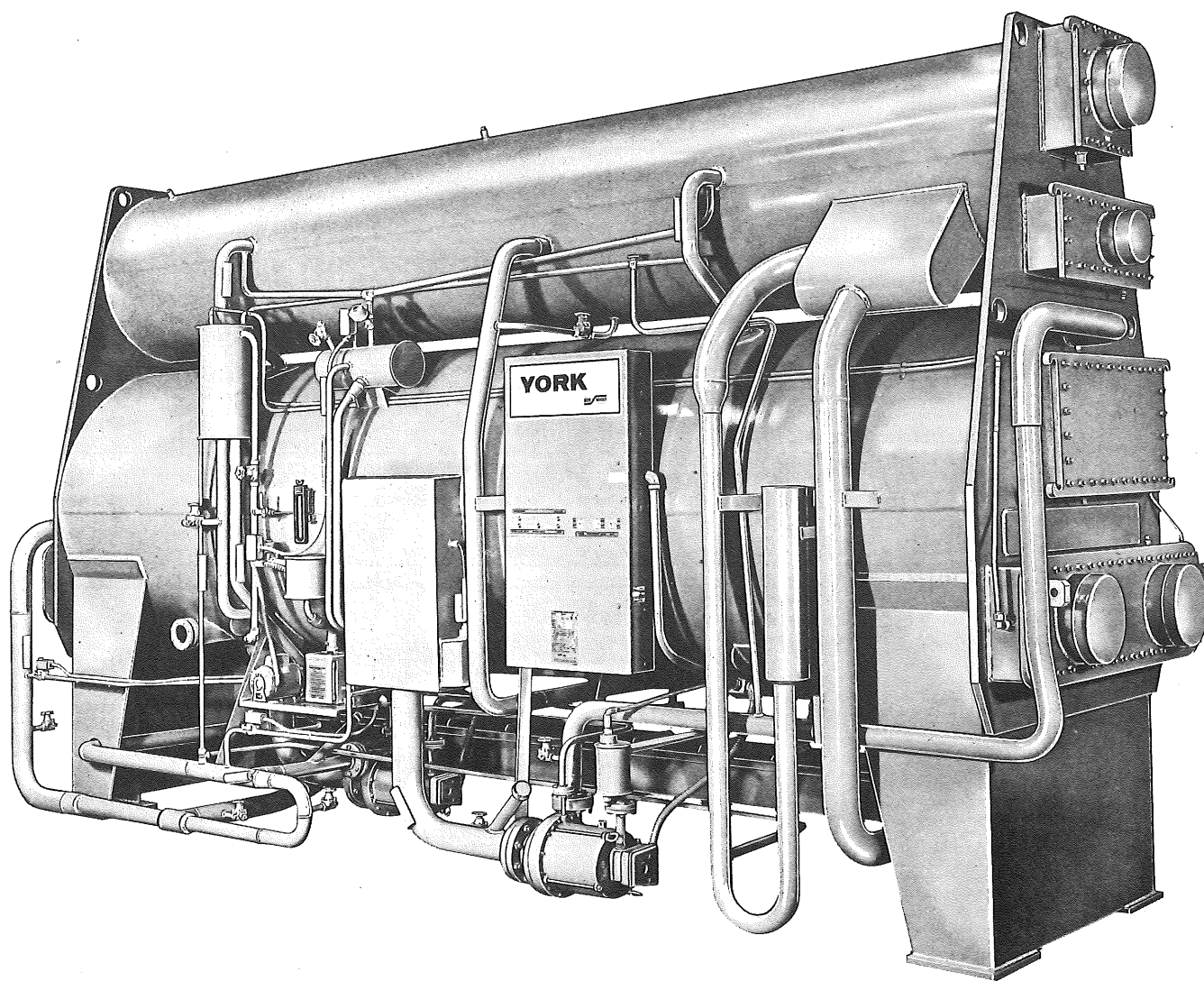
RENEWAL PARTS

Supersedes: Nothing

473

Form 155.16-RP

MODELS ES 1A1A THRU ES 14F3A



No.	Sym.	Part Description	ES1A1	ES1A2	ES2A3	ES2A4	ES2B1	ES3B2	ES3B3	ES4B4
Tubes †										
(For Std. 150 # D.W.P. Only) — See System Data Nameplate on Control Panel for D.W.P. — For Pressures Exceeding 150 # D.W.P. Contact Service Dept., as Tubes may be longer in Length.										
1		Condenser (Copper) .028	007-06256	007-06257	007-06250	007-06251	007-06258	007-06251	007-06252	007-06253
2		Generator (Cupro-Nickel) 95/5	007-06272	007-06273	007-06274	007-06275	007-06274	007-06275	007-06276	007-06275
3		Evaporator (Copper) .028	007-06264	007-06265	007-06266	007-06267	007-06266	007-06267	007-06268	007-06269
4		Absorber (Copper) .028	007-06256	007-06257	007-06258	007-06259	007-06258	007-06259	007-06260	007-06261
5		Condenser (Cupro-Nickel) .028 — Optional	007-06281	007-06282	007-06283	007-06284	007-06283	007-06284	007-06285	007-06286
6		Absorber (Cupro-Nickel) .028 — Optional	007-06281	007-06282	007-06283	007-06284	007-06283	007-06284	007-06285	007-06286

IMPELLERS & HOUSINGS (FOR RECIRCULATING PUMPS)										
Refr. Pump Impel.										
7		208-230/460-3-60	029-10355-002	029-10355-002	029-10355-002	029-10355-002	029-10355-003	029-10355-003	029-10355-007	029-10355-004
8		575-3-60	029-10355-002	029-10355-002	029-10355-002	029-10355-002	029-10355-003	029-10355-003	029-10355-007	029-10355-004
9		190/380-3-50	029-10355-005	029-10355-005	029-10355-005	029-10355-005	029-10886-010	029-10886-001	029-10886-001	029-10886-001
10		208/416-3-50	029-10355-005	029-10355-005	029-10355-005	029-10355-005	029-10886-010	029-10886-001	029-10886-001	029-10886-001
11		220/440-3-50	029-10355-005	029-10355-005	029-10355-005	029-10355-005	029-10886-010	029-10886-001	029-10886-001	029-10886-001
Soln. Pump Impel. (ESA, ESC, ESE, ESG)										
12		208-230/460-3-60	029-10355-001	029-10355-001	029-10355-001	029-10355-002	029-10355-001	029-10355-002	029-10355-003	029-10355-004
13		575-3-60	029-10355-001	029-10355-001	029-10355-001	029-10355-002	029-10355-001	029-10355-002	029-10355-003	029-10355-004
14		190/380-3-50	029-10355-004	029-10355-004	029-10355-004	029-10355-005	029-10355-004	029-10355-005	029-10886-007	029-10886-004
15		208/416-3-50	029-10355-004	029-10355-004	029-10355-004	029-10355-005	029-10355-004	029-10355-005	029-10886-007	029-10886-004
16		220/440-3-50	029-10355-004	029-10355-004	029-10355-004	029-10355-005	029-10355-004	029-10355-005	029-10886-007	029-10886-004
Soln. Pump Impel. (ESB, ESD, ESF, ESH)										
17		208-230/460-3-60	029-10355-001	029-10355-001	029-10355-002	029-10355-003	029-10355-002	029-10355-003	029-10355-006	029-10355-005
18		575-3-60	029-10355-001	029-10355-001	029-10355-002	029-10355-003	029-10355-002	029-10355-003	029-10355-006	029-10355-005
19		190/380-3-50	029-10355-004	029-10355-004	029-10355-005	029-10886-007	029-10355-005	029-10886-007	029-10886-002	029-10886-009
20		208/416-3-50	029-10355-004	029-10355-004	029-10355-005	029-10886-007	029-10355-005	029-10886-007	029-10886-002	029-10886-009
21		220/440-3-50	029-10355-004	029-10355-004	029-10355-005	029-10886-007	029-10355-005	029-10886-007	029-10886-002	029-10886-009
Refr. Pump Housing										
22		208-230/460-3-60	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768
23		575-3-60	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768
24		190/380-3-50	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768
25		208/416-3-50	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768
26		220/440-3-50	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768
Soln. Pump Housing (ESA, ESC, ESE, ESG)										
27		208-230/460-3-60	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768
28		575-3-60	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768
29		190/380-3-50	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768
30		208/416-3-50	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768
31		220/440-3-50	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768
Soln. Pump Housing (ESB, ESD, ESF, ESH)										
32		208-230/460-3-60	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768
33		575-3-60	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768
34		190/380-3-50	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768
35		208/416-3-50	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768
36		220/440-3-50	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768	066-21768

MOTORS (FOR RECIRCULATING PUMPS)										
Note See Reference Data for H.P. and R.P.M. (See Table No. 1 and 2)										
Note Order Replacement Shaft Seal at Same Time as Ordering Replacement Motor (See Table No. 2)										
4MTR Solution Pump (ESB, ESD, ESF, ESH)										
37		208-230/460-3-60	024-14335	024-14335	024-14335	024-14335	024-14335	024-14335	024-14336	024-14336
38		575-3-60	024-14341	024-14341	024-14341	024-14341	024-14341	024-14341	024-14342	024-14342
39		190/380-3-50	324-14335-004	324-14335-004	324-14335-004	324-14335-004	324-14335-004	324-14335-004	324-14336-004	324-14336-004
40		208/416-3-50	324-14335-005	324-14335-005	324-14335-005	324-14335-005	324-14335-005	324-14335-005	324-14336-005	324-14336-005
41		220/440-3-50	324-14335-006	324-14335-006	324-14335-006	324-14335-006	324-14335-006	324-14335-006	324-14336-006	324-14336-006
4MTR Solution Pump (ESA, ESC, ESE, ESG)										
42		208-230/460-3-60	024-17064	024-17064	024-17064	024-17064	024-14335	024-14335	024-14335	024-14335
43		575-3-60	024-14341	024-14341	024-14341	024-14341	024-14341	024-14341	024-14341	024-14341
44		190/380-3-50	324-14335-004	324-14335-004	324-14335-004	324-14335-004	324-14335-004	324-14335-004	324-14336-004	324-14336-004
45		208/416-3-50	324-14335-005	324-14335-005	324-14335-005	324-14335-005	324-14335-005	324-14335-005	324-14336-005	324-14336-005
46		220/440-3-50	324-14335-006	324-14335-006	324-14335-006	324-14335-006	324-14335-006	324-14335-006	324-14336-006	324-14336-006
5MTR Refrigerant Pump										
47		208-230/460-3-60	024-17064	024-17064	024-17064	024-17064	024-14335	024-14335	024-14335	024-14335
48		575-3-60	024-14341	024-14341	024-14341	024-14341	024-14341	024-14341	024-14341	024-14341
49		190/380-3-50	324-14335-004	324-14335-004	324-14335-004	324-14335-004	324-14335-004	324-14335-004	324-14336-004	324-14336-004
50		208/416-3-50	324-14335-005	324-14335-005	324-14335-005	324-14335-005	324-14335-005	324-14335-005	324-14336-005	324-14336-005
51		220/440-3-50	324-14335-006	324-14335-006	324-14335-006	324-14335-006	324-14335-006	324-14335-006	324-14336-006	324-14336-006

PUMP AND MOTOR ACCESSORIES										
4MTR Solution Pump { Shaft Seal 1-1/8" Shaft										
52		Refrigerant Pump	029-10763	029-10763	029-10763	029-10763	029-10763	029-10763	029-10763	029-10763
53		4 Pole Motor (2x4 Pump)	029-10763	029-10763	029-10763	029-10763	029-10763	029-10763	029-10763	029-10763
54		Solution Pump { Shaft Seal 1-1/4" Shaft	—	—	—	—	—	—	—	—
55		Refrigerant Pump	—	—	—	—	—	—	—	—
56		6 Pole Motor (3x6 & 4x6 Pump)	025-14534	025-14534	025-14534	025-14534	025-14534	025-14534	025-14534	025-14534
57		Solution Pump Internal Thermostat Kit	025-14534	025-14534	025-14534	025-14534	025-14534	025-14534	025-14534	025-14534
58		Refrigerant Pump For Motor	025-14534	025-14534	025-14534	025-14534	025-14534	025-14534	025-14534	025-14534
59		Solution Pump Packing Ring For Franklin Motor	028-07406	028-07406	028-07406	028-07406	028-07406	028-07406	028-07406	028-07406
60		Refrigerant Pump (2x4 and 4x6 Pump) Motor	028-07406	028-07406	028-07406	028-07406	028-07406	028-07406	028-07406	028-07406
61		Solution Pump Packing Ring For Franklin Motor	—	—	—	—	—	—	—	—
61		Refrigerant Pump (3x6 Pump) Motor	—	—	—	—	—	—	—	—

*Franklin Motor
**Franklin & Peerless
†Model Numbers with an "S" Suffix — Refer to the Original Sales Order for Tube Part Numbers.

ES4C1	ES5C2	ES5C3	ES6C4	ES7D1	ES7D2	ES8D3	ES8E1	ES9E2	ES10E3	ES12F1	ES13F2	ES14F3
007-06259	007-06252	007-06253	007-06244	007-06252	007-06253	007-06244	007-06253	007-06244	007-06254	007-06244	007-06254	007-06255
007-06275	007-06276	007-06277	007-06245	007-06276	007-06277	007-06245	007-06277	007-06245	007-06278	007-06245	007-06278	007-06375
007-06267	007-06268	007-06269	007-06247	007-06268	007-06269	007-06247	007-06269	007-06247	007-06270	007-06247	007-06270	007-06271
007-06259	007-06260	007-06261	007-06246	007-06260	007-06261	007-06246	007-06261	007-06246	007-06262	007-06246	007-06262	007-06263
007-06284	007-06292	007-06293	007-06294	007-06292	007-06293	007-06294	007-06293	007-06294	007-06295	007-06294	007-06295	007-06296
007-06284	007-06285	007-06286	007-06287	007-06285	007-06286	007-06287	007-06286	007-06287	007-06288	007-06287	007-06288	007-06289

No.	Sym.	Part Description	Part Number	Unit Size
PUMP AND MOTOR ACCESSORIES (Cont)				
62		Packing Ring — Internal (All Motors)	028-07640	ES 1A1—ES 14F3
63		Gasket, Solution Pump (2x4 Suc.)	070-12519	ES 1A1—ES 7D1, ES 10E3—ES 14F3
64		Gasket, Refrigerant Pump (2x4 Suc.)	070-12519	ES 1A1—ES 9E2
65		Gasket, Solution Pump (2x4 Dis.)	067-53559	ES 1A1—ES 7D1, ES 10E3—ES 14F3
66		Gasket, Refrigerant Pump (2x4 Dis.)	067-53559	ES 1A1—ES 9E2
67		Gasket, Solution Pump (3x6 Suc.)	067-58740	ES 5C3—ES 14F3
68		Gasket, Refrigerant Pump (3x6 Suc.)	067-58740	ES 8E1—ES 14F3
69		Gasket, Solution Pump (3x6 Suc.)	067-53560	ES 5C3—ES 14F3
70		Gasket, Refrigerant Pump (3x6 Dis.)	067-53560	ES 8E1—ES 14F3
71		Gasket, Solution Pump (3x6 Dis.)	067-58740	ES 8E1—ES 14F3
72		Gasket, Refrigerant Pump (4x6 Suc.)	—	—
73		Gasket, Solution Pump (4x6 Suc.)	070-12519	ES 8E1—ES 14F3
74		Gasket, Refrigerant Pump (4x6 Dis.)	—	—
75		Gasket (Motor Coolant Suction)	067-45545	ES 1A1—ES 14F3
76		Gasket (Motor Coolant Discharge)	067-63255	ES 1A1—ES 14F3
77		Screen (Magnetic Strained Coolant Reservoir)	029-10346	ES 1A1—ES 14F3
78		Gasket (Magnetic Strainer Flange)	067-58981	ES 1A1—ES 14F3
79		Lockwasher — 5/8 Ext. Tooth (2x4 Pump)	021-12598	ES 1A1—ES 14F3
80		Lockwasher — 3/4 Ext. Tooth (3x6 and 4x9 Pump)	021-12899	ES 5C3—ES 14F3
81		Impeller Nut, 5/8—18UNF—2B, L.H. Thds.	067-66393	ES 1A1—ES 14F3
82		Impeller Nut, 3/4—16UNF—2B, L.H. Thds.	067-76213	ES 5C3—ES 14F3
83		P-80 Rubber Lubricant	044-01711	ES 1A1—ES 14F3
84	3SOL	Solenoid Valve (Motor Coolant)	025-16909	ES 1A1—ES 14F3
85		Spare Parts Kit (For 3SOL)	025-16910	ES 1A1—ES 14F3
86		Replacement Solenoid Coil (For 3SOL)	025-16911	ES 1A1—ES 14F3
87	1F,2F	Float Level Switch (Motor Coolant and Refr. Level)	024-11968	ES 1A1—ES 14F3
88		Contact Element Replacement (For 1F,2F)	024-14666	ES 1A1—ES 14F3
PURGE SYSTEM				
89		Vacuum Pump (ES50)	026-13522	ES 1A1—ES 4B4
90		Vacuum Pump (ES100)	026-14267	ES 4C1—ES 8D3
91		Vacuum Pump (ES200)	026-14579	ES 8E1—ES 14F3
92		Spare Parts Kit (For ES50)	026-14481	ES 1A1—ES 4B4
93		Spare Parts Kit (For ES100)	026-14606	ES 4C1—ES 8D3
94		Spare Parts Kit (For ES200)	026-14607	ES 8E1—ES 14F3
95		Shaft Seal Replacement Tool (For 92, 93, 94)	026-18629	ES 1A1—ES 14F3
96	6MTR	Motor (1/4 HP, 60 Hz)	024-09655	ES 1A1—ES 4B4
97	6MTR	Motor (1/4 HP, 50 Hz)	024-13310	ES 1A1—ES 4B4
98	6MTR	Motor (1/3 HP, 60 Hz)	024-09656	ES 4C1—ES 8D3
99	6MTR	Motor (1/3 HP, 50 Hz)	024-16704	ES 4C1—ES 8D3
100	6MTR	Motor (1/2 HP, 60 Hz)	024-16230	ES 8E1—ES 14F3
101	6MTR	Motor (1/2 HP, 50 Hz)	024-16229	ES 8E1—ES 14F3
102		Drive Belt (V) — 3L270	028-07714	ES 1A1—ES 4B4
103		Drive Belt (V) — 3L370	028-08676	ES 4C1—ES 8D3
104		Drive Belt (V) — 4L400	028-06090	ES 8E1—ES 14F3
105		Vacuum Hose (Pump Suction)	067-58297	ES 1A1—ES 4B4
106		Vacuum Hose (Pump Suction)	067-77988	ES 4C1—ES 8D3
107		Vacuum Hose (Pump Suction)	067-91860	ES 8E1—ES 14F3
108		Vacuum Hose (Pump Discharge)	066-29651	ES 1A1—ES 4B4
109		Vacuum Hose (Pump Discharge)	066-37304	ES 4C1—ES 8D3
110		Vacuum Hose (Pump Discharge)	066-29652	ES 8E1—ES 14F3
111		Bubble Count Bottle (Medical Vial)	028-08642	ES 1A1—ES 14F3
112		Vacuum Purge Oil (1 Gallon)	044-02028	ES 1A1—ES 14F3
113		Motor Pulley Replacement (For 96 thru 99)	028-08686	ES 1A1—ES 8D3
114		Motor Pulley Replacement (For 100 & 101)	028-08687	ES 8E1—ES 14F3
115		Belt Guard Gasket	028-09317	ES 1A1—ES 4B4

No.	Sym.	Part Description	Part Number	Unit Size
PURGE SYSTEM (Cont.)				
116	1SOL	Belt Guard Gasket	028-09318	ES4C1-ES 14F3
117		Absolute Pressure Gage	026-09261	ES 1A1-ES 14F3
118		Ball Valve (1/2" N.P.T.I.)	022-02558	ES 1A1-ES 14F3
119		Solenoid Valve (Purge Suction)	025-11509	ES 1A1-ES 14F3
120		Replacement Solenoid Coil (For 1SOL)	025-11611	ES 1A1-ES 14F3
121		Spare Parts Kit (For 1SOL)	025-14536	ES 1A1-ES 14F3
CONTROLS AND PANEL COMPONENTS				
122		Elem. Wiring Diagram (ESA, ESB - 60 Hz)	035-02167	ES 1A1-ES 14F3
123		Elem. Wiring Diagram (ESA, ESB - 50 Hz)	035-02167	ES 1A1-ES9E2
124		Elem. Wiring Diagram (ESA, ESB - 50 Hz)	035-02168	ES 10E3-ES 14F3
125		Elem. Wiring Diagram (ESC-ESH - 60 Hz)	035-02166	ES 1A1-ES 14F3
126		Elem. Wiring Diagram (ESC-ESH - 50 Hz)	035-02166	ES 1A1-ES9E2
127		Elem. Wiring Diagram (ESC-ESH - 50 Hz)	035-02165	ES 10E3-ES 14F3
128		Conn. Wiring Diagram (ESA - 60 Hz)	035-02174	ES 1A1-ES 14F3
129		Conn. Wiring Diagram (ESA - 50 Hz)	035-02174	ES 1A1-ES9E2
130		Conn. Wiring Diagram (ESA - 50 Hz)	035-02176	ES 10E3-ES 14F3
131		Conn. Wiring Diagram (ESB - 60 Hz)	035-02173	ES 1A1-ES 14F3
132		Conn. Wiring Diagram (ESB - 50 Hz)	035-02173	ES 1A1-ES9E2
133		Conn. Wiring Diagram (ESB - 50 Hz)	035-02175	ES 10E3-ES 14F3
145		Conn. Wiring Diagram (ESC, ESE, ESG - 60 Hz)	035-02172	ES 1A1-ES 14F3
135		Conn. Wiring Diagram (ESC, ESE, ESG - 50 Hz)	035-02172	ES 1A1-ES9E2
136		Conn. Wiring Diagram (ESC, ESE, ESG - 50 Hz)	035-02170	ES 10E3-ES 14F3
137		Conn. Wiring Diagram (ESD, ESF, ESH - 60 Hz)	035-02171	ES 1A1-ES 14F3
138		Conn. Wiring Diagram (ESD, ESF, ESH - 50 Hz)	035-02171	ES 1A1-ES9E2
139		Conn. Wiring Diagram (ESD, ESF, ESH - 50 Hz)	035-02169	ES 10E3-ES 14F3
140	CWC	Controller (Pneu.), Chilled Water	022-02793	ES 1A1-ES 14F3
141	CWS	Chilled Water Temperature Sensor	022-04849	ES 1A1-ES 14F3
142		Instruction Drawing (For CWC)	066-12404	ES 1A1-ES 14F3
143		Key (CWC Adjustment)	025-13356	ES 1A1-ES 14F3
144		Separable Well (For CWS)	026-14175	ES 1A1-ES 14F3
145		Controller, Hi Limit (Recirculated Hot Water)	026-18748	ES 1A1-ES 14F3
146		Pressure Reducing Valve (Pneu.)	022-01897	ES 1A1-ES 14F3
147		1PE,2PE	Pressure Control Switch (Pneu.-Elect.)	025-09961
148	2G-7G	Gage, Pressure	026-10301	ES 1A1-ES 14F3
149	2SOL	Air Solenoid Valve (3-Way)	225-11931-006	ES 1A1-ES 14F3
150	6SOL	Air Solenoid Valve (3-Way)	025-18083	ES 1A1-ES 14F3
151		Replacement Solenoid Coil (For 6SOL)	025-18580	ES 1A1-ES 14F3
152	1RES	Air Restrictor	026-13858	ES 1A1-ES 14F3
153	1TH TS TS	Pneumatic Tubing - Plastic (1/4 O.D. x 120" Lg.)	067-76683	ES 1A1-ES 14F3
154		Low Temperature Refrig. Thermostat	025-18086	ES 1A1-ES 14F3
155		Temperature Sensor	025-17896-001	ES 1A1
156		Temperature Sensor	025-17896-002	ES 1A2-ES 14F3
157		Electronic Test Device (For 1TH, TS)	025-18391	ES 1A1-ES 14F3
158		6TH	ADC Control Thermostat	025-17892
159	8TH	Tower Thermostat Water	025-14464	ES 1A1-ES 14F3
160	1TR	Dilution Timer (Steam Units)	325-16341-001	ES 1A1-ES 14F3
161	1TR	Dilution Timer (Hot Water Units)	325-16341-004	ES 1A1-ES 14F3
162	2TR	ADC Control Timer	325-16341-005	ES 1A1-ES 14F3
163	1R	Relay, 3 Pole	024-17027	ES 1A1-ES 14F3
164	2R	Relay, 2 Pole	024-17075	ES 1A1-ES 14F3
165	3R	Relay, Time Delay	024-14967	ES 1A1-ES 14F3
166	4R	Relay, 1 Pole	024-16395-014	ES 1A1-ES 14F3
167	1TB	Terminal Block, 3 Pole	025-07725	ES 1A1-ES 14F3
168	2TB	Terminal Block, (34 Req'd.)	025-15865	ES 1A1-ES 14F3
169	2TB	Terminal End Block	025-13981	ES 1A1-ES 14F3
170	1S	Service Switch, Toggle	024-11735	ES 1A1-ES 14F3

No.	Sym.	Part Description	Part Number	Unit Size
CONTROLS AND PANEL COMPONENTS (Cont.)				
171	2S	Unit Switch (ON-OFF)	024-12064	ES 1A1-ES 14F3
172	3S	Purge Switch (ON-OFF)	024-12064	ES 1A1-ES 14F3
173	4S	Refr. Valve Switch (MAN-AUTO)	024-17219	ES 1A1-ES 14F3
174	1L-6L	Pilot Light	025-14025	ES 1A1-ES 14F3
175		Panel Door Lock	029-07382	ES 1A1-ES 14F3
176		Fuse Holder (250 V – 60 amp) (For 1-9FU)	025-14369	ES 1A1-ES 14F3
177		Fuse Holder (600 V – 30 amp) (For 1-9FU)	025-13947	ES 1A1-ES 14F3
178		Fuse Holder (10FU)	025-16353	ES 1A1-ES 14F3
179	1-3FU	Fuse (Solution or Absorber Pump)	See Table 1	
180	4-6FU	Fuse (Refrigerant Pump)		
181	7-9FU	Fuse (Generator Pump)		
182	10FU	Fuse	025-17861	ES 1A1-ES 14F3
183	4M	Starter (Sol or Abs Pump) – 30 amp	024-13309	ES 1A1-ES 14F3
184	5M	Starter (Refr. Pump) – 30 amp	024-13309	ES 1A1-ES 14F3
185	7M	Starter (Gen Pump) – 30 amp	024-13309	ES 10E3-ES 14F3
186	40L	Heater Element (Sol or Abs Pump)	See Table 1	
187	50L	Heater Element (Refr Pump)		
188	70L	Heater Element (Gen Pump)		
189	FLS	Flow Control Switch (Std. 150 # DWP)	024-15793	ES 1A1-ES 14F3
190	FLS	Flow Control Switch (To 300 # DWP) Optional	024-12144	ES 1A1-ES 14F3
191	4SOL	Solenoid Valve (Refr Level)	025-17885	ES 1A1-ES 6C4
192	4SOL	Solenoid Valve (Refr Level)	025-17886	ES 7D1-ES 14F3
193		Replacement Solenoid Coil (For #191)	025-18581	ES 1A1-ES 6C4
194		Replacement Solenoid Coil (For #192)	025-18582	ES 7D1-ES 14F3
195		Spare Parts Kit (Diaph) (For #191)	025-18583	ES 1A1-ES 6C4
196		Spare Parts Kit (Diaph) (For #192)	025-18584	ES 7D1-ES 14F3
197	5SOL	Solenoid Valve (Refrigerant)	025-17885	ES 1A1-ES 6C4
198	5SOL	Solenoid Valve (Refrigerant)	025-17886	ES 7D1-ES 14F3
199		Replacement Solenoid Coil (For #197)	025-18581	ES 1A1-ES 6C4
200		Replacement Solenoid Coil (For #198)	025-18582	ES 7D1-ES 14F3
201		Spare Parts Kit (Diaph) (For #197)	025-18583	ES 1A1-ES 6C4
202		Spare Parts Kit (Diaph) (For #198)	025-18584	ES 7D1-ES 14F3
203	SCRR	Solution Control Reversing Relay (Pneu)	024-11419	ES 1A1-ES 14F3
204A	SCVM	Solution Control Valve (Complete)	366-24048	ES 1A1-ES 4B4
204B			366-25059	ES 4C1-ES 6C4
204C			366-21759	ES 7D1-ES 7D2
204D			366-28182	ES 8D3-ES 10E3
204E			366-30490	ES 12F1-ES 14F3
205		Replacement Actuator (SCVM) for 204A, 204B, 204C	024-09599	ES 1A1-ES 7D2
206	SVM	Steam Control Valve (Pneu) – Complete	See Table 4	
207		Replacement Actuator (For SVM)		
208	HWVM	Hot Water Control Valve (Pneu) – Complete	See Table 3	
209	T	Transformer (190 thru 480 Volts)	025-13485	ES 1A1-ES 14F3
210	T	Transformer (550 thru 600 Volts)	025-14250	ES 1A1-ES 14F3
211		Fuse Holder (190 thru 240 Volts) (For 11FU, 12FU)	025-05259	ES 1A1-ES 14F3
212		Fuse Holder (380 thru 600 Volts) (For 11FU, 12FU)	025-14213	ES 1A1-ES 14F3
213		Fuse Holder (13FU)	025-16353	ES 1A1-ES 14F3
214	11,12FU	Fuse (190 thru 240 Volts)	025-05886	ES 1A1-ES 14F3
215	11,12FU	Fuse (380 thru 600 Volts)	025-12082	ES 1A1-ES 14F3
216	13FU	Fuse	025-09976	ES 1A1-ES 14F3
217		Disconnect Switch – 30 amp	024-09190	ES 1A1-ES 14F3
218		Disconnect Switch – 60 amp	024-13196	ES 1A1-ES 14F3
219		Disconnect Switch – 30 amp	024-13197	ES 1A1-ES 14F3
220		Disconnect Switch – 100 amp	024-13198	ES 1A1-ES 14F3

No.	Sym.	Part Description	Part Number	Unit Size
MANUAL DIAPHRAGM VALVES				
221		Diaphragm Valve, 1/2" NPTI (Scr. Both Ends)	022-02046	ES 1A1-ES 14F3
222		Replacement Diaphragm (For 1/2" Valve)	022-04371	ES 1A1-ES 14F3
223		Diaphragm Valve, 3/4" NPS (Soc. Both Ends)	022-02457	ES 1A1-ES 14F3
224		Replacement Diaphragm (For 3/4" Valve)	022-02163	ES 1A1-ES 14F3
FIELD CONTROL MODIFICATION COMPONENTS				
225	DRWG	Field Control Modifications	066-50086	ES 1A1-ES 14F3
226		Time Delay Relay	366-11354	ES 1A1-ES 14F3
227		Selector Switch	024-14421	ES 1A1-ES 14F3
228		Temperature Control	025-15154	ES 1A1-ES 14F3
229		Steam Supply Press. Low Limit Cont. (0-15 PSIG)	025-16453	ES 1A1-ES 14F3
230		Steam Supply Press. Low Limit Cont. (5-150 PSIG)	025-16454	ES 1A1-ES 14F3
231		Thermostat Sensor	025-13878	ES 1A1-ES 14F3
232		Control Relay (Pneu)	022-02793	ES 1A1-ES 14F3
233		Air Restrictor Tee	026-19233	ES 1A1-ES 14F3
234		Blanking Plate	022-02796	ES 1A1-ES 14F3
235		Instructions, Installation of Blanking Plate	035-02410	ES 1A1-ES 14F3
236		Instructions, Control Modifications	035-02411	ES 1A1-ES 14F3
237		Reset Relay (Pneu)	024-09101	ES 1A1-ES 14F3
238		Air Solenoid Valve (3-Way)	025-11931-006	ES 1A1-ES 14F3
239		Instructions, Installation of Reset Relay	035-02412	ES 1A1-ES 14F3
240		Pneumatic Tubing, Plastic (1/4" O.D. x 120" Lg.)	067-76683	ES 1A1-ES 14F3
RUPTURE DISK ASSEMBLY (HOT WATER UNITS)				
241		Rupture Disk (4" Dia. Port) with Gaskets	026-10433	ES 1A1-ES 14F3
242		Neoprene Hose (Rupture Disk Vent Conn.)	067-41892	ES 1A1-ES 14F3
243		Hose Clamp (Rupture Disk Vent Conn.)	023-07984	ES 1A1-ES 14F3
WATER, STEAM, & HOT WATER CHANNEL BOX GASKETS FOR COVER PLATES				
244		Gasket, Condenser (Total Quan Ft Req'd)	028-08995 (6 Ft) 028-08995 (8 Ft) 028-08995 (10 Ft) 028-08995 (11 Ft) 028-08995 (13 Ft) 028-08995 (14 Ft)	ES 1A1-ES 2A4 ES 2B1-ES 4B4 ES 4C1-ES 6C4 ES 7D1-ES 8D3 ES 8E1-ES 10E3 ES 12F1-ES 14F3
245		Gasket, Generator (One Gasket - 2 Req'd)	028-08557 028-08570 028-08543 028-08581 028-08587 028-08660	ES 1A1-ES 2A4 ES 2B1-ES 4B4 ES 4C1-ES 6C4 ES 7D1-ES 8D3 ES 8E1-ES 10E3 ES 12F1-ES 14F3
246		Gasket, Evaporator (Total Quan Ft Req'd)	028-08995 (12 Ft) 028-08995 (13 Ft) 028-08995 (15 Ft) 028-08995 (18 Ft) 028-08995 (20 Ft) 028-08995 (23 Ft)	ES 1A1-ES 2A4 ES 2B1-ES 4B4 ES 4C1-ES 6C4 ES 7D1-ES 8D3 ES 8E1-ES 10E3 ES 12F1-ES 14F3
247		Gasket, Absorber (Total Quan Ft Req'd)	028-08995 (15 Ft) 028-08995 (19 Ft) 028-08995 (21 Ft) 028-08995 (25 Ft) 028-08995 (28 Ft) 028-08995 (31 Ft)	ES 1A1-ES 2A4 ES 2B1-ES 4B4 ES 4C1-ES 6C4 ES 7D1-ES 8D3 ES 8E1-ES 10E3 ES 12F1-ES 14F3
248		Pass Baffle-Channel Gasket Material	028-08547 Specify Length Req.	
REPLACEMENT PASS BAFFLES				
249		Condenser (Always one pass) None Req'd	(1) 366-29147 (1) 366-29096 (1) 366-29007 (1) 366-28972 (1) 366-27770 (1) 366-28401	ES 1A1-ES 2A4
250		Generator - Steam & Hot Water (One Pass) None Req'd		ES 2B1-ES 4B4
251		Generator - Hot Water (Two Pass)		ES 4C1-ES 6C4
				ES 7D1-ES 8D3
				ES 8E1-ES 10E3
		Evaporator & Absorber (One Pass) None Req'd		ES 12F1-ES 14F3

No.	Sym.	Part Description	Part Number	Unit Size
REPLACEMENT PASS BAFFLES (Cont.)				
252		Evaporator (Two Pass)	(1) 366-29149 (1) 366-29097 (1) 366-29009 (1) 366-28974 (1) 366-27795 (1) 366-30132	ES 1A1-ES 2A4 ES 2B1-ES 4B4 ES 4C1-ES 6C4 ES 7D1-ES 8D3 ES 8E1-ES 10E3 ES 12F1-ES 14F3
253		Evaporator (Three Pass)	(2) 366-32127 (2) 366-29097 (2) 366-32129 (2) 366-28974 (2) 366-28326 (2) 366-30132	ES 1A1-ES 2A4 ES 2B1-ES 4B4 ES 4C1-ES 6C4 ES 7D1-ES 8D3 ES 8E1-ES 10E3 ES 12F1-ES 14F3
254		Evaporator (Four Pass)	(3) 366-29149 (3) 366-29097	ES 1A1-ES 2A4 ES 2B1-ES 4B4
			(1) 366-29009 & (2) 366-32129	ES 4C1-ES 6C4
			(3) 366-28974	ES 7D1, ES 7D2
			(2) 366-28326 & (1) 366-27795	ES 8E1, ES 9E2
255		Absorber (Two Pass)	(1) 366-29148 (1) 366-29098 (1) 366-29010 (1) 366-28975 (1) 366-27805 (1) 366-30269	ES 2A3-ES 2A4 ES 2B1-ES 4B4 ES 4C1-ES 6C4 ES 7D1-ES 8D3 ES 8E1-ES 10E3 ES 12F1-ES 14F3
256		Absorber (Three Pass) (3 Req'd for Four Pass)	(2) 366-29148 (2) 366-29098 (2) 366-29010 (2) 366-28975	ES 1A1-ES 2A4 ES 2B1-ES 3B3 ES 4C1, ES 5C2 ES 7D1
MISCELLANEOUS				
257		Thermometer Kit "A"	366-34332	ES 1A1-ES 14F3
258		Thermometer Kit "B"	366-34333	ES 1A1-ES 14F3
259		Thermometer Well, (Std Design, Weld on Type)	067-77826	ES 1A1-ES 10E3
260		Thermometer Well (Std Design, Weld on Type)	067-81246	ES 12F1-ES 14F3
261		Lithium Bromide Test Kit	026-18304	ES 1A1-ES 14F3
262		Sight Plug 1-1/2 NPT	026-18931	ES 1A1-ES 14F3
263		Sight Glass (4 inch)	026-09608	ES 1A1-ES 14F3
264		Gasket (4 inch Sight Glass)	070-16406	ES 1A1-ES 14F3
265		Gasket (Cond Pan Drain Conn Flange)	067-70963	ES 12F1-ES 14F3
266		Evaporator Access Cover (R.H.)	066-25034	ES 1A1-ES 2A4
			066-46527	ES 2B1-ES 4B4
			066-46533	ES 4C1-ES 6C4
			066-46539	ES 7D1-ES 8D3
			066-28453	ES 8E1-ES 10E3
			066-30794	ES 12F1-ES 14F3
267		Evaporator Access Cover (L.H.)	066-25813	ES 1A1-ES 2A4
			066-25188	ES 2B1-ES 4B4
			067-55736-001	ES 4C1-ES 6C4
			066-42752	ES 7D1-ES 8D3
			066-28454	ES 8E1-ES 10E3
			066-30687	ES 12F1-ES 14F3

No.	Sym.	Part Description	Part Number	Unit Size
MISCELLANEOUS (Cont.)				
268		Absorber Access Cover (R.H.)	067-64837-002 067-55736-002 066-21437	ES 1A1-ES 2A4 ES 2B1-ES 4B4 ES 4C1-ES 6C4
269		Absorber Access Cover (L.H.)	066-23558 066-25614 066-46585 066-31860 066-32250 066-32254	ES 1A1-ES 2A4 ES 2B1-ES 4B4 ES 4C1-ES 6C4 ES 7D1-ES 8D3 ES 8E1-ES 10E3 ES 12F1-ES 14F3
270		Evaporator Spray Nozzle	023-08842 023-10209	ES 1A1-ES 2A4 ES 2B1-ES 14F3
271		Absorber Spray Nozzle	023-09732 023-10209 366-25831	ES 1A1-ES 2A4 ES 2B1-ES 6C4 ES 7D1-ES 14F3
272		Isolation Pads (Includes 4)	366-29813 367-67606 367-67607 367-67608 367-78184 366-06736	ES 1A1-ES 2A4 ES 2B1-ES 4B4 ES 4C1-ES 6C4 ES 7D1-ES 8D3 ES 8E1-ES 10E3 ES 12F1-ES 14F3
273	Note Note Note	Lithium Bromide Sol (30 Gal Drum)	044-01268	ES 1A1-ES 14F3
274		Lithium Bromide Sol (10 Gal Drum)	044-01745	ES 1A1-ES 14F3
275		Lithium Chromate Inhibitor	044-01651	ES 1A1-ES 14F3
276		Alcohol (2 Ethyl-1 Hexanol) (3KG)	044-02294	ES 1A1-ES 14F3
277		Heat Conductive Compound (4 oz.)	013-00898	ES 1A1-ES 14F3
		Items 273 thru 276 - See Service Instruction for quantity required. Item 277 (Use with items 141, 145, 155 or 156, 159 and 231) Items 259 and 260 (Trim Length to suit pipe size)		
278		Product Drawing - Steam	066-53854	ES 1A1-ES 14F3
279		Product Drawing - Hot Water	066-53855	ES 1A1-ES 14F3
280		ES - Installation Instruction Envelope	035-02228	ES 1A1-ES 14F3
281		Absolute Pressure Gage Installation	366-21457	ES 1A1-ES 14F3
282		Flow Control Switch & Sensor Bulb Inst	366-52163	ES 1A1-ES 14F3
283		Steam Control Valve Installation (ESA, ESC)	See Table 4	
284		Steam Control Valve Installation (ESB, ESD)		
285		Hot Water Control Valve Installation (ESE, ESG)	366-52159	ES 1A1-ES 14F3
286		Hot Water Control Valve Installation (ESF, ESH)	366-52160	ES 1A1-ES 14F3
287		Solution Control Valve Installation (ESB,D,F,H)	366-52155 366-52156	ES 1A1-ES 7D2 ES 8D3-ES 14F3
288		Field Assembly Instructions (Two Piece Shipment)	035-02274	ES 12F1-ES 14F3
289		Gasket, Peerless Motor (All Pumps)	028-08969	ES 1A1-ES 2A4
290		Cement, Gasket (Pumps and Water Boxes)	013-00995	ES 1A1-ES 14F3
291		Sealant, Locktite (All tubes except Gen)	013-01046	ES 1A1-ES 14F3
292		Sealer, Teflon (For Sight Plugs & Pipe Plugs)	013-02023	ES 1A1-ES 14F3
PUMP ISOLATION KITS, STOPPER ASSEMBLIES, AND GASKETS				
293		Refrigerant Pump Isolation Kit	See Table 5	
294		Solution Pump Isolation Kit	See Table 6	
295		Generator Pump Isolation Kit	See Table 7	
296		Absorber Pump Isolation Kit	See Table 8	
297		Inflatable Pipe Stopper Assy - 2"	See Table 9	
298		Inflatable Pipe Stopper Assy - 2-1/2"		
299		Inflatable Pipe Stopper Assy - 3"		
300		Inflatable Pipe Stopper Assy - 3-1/2"		
301		Inflatable Pipe Stopper Assy - 4"		
302		Inflatable Pipe Stopper Assy - 6"		
303		Gaskets For Pump Isolation Kits		
304		Tubing For Pump Isolation Kits		
305		Air Pump For Pump Isolation Kits		

TABLE 1— PUMP MOTOR DATA (FUSE AND HEATER ELEMENT PART NUMBERS)

3 HP 60 HZ 3 PH 1745 RPM (4 POLE)						5 HP 60 HZ 3 PH 1745 RPM (4 POLE)					
Voltage	Heater Element		FLA	Fuse		Voltage	Heater Element		FLA	Fuse	
	Cutler Hammer Part No.	YORK Part No.		Size	YORK Part No.		Cutler Hammer Part No.	YORK Part No.		Size	YORK Part No.
208	H-30	024-08282	11.2	35	025-15491	208	H-35	024-08382	17.6	35	025-15491
230	H-30	024-08282	10.8	35	025-15491	230	H-35	024-08382	16.3	35	025-15491
460	H-21	024-08276	5.4	10	025-11910	460	H-26	024-08278	8.1	10	025-11910
575	H-17	024-08472	4.1	10	025-11910	575	H-22	024-08277	6.2	10	025-11910
3 HP 50 HZ 3 PH 1440 RPM (4 POLE)						5 HP 50 HZ 3 PH 1440 RPM (4 POLE)					
190	H-29	024-08281	11.4	35	025-15491	190	H-35	024-08382	18.6	35	025-15491
208	H-30	024-08282	12.3	35	025-15491	208	H-36	024-08286	21.0	35	025-15491
220	H-30	024-08282	12.5	35	025-15491	220	H-36	024-08286	20.0	35	025-15491
380	H-21	024-08276	5.7	10	025-11910	380	H-26	024-08278	9.3	15	025-05741
416	H-22	024-08277	6.2	10	025-11910	416	H-28	024-08279	10.5	15	025-05741
440	H-22	024-08277	6.3	10	025-11910	440	H-27	024-08381	10.0	15	025-05741
5 HP 60 HZ 3 PH 1150 RPM (6 POLE)						7.5 HP 60 HZ 3 PH 1150 RPM (6 POLE)					
Voltage	Heater Element		FLA	Fuse		Voltage	Heater Element		FLA	Fuse	
	Cutler Hammer Part No.	YORK Part No.		Size	YORK Part No.		Cutler Hammer Part No.	YORK Part No.		Size	YORK Part No.
208	H-36	024-08286	20.3	35	025-15491	208	H-39	024-08289	26.5	35	025-15491
230	H-37	024-08287	20.6	35	025-15491	230	H-38	024-08288	25.0	35	025-15491
460	H-28	024-08279	10.3	15	025-05741	460	H-31	024-08283	12.5	20	025-12804
575	H-25	024-08380	7.9	10	025-11910	575	H-29	024-08281	10.0	15	025-05741
5 HP 50 HZ 3 PH 960 RPM (6 POLE)						7.5 HP 50 HZ 3 PH 960 RPM (6 POLE)					
190	H-38	024-08288	25.4	35	025-15491	190	H-39	024-08289	29.8	40	025-16659
208	H-38	024-08288	25.0	35	025-15491	208	H-39	024-08289	28.4	35	025-15491
220	H-38	024-08288	25.4	35	025-15491	220	H-39	024-08289	28.2	35	025-15491
380	H-30	024-08282	12.7	20	025-12804	380	H-32	024-08280	14.9	20	025-12804
416	H-30	024-08282	12.5	20	025-12804	416	H-32	024-08280	14.2	20	025-12804
440	H-30	024-08282	12.7	20	025-12804	440	H-32	024-08280	14.1	20	025-12804
7.5 HP 60 HZ 3 PH 1745 RPM (4 POLE)											
Voltage	Heater Element		FLA	Fuse		Voltage	Heater Element		FLA	Fuse	
	Cutler Hammer Part No.	YORK Part No.		Size	YORK Part No.		Cutler Hammer Part No.	YORK Part No.		Size	YORK Part No.
208	H-38	024-08288	23.0	35	025-15491						
230	H-37	024-08287	21.0	35	025-15491						
460	H-29	024-08281	10.5	15	025-05741						
575	H-27	024-08381	8.5	15	025-05741						
7.5 HP 50 HZ 3 PH 1440 RPM (4 POLE)											
190	H-38	024-08288	26.0	35	025-15491						
208	H-37	024-08287	24.0	35	025-15491						
220	H-37	024-08287	23.0	35	025-15491						
380	H-30	024-08282	13.0	20	025-12804						
416	H-29	024-08281	12.0	15	025-05741						
440	H-29	024-08281	11.5	15	025-05741						

NOTE: Three (3) fuses and three (3) heater elements required for each pump motor.

TABLE 2— PUMP AND MOTOR SIZES

TABLE 2— PUMP AND MOTOR SIZES																						
Solution Pump Size (ESB,ESD,ESF,ESH)	ES1A1	ES1A2	ES2A3	ES2A4	ES2B1	ES3B2	ES3B3	ES4B4	ES4C1	ES5C2	ES5C3	ES6C4	ES7D1	ES7D2	ES8D3	ES8E1	ES9E2	ES10E3	ES12F1	ES13F2	ES14F3	
208-230/460-3-60	1a	1a	1a	1a	1a	1a	1b	1b	1b	1b	3b	3b	3c	3c	3c	5b	5b	5c	5c	5c	5c	
575-3-60	1a	1a	1a	1a	1a	1a	1a	1b	1b	1b	3b	3b	3c	3c	3c	5b	5b	5c	5c	5c	5c	
																		Generator (ESA—ESH)				
190/380-3-50	1a	1a	1a	2a	1a	2a	2b	2b	2b	2b	3b	4b	4c	4c	4c	4c	4c	2b	3b	3c	3c	
208/416-3-50	1a	1a	1a	2a	1a	2a	2b	2b	2b	2b	3b	4b	4c	4c	4c	4c	4c	2b	3b	3c	3c	
220/440-3-50	1a	1a	1a	2a	1a	2a	2b	2b	2b	2b	3b	4b	4c	4c	4c	4c	4c	2b	3b	3c	3c	
Solution Pump Size (ESA,ESC,ESE,ESG)																						
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 (ESA—ESH)				
190/380-3-50	1a	1a	1a	1a	1a	1a	2a	2b	2b	2b	2b	3b	3b	4b	4c	4c	4c	1a	1a	1a	1a	
208/416-3-50	1a	1a	1a	1a	1a	1a	2a	2b	2b	2b	2b	3b	3b	4b	4c	4c	4c	1a	1a	1a	1a	
220/440-3-50	1a	1a	1a	1a	1a	1a	2a	2b	2b	2b	2b	3b	3b	4b	4c	4c	4c	1a	1a	1a	1a	
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	
190/380-3-50	1a	1a	1a	1a	2a	2a	2a	2a	2a	2a	2a	2b	2b	2b	2b	3b	4b	4b	4c	4c	4c	
208/416-3-50	1a	1a	1a	1a	2a	2a	2a	2a	2a	2a	2a	2b	2b	2b	2b	3b	4b	4b	4c	4c	4c	
220/440-3-50	1a	1a	1a	1a	2a	2a	2a	2a	2a	2a	2a	2b	2b	2b	2b	3b	4b	4b	4c	4c	4c	
No.	Pump Size	Motor		Motor Horsepower																		
1	2 x 4 x 7-1/2	4 Pole		H.P.		3	5	7.5														
2	2 x 4 x 9	4 Pole		Letter		a	b	c														
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																				
Pump Gaskets (See Items 52 thru 61)																						
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																				
Example: 3 b = 3 x 6 x 11 Pump 5 H.P. Motor (6 Pole)																						

Example: 3 b = 3 x 6 x 11 Pump
5 H.P. Motor (6 Pole)

TABLE 3— HOT WATER CONTROL VALVES

Valve Size (In.)	Pneumatic—Cast Iron		Pneumatic—Cast Iron		Pneumatic—Cast Steel	
	Fisher Valves		Honeywell Valves		Fisher	Honeywell
	125 #	250 #	125 #	250 #	300 #	300 #
1	—	—	022-03009	022-03018	—	—
1-1/4	—	—	022-03010	022-03019	—	—
1-1/2	022-04396	022-04397	022-03011	022-03020	022-04398	—
2	022-04399	022-04400	022-03012	022-03021	022-04401	—
2-1/2	022-04402	022-04403	022-03013	022-03022	022-04404	—
3	022-04405	022-04406	022-03014	022-03023	022-04407	—
4	022-04408	022-04409	022-03015	022-03024	022-04410	—
6	022-04411	022-04412	022-03016	022-03025	022-04413	—
8	—	—	022-03017	022-03026	—	—

TABLE 4— STEAM CONTROL VALVE ASSEMBLIES, ACTUATORS, AND INSTALLATION DRAWINGS

Valve Size (In.)	Valve Type	Valve Ass'y YORK Part No.	Actuator YORK Part No.	Valve Ass'y Installation Drawings	
				ESA, ESC Units	ESB, ESD Units
3	Cage	022-02624	022-02821	366-52157	366-52158
4	Cage	022-02563	022-02821	366-52157	366-52158
5	Cage	022-02718	022-02821	366-52157	366-52158
6	Cage	022-02625	022-02821	366-52157	366-52158
4	Butterfly	022-03858	—	366-52161	366-52162
5	Butterfly	022-03859	—	366-52161	366-52162
6	Butterfly	022-03860	—	366-52161	366-52162
8	Butterfly	022-04058	—	366-52161	366-52162

TABLE 5— REFRIGERANT PUMP ISOLATION KIT

Unit Size	ESA, ESB, ESC, ESD, ESE, ESF, ESG, ESH	
	50 Hertz	60 Hertz
1A1	366-53819	366-53819
1A2	366-53819	366-53819
2A3	366-53819	366-53819
2A4	366-53819	366-53819
2B1	366-53819	366-53819
3B2	366-53819	366-53819
3B3	366-53819	366-53819
4B4	366-53819	366-53819
4C1	366-53819	366-53819
5C2	366-53819	366-53819
5C3	366-53819	366-53819
6C4	366-53819	366-53819
7D1	366-53819	366-53819
7D2	366-53819	366-53819
8D3	366-53819	366-53819
8E1	366-53820	366-53819
9E2	366-53820	366-53819
10E3	366-53820	366-53820
12F1	366-53820	366-53820
13F2	366-53820	366-53820
14F3	366-53820	366-53820

TABLE 6— SOLUTION PUMP ISOLATION KIT

Unit Size	ESA, ESC, ESE & ESG		ESB, ESD, ESF & ESH	
	50 Hertz	60 Hertz	50 Hertz	60 Hertz
1A1	366-53809	366-53809	366-53809	366-53809
1A2	366-53809	366-53809	366-53809	366-53809
2A3	366-53809	366-53809	366-53809	366-53809
2A4	366-53809	366-53809	366-53809	366-53809
2B1	366-53810	366-53810	366-53810	366-53810
3B2	366-53810	366-53810	366-53810	366-53810
3B3	366-53810	366-53810	366-53810	366-53810
4B4	366-53810	366-53810	366-53810	366-53810
4C1	366-53810	366-53810	366-53810	366-53810
5C2	366-53810	366-53810	366-53810	366-53810
5C3	366-53810	366-53810	366-53814	366-53814
6C4	366-53814	366-53810	366-53814	366-53814
7D1	366-53814	366-53810	366-53814	366-53814
7D2	366-53814	366-53814	366-53814	366-53814
8D3	366-53814	366-53814	366-53814	366-53814
8E1	366-53815	366-53817	366-53815	366-53817
9E2	366-53815	366-53817	366-53815	366-53817
10E3	—	366-53817	—	366-53817
12F1	—	366-53818	—	366-53818
13F2	—	366-53818	—	366-53818
14F3	—	366-53818	—	366-53818

TABLE 7— GENERATOR ISOLATION KIT

Unit	Hertz	Part No.
10E3	50	366-53812
12F1	50	366-53816
13F2	50	366-53816
14F3	50	366-53816

TABLE 8— ABSORBER ISOLATION KIT

Unit	Hertz	Part No.
10E3	50	366-53811
12F1	50	366-53813
13F2	50	366-53813
14F3	50	366-53813

TABLE 9—CONTENT 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 Ass'y.-2"	366-49819	2	1	—	—	—	—	—	—	—	—	—	—
Stopper Ass'y.-2-1/2"	366-49820	—	—	1	—	—	—	1	—	1	—	—	—
Stopper Ass'y.-3"	366-49821	—	—	—	1	—	1	1	—	1	—	—	—
Stopper Ass'y.-3-1/2"	366-53570	—	—	—	—	1	—	—	1	—	—	—	—
Stopper Ass'y.-4"	366-49822	1	1	1	1	1	—	—	—	—	1	1	—
Stopper Ass'y.-6"	366-49823	—	—	—	—	—	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 10—CONTENTS OF KITS

ITEM NO.	ITEM NO.
56 & 57	94
INTERNAL MOTOR THERMOSTAT KIT FOR ITEMS #37 THRU 51 (4 & 5 MTR & 7MTR)	VACUUM PUMP SPARE PARTS KIT FOR ITEM #91
1 — 194 F THERMOSTAT — POTTING COMPOUND	2 — FILTER ASSEMBLY 3 — BLADE SPRING 3 — OIL SEAL 3 — VALVE RUBBER H.V. 1 — LID GASKET 1 — OIL BOX GASKET 3 — SHAFT SEAL 1 — SIGHT GLASS 2 — END CAP 2 — SIGHT GLASS SEALING RING VOR 0011 3 — DISTRIBUTOR RUBBER — VITON 1 — DISTRIBUTOR SPRING 1 — DISTRIBUTOR GASKET 1 — FILTER SEAL 1 — BALLAST BODY SEALING RING 1 — BALLAST PISTON SEALING RING 1 — FLANGE SEALING RING 1 — NOZZLE SEAL — SELON MK.7 1 — PLUG SEAL — SELON MK.11 2 — PLUG SEAL, SELON MK.3 1 PR. — FERROBESTOS BLADE 1 — "V" BELT 2 — SPRING SUPPORT PIN
85	86 & 120
SOLENOID VALVE SPARE PARTS KIT FOR ITEM #84 (3 SOL)	REPLACEMENT SOLENOID COIL FOR ITEMS #84 & 119
1 — CORE SPRING ASSEMBLY 1 — BODY GASKET	121
88	SOLENOID VALVE SPARE PARTS KIT FOR ITEM #119 (1 SOL)
FLOAT LEVEL SWITCH CONTACT ELEMENT FOR ITEM #87 (1F,2F)	1 — CORE SPRING ASSEMBLY 1 — BODY GASKET
1 — CONTACT ELEMENT WITH LEADS 1 — STRAIN RELIEF CONNECTOR	151
92	REPLACEMENT SOLENOID COIL FOR ITEM #150
VACUUM PUMP SPARE PARTS KIT FOR ITEM #89	193
2 — BLADE SPRING 3 — EXHAUST VALVE RUBBER 3 — WILSON SEAL RUBBER 1 — OIL BOX GASKET 1 — PLUG SEAL 1 — BALLAST SEAL 1 — FILTER SEAL 1 — BALLAST SPRING 1 — VOR 1119 TAILPIECE SEAL RING 3 — OIL SEAL 2 — PLUG SEAL 2 — END CAP 1 — SIGHT GLASS 2 — VOR 0011 SIGHT GLASS SEAL RING 1 — FILTER ASSEMBLY 1 — V-BELT 1 PR. — FERROBESTOS BLADES 1 — BALLAST FELT FILTER 2 — BLADE SPRING SUPPORT 1 — PRESSURE RELIEF VALVE SPRING 1 — VENT PLUG 3 — DISTRIBUTOR RUBBER 1 — DISTRIBUTOR SPRING	194
93	REPLACEMENT SOLENOID COIL FOR ITEM #191
VACUUM PUMP SPARE PARTS KIT FOR ITEM #90	199
1 — FILTER SEAL 1 — SIGHT GLASS 2 — END CAP 2 — SIGHT GLASS SEAL RING 2 — BALLAST SPRING 1 — BALLAST SEAL 1 — BALLAST FELT FILTER 1 — PLUG SEAL 1 — FLANGE SEAL RING 2 — OIL BOX GASKET 2 — FILTER ASSEMBLY 3 — OIL SEAL 3 — BLADE SPRING 3 — DISTRIBUTOR RUBBER 1 — DISTRIBUTOR SPRING 3 — VALVE RUBBER 2 — PLUG SEAL 1 — VEE BELT 1 PR. — FERROBESTOS BLADE 3 — BLADE SPRING SUPPORT 1 — SEAL PLATE 2 — LIP SEAL	200
	REPLACEMENT SOLENOID COIL FOR ITEM #198
	201
	SPARE PARTS KIT FOR ITEM #197
	202
	SPARE PARTS KIT FOR ITEM #198
	205
	REPLACEMENT SOLUTION VALVE ACTUATOR FOR ITEM #204 (SCVM)
	207
	REPLACEMENT STEAM VALVE ACTUATOR FOR ITEM #206 (SVM)
	222
	REPLACEMENT DIAPHRAGM FOR 1/2" VALVE FOR ITEM #221
	224
	REPLACEMENT DIAPHRAGM FOR 3/4" VALVE FOR ITEM #223
	257
	THERMOMETER KIT "A" (OPTIONAL EXTRA)
	4 — MERCURY THERMOMETERS (—30 TO 120 F) 4 — MERCURY THERMOMETERS (—4 TO 220 F) 1 — PRINT, INSTALLATION INSTRUCTION
	258
	THERMOMETER KIT "B" (OPTIONAL EXTRA)
	5 — DIAL THERMOMETERS (30 TO 130 F) 3 — SEPARABLE SOCKETS, 3/4" 2 — SEPARABLE SOCKETS, 3/4" — 2" EXT. 1 — PRINT, INSTALLATION INSTRUCTION



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