



ParaFlow Two Stage Absorption Units

RENEWAL PARTS

Supersedes: FORM 155.17-RP2 (1292)

993

FORM 155.17-RP1

NOTE:

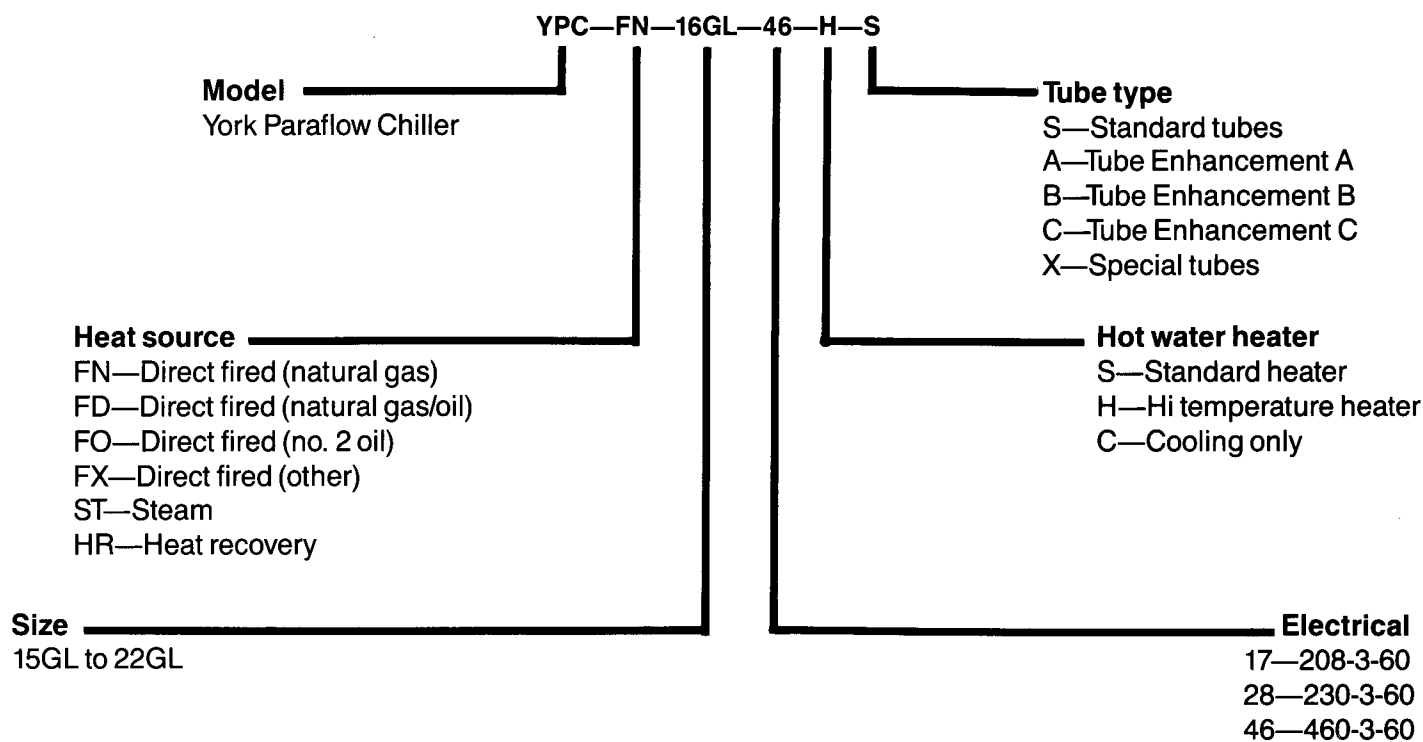
Service Bulletins are placed at the end of manual.

FOR MODELS

**YPC-F-15GL
THRU
YPC-F-22G
(50 AND 60 HERTZ)
345 TONS THRU 1500 TONS**

**YPC-ST-16GL
THRU
YPC-ST-22G
(50 AND 60 HERTZ)
450 TONS THRU 1500 TONS**

UNIT NOMENCLATURE



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	024-25570-000
13	EPROM, PROGRAMMED	4	1	TABLE 1
14	CONTROL, RELAY BOARD	1	1	031-01199-000
15	FUSE HOLDER	1	1	025-13991-000
16	CONTROL, REMOTE RESET (CUSTOMER OPTION)	1	NOTE 1	031-00814-000
17	CARD FILE (CUSTOMER OPTION)	1	1	031-00827-000
18	IC, 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 BD. J1	1	1	031-00953-000
25	CABLE, RIBBON—MICRO BD. J2	1	1	031-01321-000

NOTES:

1. If it is desired to remotely reset both the leaving water temp setpoint (gas/oil or steam) and the load limit setpoint (steam units only), 2 each remote reset boards are required. Otherwise, only 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 Table 1.

TABLE 1

VERSION	APPLICATION	PART NO.
A.01S.05	STANDARD	031-01332-001
A.01F.05	STANDARD WITH FAX-4500	031-01332-002

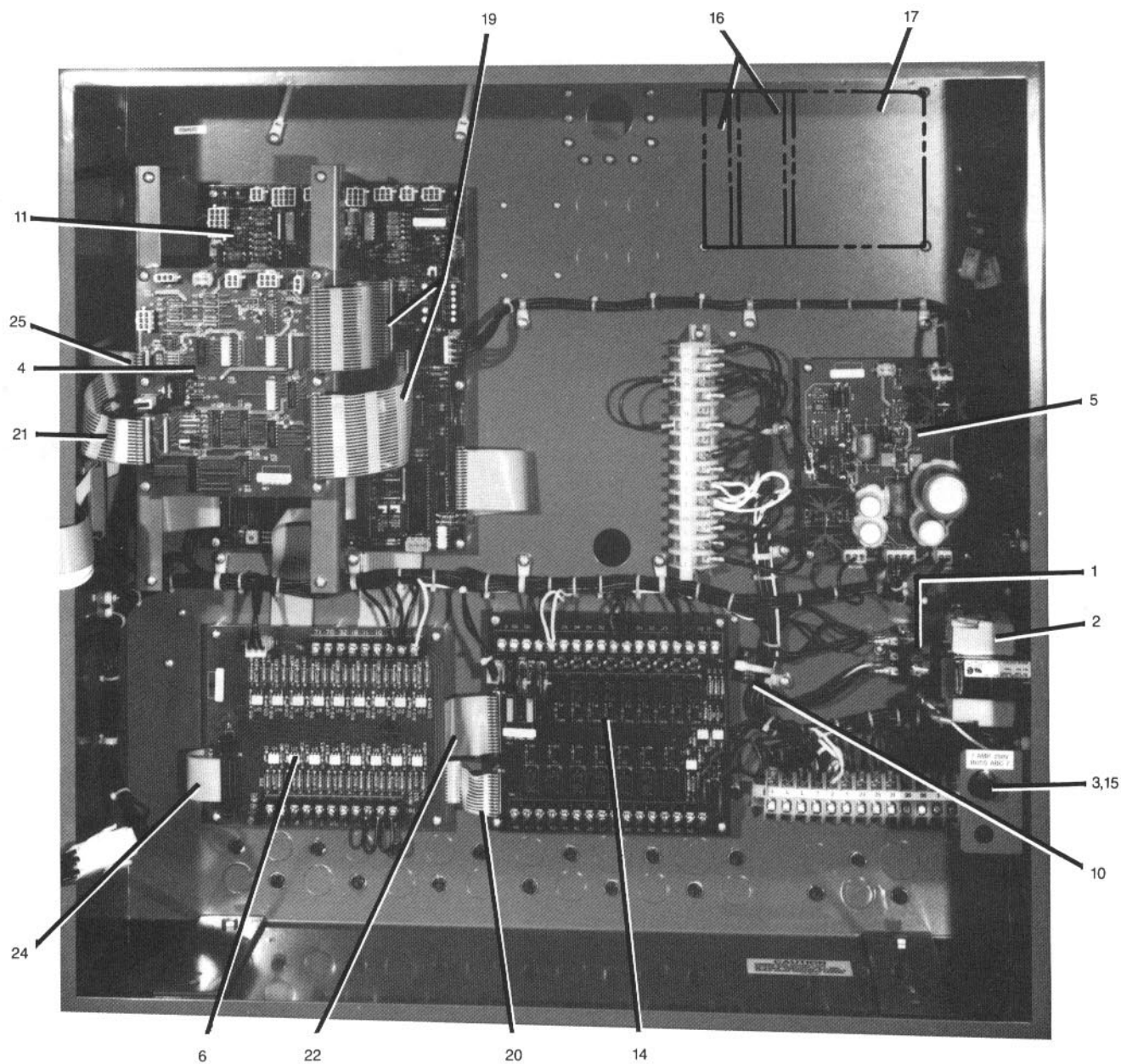


FIG. 1

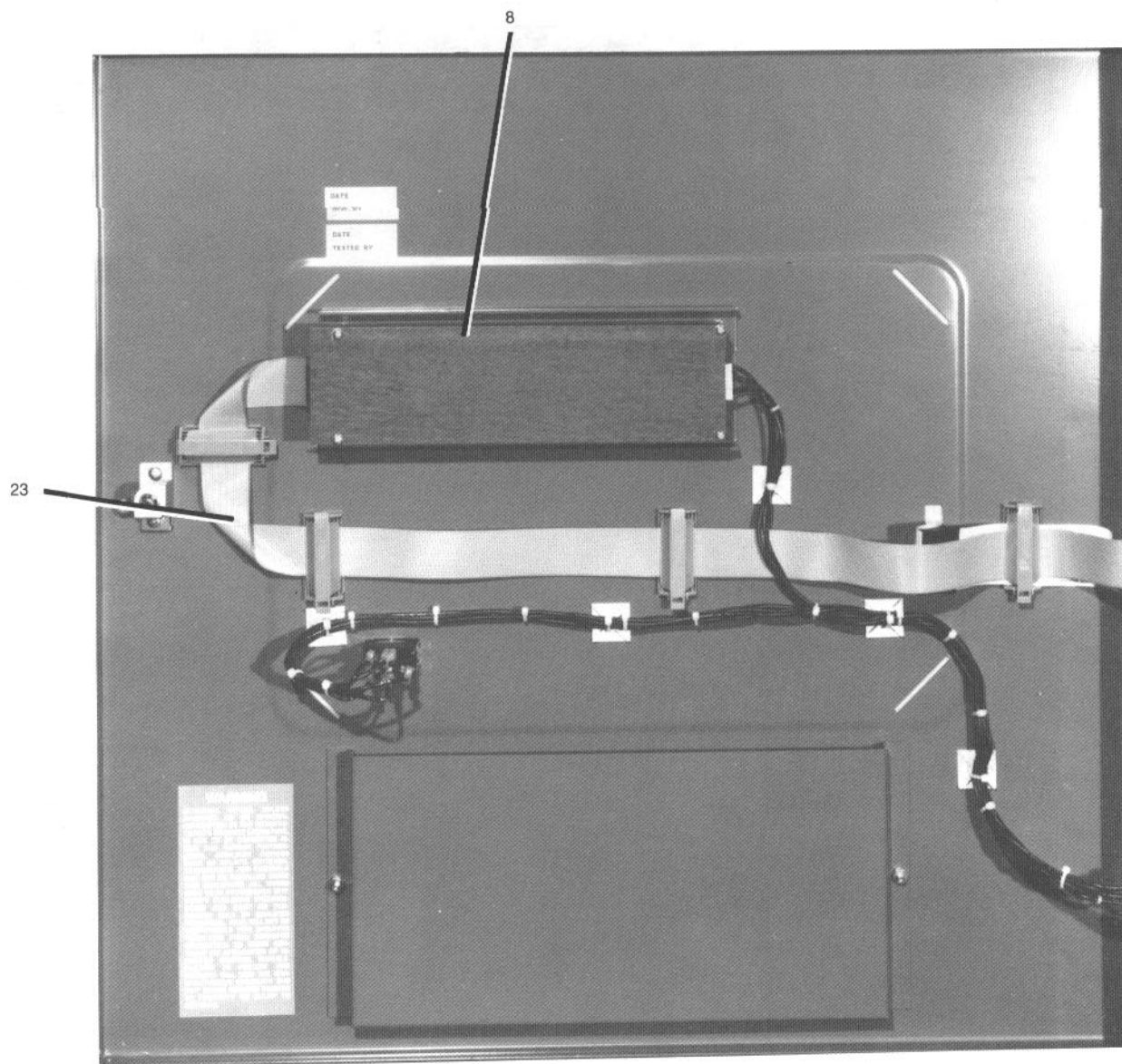


FIG.2

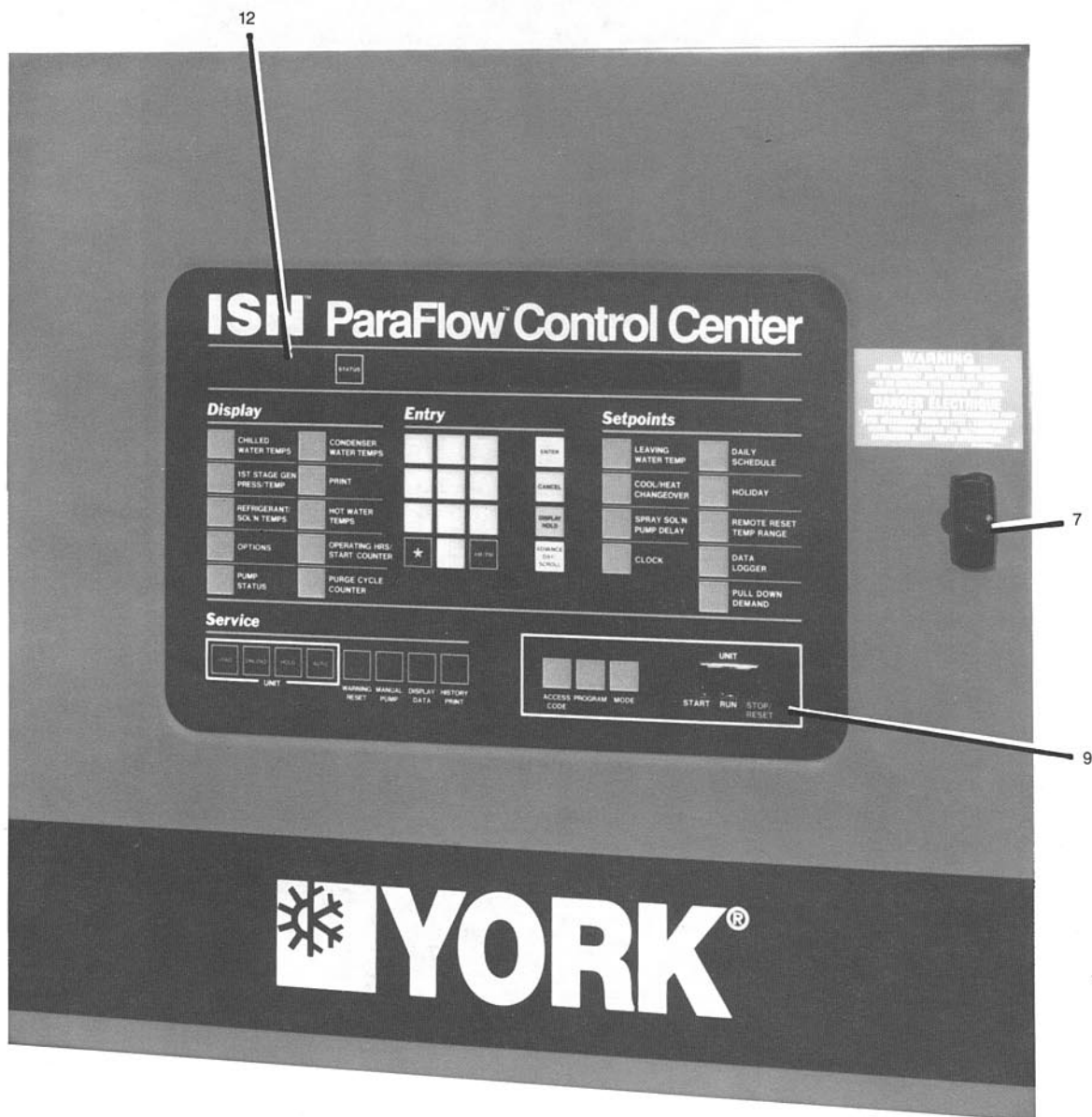


FIG.3

PUMP MOTOR CONTACTORS

PUMP MFR	STARTER	PUMP	VOLTAGE CODE	UNIT SIZE										
				15GL	16G	16GL	17G	18G	19G	19GL	20G	21G	22G	22GL
BUFFALO	1M	SOLUTION P1	17	024-25585-000	024-25585-000	024-25585-000	024-25585-000	024-25585-000	024-25585-000	024-25585-000	024-25585-000	024-25585-000	024-25585-000	024-25585-000
			28	024-25585-000	024-25585-000	024-25585-000	024-25585-000	024-25585-000	024-25585-000	024-25585-000	024-25585-000	024-25585-000	024-25585-000	024-25585-000
			46	024-25584-000	024-25584-000	024-25584-000	024-25584-000	024-25584-000	024-25584-000	024-25584-000	024-25584-000	024-25584-000	024-25584-000	024-25584-000
	2M	REFRIGERANT P3	17	024-25526-000	024-25526-000	024-25526-000	024-25526-000	024-25526-000	024-25526-000	024-25526-000	024-25526-000	024-25526-000	024-25526-000	024-25526-000
			28	024-25526-000	024-25526-000	024-25526-000	024-25526-000	024-25526-000	024-25526-000	024-25526-000	024-25526-000	024-25526-000	024-25526-000	024-25526-000
			46	024-25521-000	024-25521-000	024-25521-000	024-25521-000	024-25521-000	024-25521-000	024-25521-000	024-25521-000	024-25521-000	024-25521-000	024-25521-000
	3M	PURGE	17	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000
			28	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000
			46	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000
	4M	SPRAY PUMP 1 (WEAK SOLUTION) P4	17							024-25526-000	024-25526-000	024-25526-000	024-25526-000	024-25526-000
			28							024-25526-000	024-25526-000	024-25526-000	024-25526-000	024-25526-000
			46							024-25521-000	024-25521-000	024-25521-000	024-25521-000	024-25521-000
	5M	SPRAY PUMP 2 (STRONG SOLUTION) P2	17							024-25526-000	024-25585-000	024-25526-000	024-25526-000	024-25526-000
			28							024-25526-000	024-25585-000	024-25526-000	024-25526-000	024-25526-000
			46							024-25521-000	024-25584-000	024-25521-000	024-25521-000	024-25521-000
NIKKISO	1M	SOLUTION P1	17	024-25584-000	024-25583-000	024-25583-000	024-25583-000	024-25585-000	024-25585-000	024-25583-000	024-25585-000	024-25585-000	024-25585-000	024-25585-000
			28	024-25584-000	024-25583-000	024-25583-000	024-25583-000	024-25584-000	024-25584-000	024-25583-000	024-25585-000	024-25585-000	024-25585-000	024-25585-000
			46	024-25526-000	024-25584-000	024-25584-000	024-25584-000	024-25584-000	024-25584-000	024-25584-000	024-25584-000	024-25584-000	024-25584-000	024-25584-000
	2M	REFRIGERANT P3	17	024-25522-000	024-25521-000	024-25521-000	024-25521-000	024-25521-000	024-25521-000	024-25521-000	024-25521-000	024-25526-000	024-25526-000	024-25526-000
			28	024-25522-000	024-25521-000	024-25521-000	024-25521-000	024-25521-000	024-25521-000	024-25521-000	024-25521-000	024-25526-000	024-25526-000	024-25526-000
			46	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25526-000	024-25526-000	024-25526-000
	3M	PURGE	17	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000
			28	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000
			46	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000	024-25522-000
	4M	SPRAY PUMP 1 (WEAK SOLUTION) P4	17							024-25584-000	024-25521-000	024-25584-000	024-25583-000	024-25583-000
			28							024-25584	024-25521-000	024-25584-000	024-25583-000	024-25583-000
			46							024-25526	024-25522-000	024-25526-000	024-25584-000	024-25584-000
	5M	SPRAY PUMP 2 (STRONG SOLUTION) P2	17							024-25521-000	024-25584-000	024-25584-000	024-25584-000	024-25584-000
			28							024-25521-000	024-25584-000	024-25584-000	024-25584-000	024-25584-000
			46							024-25522-000	024-25526-000	024-25526-000	024-25526-000	024-25526-000

 = Recommended Stock Spare Part
 Contactors Include Suppressors

POWER PANEL

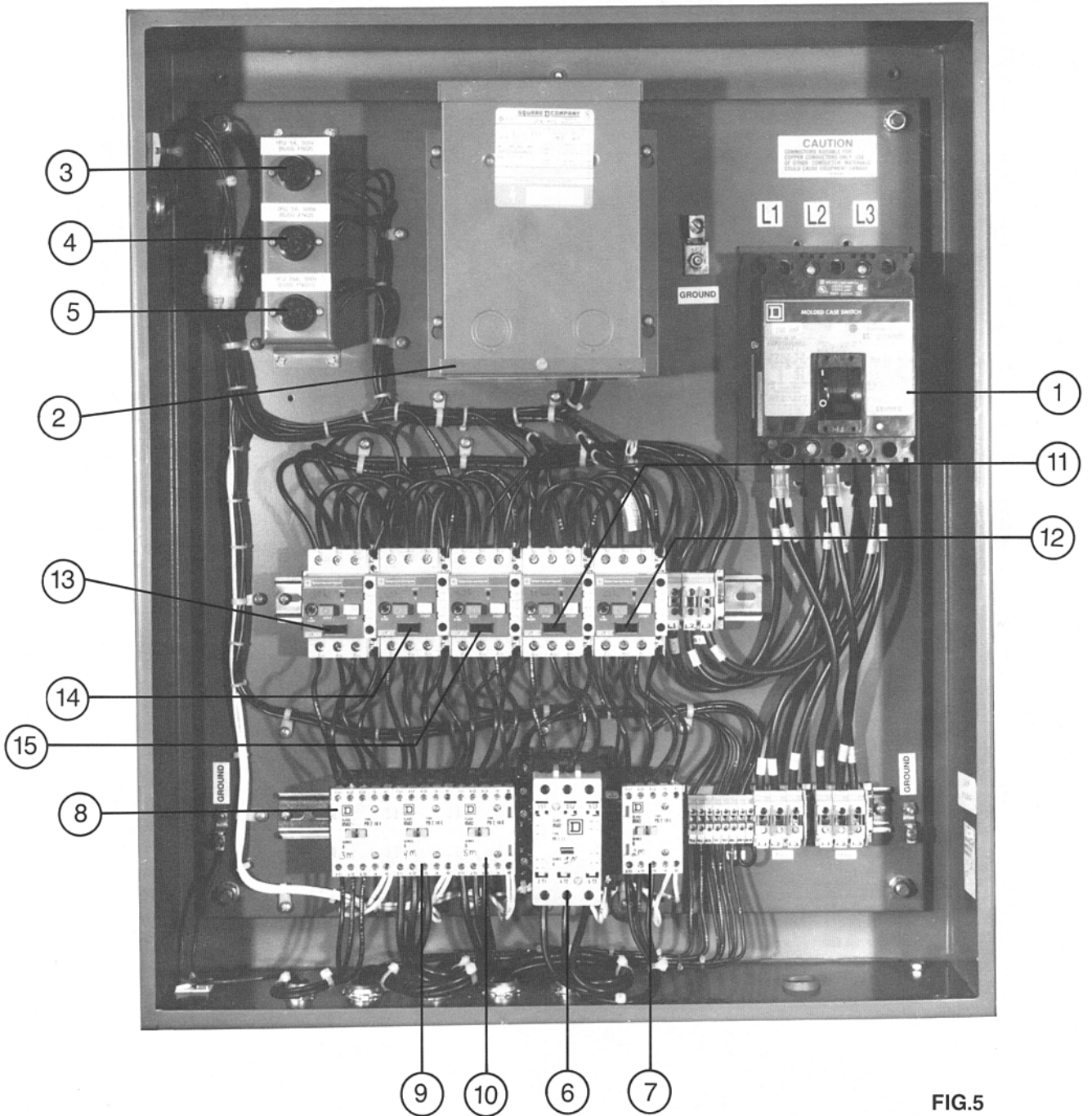


FIG.5

NOTE: Control Panel Shown is for Units with Spray Pumps.

CONTROL COMPONENTS—POWER PANEL (SEE FIG. 5)

Form 155.17-RP1

ITEM NO.	QTY PER UNIT	DESCRIPTION	VOLT CODE	PART NUMBER	UNIT MODEL										
					15GL	16G	16GL	17G	18G	19G	19GL	20G	21G	22G	22GL
1	1	POWER DISCONNECT SWITCH	17	024-25565-000							X	X	X	X	X
			28	024-25575-000	X	X	X	X	X	X					
				024-25565-000						X	X	X	X	X	
				024-25575-000	X	X	X	X	X						
			46	024-25565-000	X	X	X	X	X	X	X	X	X	X	
X = Correct Part No. for Unit Size															
2	1	CONTROL TRANSFORMER	17	025-28664-001											
			28	025-28664-002											
			46	025-28664-002											
3	1	FUSES PRIMARY 1FU (12 Amps)	17	025-27972-000											
			28	025-27971-000											
			46	025-27922-000											
4	1	2FU (12 Amps)	17	025-27972-000											
			28	025-27971-000											
			46	025-27922-000											
5	1	3FU (10 Amps)	ALL	025-27971-000											
6	1	CONTACTORS 1M SOLUTION (P1)		SEE PAGE 7											
7	1	2M REFRIGERANT (P3)													
8	1	3M PURGE													
9	1	4M SPRAY PUMP 1 (P4) (WEAK SOLUTION)													
10	1	5M SPRAY PUMP 2 (P2) (STRONG SOLUTION)													
11	1	OVERLOAD ASSEMBLIES 10L SOLUTION (P1)		SEE PAGE 10											
12	1	20L REFRIGERANT (P3)													
13	1	30L PURGE													
14	1	40L SPRAY PUMP 1 (P4) (WEAK SOLUTION)													
15	1	50L SPRAY PUMP 2 (P2) (STRONG SOLUTION)													

SYSTEM CONTROL COMPONENTS (NOT SHOWN)

ITEM NO.	QTY PER UNIT	DESCRIPTION	TYPE UNIT USED ON	PART NUMBER
1	1	LOW SOLUTION LEVEL SWITCH KIT	DF	225-29922-000
2	1	PRESSURE TRANSDUCER	ALL	025-29907-001
3	1	ISOLATOR (USE WITH ITEM 2)	ALL	026-30229-000
4	1	1st STAGE GENERATOR HIGH PRESSURE CONTROL (CALIBRATED)	ALL	224-25525-058
5	1	1st STAGE HIGH TEMP. CONTROLLER	ALL	025-29995-000
6	1	LOW REFRIG. TEMP. CONTROLLER	ALL	025-29923-000
7	2	TEMPERATURE SENSOR (50K)*	ALL	025-29924-000
8	7	TEMPERATURE SENSOR (3K)	DF	025-28935-000
	5	TEMPERATURE SENSOR (3K)	ST	025-28935-000
9	1	CONTROL RELAY, 3PDT	ALL	024-23962-000
10	1	SUPPRESSOR	DF	031-00808-000
	2	SUPPRESSOR	ST	031-00808-000
11	2	METAL OXIDE VARISTOR	ST	031-01349-000

LEGEND
DF=DIRECT-FIRED UNIT
ST=STEAM UNIT

* Used for 1st Stage Generator Temperature
and Solution Dilution Temperature

PUMP MOTOR OVERLOAD (ASSEMBLIES)

PUMP MFR	OVERLOAD	PUMP	VOLTAGE CODE	UNIT SIZE										
				15GL	16G	16GL	17G	18G	19G	19GL	20G	21G	22G	22GL
BUFFALO	10L	SOLUTION P1	17	024-25581-000	024-25581-000	024-25581-000	024-25581-000	024-25581-000	024-25581-000	024-25581-000	024-25581-000	024-25581-000	024-25581-000	024-25581-000
			28	024-25581-000	024-25581-000	024-25581-000	024-25581-000	024-25581-000	024-25581-000	024-25581-000	024-25581-000	024-25581-000	024-25581-000	024-25581-000
			46	024-25580-000	024-25587-000	024-25587-000	024-25587-000	024-25580-000	024-25580-000	024-25587-000	024-25580-000	024-25580-000	024-25580-000	024-25580-000
	20L	REFRIGERANT P3	17	024-25587-000	024-25587-000	024-25587-000	024-25587-000	024-25587-000	024-25587-000	024-25587-000	024-25587-000	024-25587-000	024-25587-000	024-25587-000
			28	024-25587-000	024-25587-000	024-25587-000	024-25587-000	024-25587-000	024-25587-000	024-25587-000	024-25587-000	024-25587-000	024-25587-000	024-25587-000
			46	024-25578-000	024-25578-000	024-25578-000	024-25578-000	024-25578-000	024-25578-000	024-25578-000	024-25579-000	024-25578-000	024-25579-000	024-25579-000
	30L	PURGE	17	024-25576-000	024-25576-000	024-25576-000	024-25576-000	024-25576-000	024-25576-000	024-25576-000	024-25576-000	024-25576-000	024-25576-000	024-25576-000
			28	024-25576-000	024-25576-000	024-25576-000	024-25576-000	024-25576-000	024-25576-000	024-25576-000	024-25576-000	024-25576-000	024-25576-000	024-25576-000
			46	024-25586-000	024-25586-000	024-25586-000	024-25586-000	024-25586-000	024-25586-000	024-25586-000	024-25586-000	024-25586-000	024-25586-000	024-25586-000
	40L	SPRAY PUMP 1 (WEAK SOLUTION) P4	17							024-25587-000	024-25587-000	024-25587-000	024-25587-000	024-25587-000
			28							024-25587-000	024-25587-000	024-25587-000	024-25587-000	024-25587-000
			46							024-25578-000	024-25579-000	024-25579-000	024-25579-000	024-25579-000
	50L	SPRAY PUMP 2 (STRONG SOLUTION) P2	17							024-25587-000	024-25581-000	024-25587-000	024-25587-000	024-25587-000
			28							024-25587-000	024-25581-000	024-25587-000	024-25587-000	024-25587-000
			46							024-25578-000	024-25580-000	024-25579-000	024-25579-000	024-25579-000
	10L	SOLUTION P1	17	024-25580-000	024-25581-000	024-25581-000	024-25581-000	024-25582-000	024-25582-000	024-25581-000	024-25582-000	024-25582-000	024-25582-000	024-25582-000
			28	024-25580-000	024-25581-000	024-25581-000	024-25581-000	024-25582-000	024-25582-000	024-25581-000	024-25582-000	024-25582-000	024-25582-000	024-25582-000
			46	024-25579-000	024-25580-000	024-25580-000	024-25580-000	024-25581-000	024-25581-000	024-25580-000	024-25581-000	024-25581-000	024-25581-000	024-25581-000
	20L	REFRIGERANT P3	17	024-25578-000	024-25579-000	024-25579-000	024-25579-000	024-25579-000	024-25579-000	024-25579-000	024-25587-000	024-25579-000	024-25587-000	024-25587-000
			28	024-25578-000	024-25579-000	024-25579-000	024-25579-000	024-25579-000	024-25579-000	024-25579-000	024-25587-000	024-25579-000	024-255987-000	024-25587-000
			46	024-25577-000	024-25578-000	024-25578-000	024-25578-000	024-25578-000	024-25578-000	024-25578-000	024-25578-000	024-25578-000	024-25578-000	024-25578-000
	30L	PURGE	17	024-25576-000	024-25576-000	024-25576-000	024-25576-000	024-25576-000	024-25576-000	024-25576-000	024-25576-000	024-25576-000	024-25576-000	024-25576-000
			28	024-25576-000	024-25576-000	024-25576-000	024-25576-000	024-25576-000	024-25576-000	024-25576-000	024-25576-000	024-25576-000	024-25576-000	024-25576-000
			46	024-25586-000	024-25586-000	024-25586-000	024-25586-000	024-25586-000	024-25586-000	024-25586-000	024-25586-000	024-25586-000	024-25586-000	024-25586-000
NIKKISO	40L	SPRAY PUMP 1 (WEAK SOLUTION) P4	17							024-25580-000	024-25587-000	024-25580-000	024-25581-000	024-25581-000
			28							024-25580-000	024-25587-000	024-25580-000	024-25581-000	024-25581-000
			46							024-25579-000	024-25578-000	024-25579-000	024-25580-000	024-25580-000
	50L	SPRAY PUMP 2 (STRONG SOLUTION) P2	17							024-25587-000	024-25580-000	024-25580-000	024-25580-000	024-25580-000
			28							024-25587-000	024-25580-000	024-25580-000	024-25580-000	024-25580-000
			46							024-25578-000	024-25579-000	024-25579-000	024-25579-000	024-25579-000

TUBES

UNIT SIZE	TUBE OPTION	SHELL LOCATION OF TUBES			
		CONDENSER	SECOND STAGE GENERATOR	EVAPORATOR	ABSORBER
15GL	S	007-08000-000	007-08004-000	007-08077-000	007-08015-000
	A	007-08000-000	007-08004-000	007-08077-000	007-08076-000
	B	007-08000-000	007-08004-000	007-07899-000	007-08015-000
	C	007-08000-000	007-08004-000	007-07899-000	007-08076-000
16G	S	007-08000-000	007-08004-000	007-08077-000	007-08076-000
	A	007-08000-000	007-08004-000	007-07899-000	007-07898-000
	B	007-08000-000	007-08004-000	007-07899-000	007-08076-000
	C	007-08000-000	007-08004-000	007-07899-000	007-07898-000
16GL	S	007-08001-000	007-08005-000	007-08079-000	007-08016-000
	A	007-08001-000	007-08005-000	007-08079-000	007-08082-000
	B	007-08001-000	007-08005-000	007-08011-000	007-08016-000
	C	007-08001-000	007-08005-000	007-08011-000	007-08082-000
17G	S	007-08001-000	007-08005-000	007-08079-000	007-08082-000
	A	007-08001-000	007-08005-000	007-08011-000	007-08021-000
	B	007-08001-000	007-08005-000	007-08011-000	007-08082-000
	C	007-08001-000	007-08005-000	007-08011-000	007-08021-000
18G	S	007-08002-000	007-08006-000	007-08080-000	007-08083-000
	A	007-08002-000	007-08006-000	007-08012-000	007-08022-000
	B	007-08002-000	007-08006-000	007-08012-000	007-08083-000
	C	007-08002-000	007-08006-000	007-08012-000	007-08022-000
19G	S	007-08003-000	007-08007-000	007-08081-000	007-08084-000
	A	007-08003-000	007-08007-000	007-08013-000	007-08023-000
	B	007-08003-000	007-08007-000	007-08013-000	007-08084-000
	C	007-08003-000	007-08007-000	007-08013-000	007-08023-000
19GL	S	007-07894-000	007-07895-000	007-08078-000	007-07897-000
	A	007-07894-000	007-07895-000	007-08078-000	007-08085-000
	B	007-07894-000	007-07895-000	007-08014-000	007-07897-000
	C	007-07894-000	007-07895-000	007-08014-000	007-08085-000
20G	S	007-07894-000	007-07895-000	007-08078-000	007-07897-000
	A	007-07894-000	007-07895-000	007-08078-000	007-08085-000
	B	007-07894-000	007-07895-000	007-08014-000	007-07897-000
	C	007-07894-000	007-07895-000	007-08014-000	007-08085-000
21G	S	007-07894-000	007-07895-000	007-08078-000	007-07897-000
	A	007-07894-000	007-07895-000	007-08078-000	007-08085-000
	B	007-07894-000	007-07895-000	007-08014-000	007-07897-000
	C	007-07894-000	007-07895-000	007-08014-000	007-08085-000
22G	S	007-07894-000	007-07895-000	007-08078-000	007-07897-000
	A	007-07894-000	007-07895-000	007-08078-000	007-08085-000
	B	007-07894-000	007-07895-000	007-08014-000	007-07897-000
	C	007-07894-000	007-07895-000	007-08014-000	007-08085-000
22GL	S	007-07894-000	007-07895-000	007-08078-000	007-07897-000
	A	007-07894-000	007-07895-000	007-08078-000	007-08085-000
	B	007-07894-000	007-07895-000	007-08014-000	007-07897-000
	C	007-07894-000	007-07895-000	007-08014-000	007-08085-000

PUMPS

BUFFALO (208-230/460-3-60)						
UNIT SIZE	BUFFALO PUMP		REFRIGERANT PUMP (P3)	SOLUTION PUMP (P1)	YORK PART NUMBER	
	PART NO.	SIZE			WEAK SOLUTION PUMP #1 (P4)	STRONG SOLUTION PUMP #2 (P2)
15GL	YK709-03 YK8011-04	66M 709 66M 709	026-32304-014	026-32304-006		
16G	YK709-04 YK8011-05	66M 709 215R 8011	026-32304-015	026-32304-007		
16GL	YK709-04 YK8011-05	66M 709 215R 8011	026-32304-015	020-32304-007		
17G	YK709-04 YK8011-05	66M 709 215R 8011	026-32304-015	026-32304-007		
18G	YK709-04 YK8011-08	66M 709 215Z 8011	026-32304-015	026-32304-010		
19G	YK709-04 YK8011-08	66M 709 215Z 8011	026-32304-15	026-32304-010		
19GL	YK709-04 YK8011-06 YK709-01 YK709-02	66M 709 215R 8011 66M 709 66M 709	026-32304-015	026-32304-008	026-32304-002	026-32304-005
20G	YK8011-12 YK8011-09 YK8011-01 YK8011-11	66V 8011 215Z 8011 66V 8011 215Z 8011	026-32304-016	026-32304-011	026-32304-001	026-32304-013
21G	YK709-04 YK8011-10 YK8011-03 YK8011-02	66M 709 215Z 8011 66V 8011 66V 8011	026-32304-015	026-32304-012	026-32304-004	026-32304-003
22G	YK8011-12 YK8011-10 YK8011-07 YK8011-02	66V 8011 215Z 8011 66V 8011 66V 8011	020-32304-016	026-32304-012	026-32304-009	026-32304-003
22GL	— — — —	— — — —	—	—	—	—

NIKKISO (208-230/460-3-60)						
UNIT SIZE	NIKKISO		REFRIGERANT PUMP (P3)	SOLUTION PUMP (P1)	YORK PART NUMBER	
	MODEL NO.				WEAK SOLUTION PUMP #1 (P4)	STRONG SOLUTION PUMP #2 (P2)
15GL	S291-0.8E-A SS231-4.5H-A-2		026-32007-030	026-32007-149		
16G	S291-1.5E-A SS491-5.5H-A		026-32007-034	026-32007-073		
16GL	S291-1.5E-A SS491-5.5H-A		026-32007-034	026-32007-073		
17G	S291-1.5E-A SS491-5.5H-A		026-32007-034	026-32007-073		
18G	S291-1.5E-A SS491-7.5C-A		026-32007-034	026-32007-077		
19G	S291-1.5E-A SS491-7.5C-A		026-32007-034	026-32007-077		

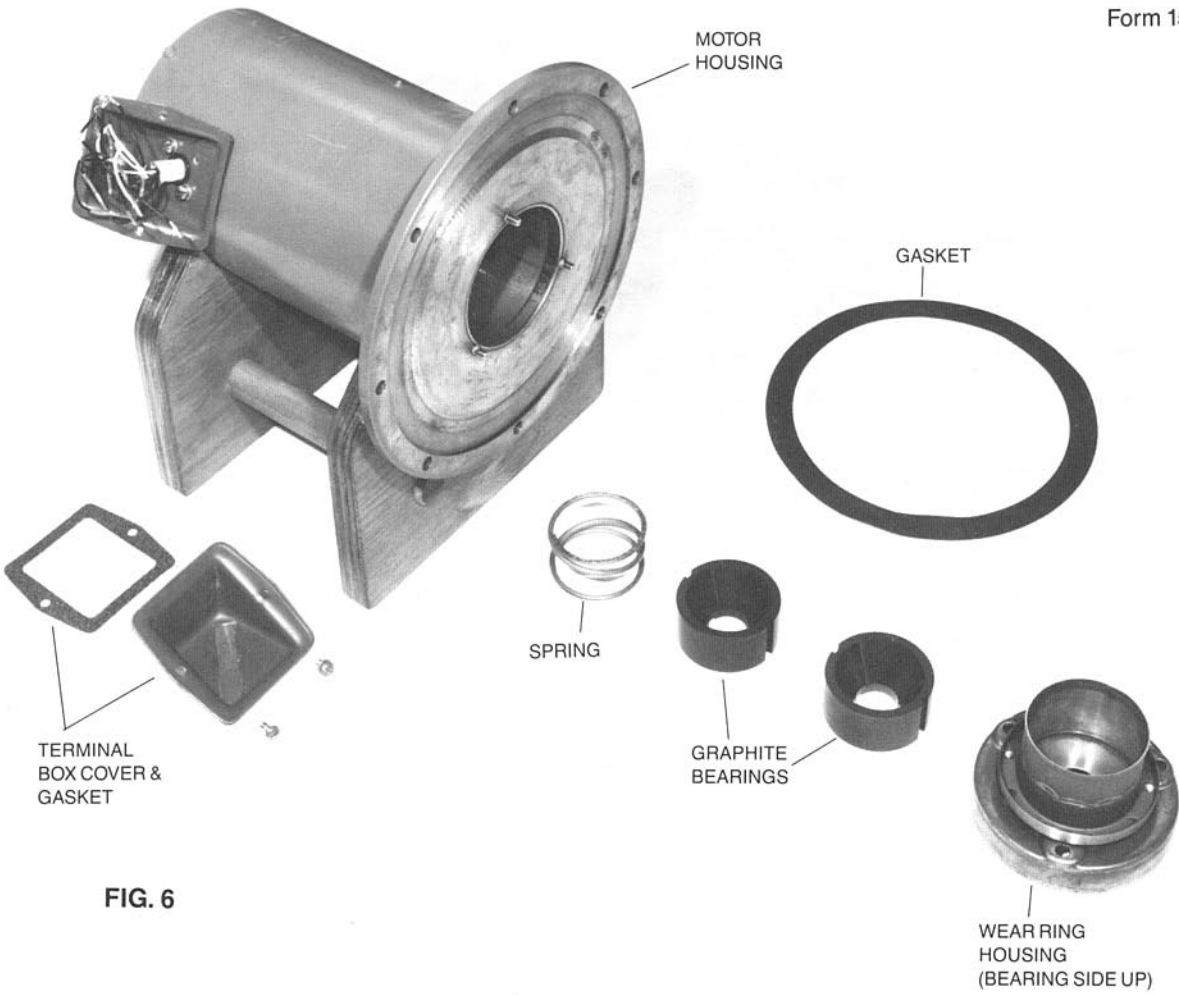


FIG. 6

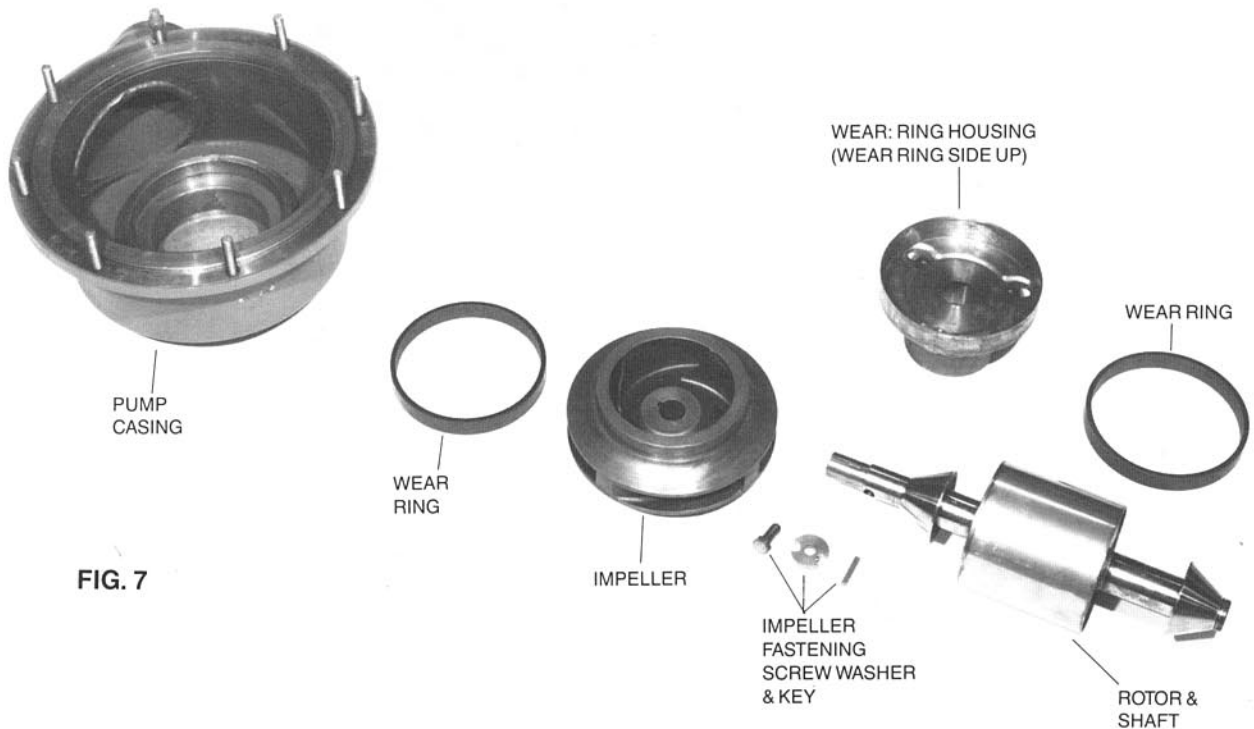


FIG. 7

PUMPS (CONT.)

NIKKISO (208-230/460-3-60) (CONT)					
UNIT SIZE	NIKKISO MODEL NO.	REFRIGERANT PUMP (P3)	YORK PART NUMBER		
			SOLUTION PUMP (P4)	WEAK SOLUTION PUMP #1 (P4)	STRONG SOLUTION PUMP #2 (P2)
19GL	S291-1.5E-A SS491-5.5H-A-1 SS491-3.7H-A-1 S291-2.2H-A-1	026-32007-034	026-32007-123	026-32007-133	026-32007-145
20G	S491-1.5E-A SS491-7.5C-A-2 S491-1.5H-A SS230-3.7H-A-1	026-32007-038	026-32007-132	026-32007-062	026-32007-153
21G	S291-1.5E-A SS491-7.5H-A-1 SS491-3.7H-A-3 SS491-3.7H-A-2	026-32007-034	026-32007-131	026-32007-063	026-32007-140
22G	S491-1.5E-A SS491-7.5H-A-1 SS491-5.5H-A-3 SS491-3.7H-A-2	026-32007-038	026-32007-131	026-32007-124	026-32007-140
22GL	— — — —	—	—	—	—

NOTE: DUAL—VOLTAGE PUMPS ARE TO BE USED AS REPLACEMENTS
FOR ALL PUMPS, INCLUDING SINGLE VOLTAGE PUMPS.

PUMP SERVICE KITS

NIKKISO		
TYPE OF KIT	PUMP MODEL	YORK KIT PART NUMBER
PUMP OVERHAUL KIT*	SS221-5.5	026-32007-011
PUMP OVERHAUL KIT*	SS491-3.7	026-32007-012
PUMP OVERHAUL KIT*	SS491-5.5	026-32007-012
PUMP OVERHAUL KIT*	SS491-7.5	026-32007-012
PUMP OVERHAUL KIT*	SS491-1.5	026-32007-013
PUMP OVERHAUL KIT*	S491-1.5	026-32007-014
NIKKISO		
TYPE OF KIT	PUMP MODEL	YORK KIT PART NUMBER
PUMP OVERHAUL KIT*	S291-0.8	026-32007-008
PUMP OVERHAUL KIT*	S291-1.5	026-32007-008
PUMP OVERHAUL KIT*	S292-0.8	026-32007-008
PUMP OVERHAUL KIT*	S292-1.5	026-32007-008
PUMP OVERHAUL KIT*	S291-2.2	026-32007-009
PUMP OVERHAUL KIT*	S230-3.7	026-32007-010
PUMP OVERHAUL KIT*	SS230-4.5	026-32007-010
PUMP OVERHAUL KIT*	SS231-3.7	026-32007-010
PUMP OVERHAUL KIT*	SS231-4.5	026-32007-010
BUFFALO		
TYPE OF KIT	PUMP MODEL	YORK KIT PART NUMBER
PUMP KIT†	YK709	026-32389-000
PUMP KIT†	YK8011	026-32390-000
MOTOR BEARING KIT††	MOTOR 66M	026-32391-000
MOTOR BEARING KIT††	MOTOR 66V	026-32391-000
MOTOR BEARING KIT††	MOTOR 215R	026-32392-000
MOTOR BEARING KIT††	MOTOR 215Z	026-32392-000

* EACH KIT CONTAINS THE FOLLOWING:

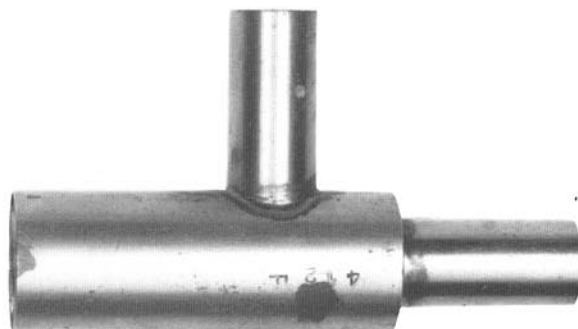
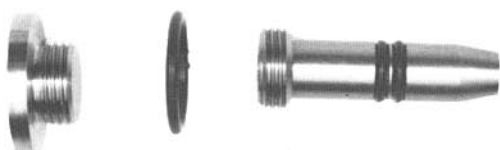
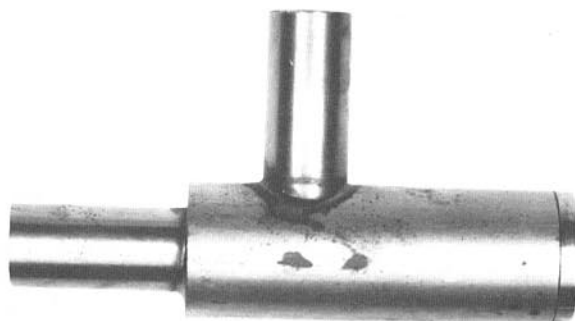
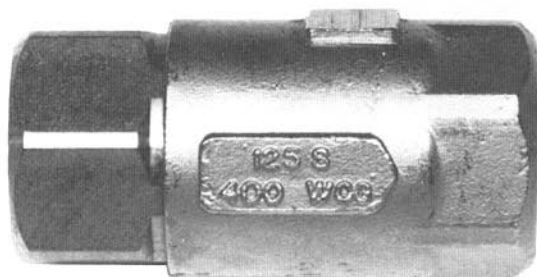
(2) BEARINGS, (2) GASKETS, (2) TAB LOCK WASHERS, (2) SHAFT SLEEVES, (2) THRUST COLLARS, (2 SETS) TEFLON BEARING SHIELDS, (2) ALLEN SCREWS, (2) FIBER ISOLATORS, AND (2) S.S. BEARING SHIELDS

† KIT PUMP SERVICE FOR BUFFALO PUMP MODEL YK709, CONSISTING ONE EACH OF: CASING WEAR RING, MOTOR WEAR RING, IMPELLER LOCKING SCREW, IMPELLER LOCKING WASHER, IMPELLER KEY, AND CASING GASKET.

†† KIT, MOTOR BRG KIT FOR BUFFALO PUMP MOTOR 66M 8 66V, CONSISTING ONE EACH OF: FRONT BEARING, BEARING, BEVN-, 0693-3024, 02/16/93

VALVES

TYPE	SIZE NOMENCLATURE	YORK PART NUMBER
BALL	1/4"	022-08885-001
	3/8"	022-08885-003
	3/4"	022-08885-004
BUTTERFLY (SEE FIG. 8)	4"	022-08877-000
	6"	022-08878-000
CHECK (SEE FIG. 9)	1/2" BALL CONE	022-08880-000
DIAPHRAGM	1/2" WEIR TYPE	022-08869-052
FLOW SETTING (SEE FIG. 10 & 10A)	1/2" AV0200 MODEL TAC 15A	022-08869-002
	1 1/2" AV0400 MODEL TAC 40A	022-08869-000



GLOBE (SEE FIG. 11)	1/2"	MODEL TAC 15A	022-08869-050
	3/4"	MODEL TAC 20A	022-08869-053
	1"	MODEL TAC 25A	022-08869-051
	1 1/2"	GV0100 MODEL TAC 40A	022-08869-028
	2"	GV0200 MODEL TAC 50V	022-08869-030
	2 1/2"	GV0300 MODEL TAC 65V	022-08869-031
	3"	GV0400 MODEL TAC 80A	022-08869-032
	4"	GV0500 MODEL TAC 100A	022-08869-033
NEEDLE (SEE FIG. 12)	3/4"		022-08891-000
	1"		022-08892-000
RELIEF	3/4"		022-08879-000
SAMPLING (SEE FIG. 13 & 13A)	1/2"	AV0100 MODEL TAC 15A	022-08869-001
STEAM CONTROL	2"	W/150# FLANGES	022-08889-000
	2 1/2"	W/150# FLANGES	022-08888-000
	3"	W/150# FLANGES	022-08887-000
	4"	W/150# FLANGES	022-08886-000
	4"	W/300# FLANGES	022-08899-000
STEAM SOLENOID	3/4"		025-29538-002
	1"		025-29538-003
	1 1/4"		025-29538-004



FIG. 11

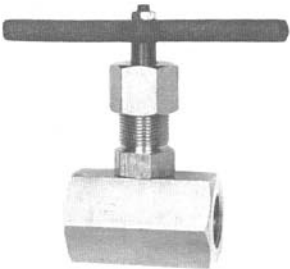


FIG. 12

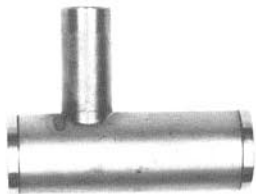


FIG. 13



FIG. 14

See Miscellaneous
Components Item 16.

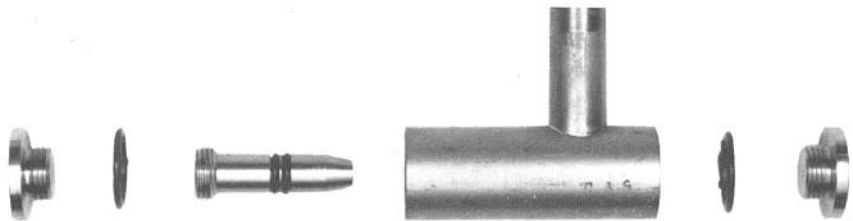


FIG. 13A

WATER HEATER (Direct-Fired Unit Only)

UNIT SIZE	WATER TEMP	PASS	TUBES		WATER HEAD GASKET		CHANNEL GASKET*	
			QUANT	PART NUMBER	QUANT	PART NUMBER	QUANT	PART NUMBER
15GL	STD	1						
	HIGH	2 3 1 2 3						
16G	STD	1	180	007-08024-000	9 FT	028-03242-000		
	HIGH	2 3 1 2 3	336 336	007-08024-000 007-08024-000	11 FT 11 FT	028-03242-000 028-03242-000	2 4	FT 028-09951-000 FT 028-09951-000
16GL	STD	1						
	HIGH	2 3 1 2 3						
17G	STD	1	180	007-08024-000	9 FT	028-03242-000	2	FT 028-09951-000
	HIGH	2 3 1 2 3	180 394 394	007-08024-000 007-08024-000	9 FT 12 FT 12 FT	028-03242-000 028-03242-000	2 2 4	FT 028-09951-000 FT 028-09951-000 FT 028-09951-000
18G	STD	1						
	HIGH	2 3 1 2 3	550 550	007-08024-000 007-08024-000	13 FT 13 FT	028-03242-000 028-03242-000	2.125 4.25	FT 028-09951-000 FT 028-09951-000
19G	STD	1						
	HIGH	2 3 1 2 3	550	007-08024-000	13 FT	028-03242-000	4.25	FT 028-09951-000

*See MISCELLANEOUS COMPONENTS, ITEM 8, ADHESIVE

WATER BOX (150# COMPACT) GASKETS*

UNIT SIZE	EVAP/ABSORB PASS COMBINATIONS	GASKET PART NUMBER(S)	TOTAL LENGTH REQUIRED FOR ALL UNIT WATER BOXES	
			OLD DESIGN	NEW DESIGN
15G THRU 19GL	ALL	028-09951-000	48 FT	52 FT
20 G	2E/1A	028-03242-000 028-09951-000		57 FT 2.5 FT
21G	2E/1A	028-03242-000 028-09951-000		64 FT 3 FT
22G	2E/1A	028-03242-000 028-09951-000		74 FT 2 FT

*See MISCELLANEOUS COMPONENTS, ITEM 8, ADHESIVE

MISCELLANEOUS COMPONENTS

ITEM	DESCRIPTION	PART NUMBER
1.	LITHIUM BROMIDE SOLUTION NITRATE INHIBITED, 30 gal Drum	011-00524-001
1A.	LITHIUM BROMIDE SOLUTION, MOLYBDATE INHIBITED, 30 gal Drum	011-00556-000
2.	LITHIUM NITRATE, 1 lb Bag	011-00524-002
2A.	LITHIUM MOLYBDATE, 1 lb Bag	011-00557-000
3.	LITHIUM HYDROXIDE MONOHYDRATE, 5 lb	044-02985-000
4.	ALCOHOL, 18 Liters	011-00524-003
5.	FLOW SWITCH, For Use W/150 # Water Boxes	024-15793-000
6.	FLOW SWITCH, For Use W/300 # Water Boxes	024-12144-000
8.	ADHESIVE, Gasket, 5 oz Tube (For Water Box Gaskets)	013-00995-000
9.	PRIMER (LOKITE PRIMER N), 6 oz Aerosol Can Carib Blue	013-01753-000
10.	PAINT, Touchup, 16 oz Aerosol Can	013-01835-000
11.	SEALANT, Vacuum, 4 oz Can	013-02882-003
12.	SEALANT, PST 567, 250 ml Tube	013-02280-000
13.	VACUUM GREASE, Silicone, 5.3 oz Tube	
14.	VACUUM PUMP OIL 1 Gallon	011-00524-004
15.	SIGHT PLUG, 2" (Threaded)	026-18004-000
16.	RUPTURE DISK, 6" (with gaskets)	026-32007-016
17.	GAUGE, Compound, 3 1/2", 30" Hg-0-30psig	026-32300-000
18.	GAUGE, Compound, 3 1/2", 30" Hg-0-300psig	026-03952-000
28.	ABSOLUTE PRESSURE GAUGE, Glass Mercury-Filled U-Tube, 5" Std cm/mm, Gauge Range 127mm	026-09261-000
29.	ABSOLUTE PRESSURE GAUGE, Dial-Type (Non-Mercury), Gauge Range 0 to 40mm Absolute	026-32396-000
30.	TUBING, Vacuum g x 1/4ID x 5/8OD, Tygon	028-12514-000
31.	VACUUM PUMP	026-32305-000
32.	VACUUM PUMP SEAL KIT	026-32388-000
	LEAK TEST KIT REPLACEMENT PARTS	
32.	POLYPROPYLENE CYLINDER	044-02982-000
33.	PLASTIC TUBING, 72Lg x 3/8OD x 1/4ID	028-05034-000
34.	HOSE, Vacuum Pump 12 x 13/16ID	028-07720-000
35.	ALLEN WRENCH, 22mm, For Spindle Valves	029-20981-000
36.	REFRIGERANT REMOVAL TANK	026-32007-002
37.	THERMOMETER, 0-23F, 12 Inch (Spirit Filled)	026-32364-000
38.	THERMOMETER, 0-500F, 15 Inch (Spirit Filled)	026-32365-000
39.	HYDROMETER KIT, Case and Set of 8 (Items 40 through 47)	026-32366-000
40.	HYDROMETER, .700 to .810 Specific Gravity	026-32366-001
41.	HYDROMETER, .800 to .910 Specific Gravity	026-32366-002
42.	HYDROMETER, .900 to 1.010 Specific Gravity	026-32366-003
43.	HYDROMETER, 1.000 to 1.220 Specific Gravity	026-32366-004
44.	HYDROMETER, 1.200 to 1.420 Specific Gravity	026-32366-005
45.	HYDROMETER, 1.400 to 1.620 Specific Gravity	026-32366-006
46.	HYDROMETER, 1.600 to 1.820 Specific Gravity	026-32366-007
48.	HYDROMETER, 1.800 to 2.000 Specific Gravity	026-32366-008

MISCELLANEOUS GASKETS

ITEM	DESCRIPTION	PART NUMBER
21.	GASKET, Round, 2 5/8", Drain Cooler	028-10386-003
22.	GASKET, Round, 3", Drain Cooler Piping	028-10386-004
23.	GASKET, Round, 3 5/8", Drain Cooler Piping	028-10386-005
24.	GASKET, Round, 4 1/8", Steam Generator to Drain Cooler GASKET, 1st Stage Steam Generator Head	028-10386-006
	UNIT SIZE	
25.	18G, 19G, 20G	028-12517-000
26.	21G	028-12521-000
27.	22G, 22GL	028-12510-000



P.O. Box 1592, York, Pennsylvania USA 17405-1592
Copyright © by York International Corporation 1994
Form 155.17-RP1 (993)
Supersedes 155.17-RP2 (1292)



Subject to change without notice. Printed in USA
ALL RIGHTS RESERVED
OSB 2M 1294 1.00
CODES: ABS, SM, RJM



ParaFlow Service Bulletin

SERVICE

Supersedes:155.17-RP1(SB1)(1294)

595

Form:155.17-RP1 (SB1)

Date : May 4, 1995
To : District Offices
Subject : Renewal Parts (REVISED)
Units Affected : ParaFlow™ Absorption Units

New Spare Parts Available

There are several new items available for ParaFlow units and rather than wait until the RP manual is revised, we are listing them in this Service Bulletin.

Replacement Rupture Disk Gaskets

4 inch disk gaskets: (2 gaskets required) 026-33818-000

6 inch disk gaskets: (2 gaskets required) 026-33819-000

Nikkiso Pump Gaskets (U.S. Made gaskets without purchasing the overhaul kits.)

Nikkiso Model Number	Volute Hsg. Gasket	Motor Hsg. Gasket
S291-.8/1.5	028-12589-000	028-12586-000
SS291-2.2	028-12590-000	028-12586-000
SS230-3.7	028-12590-000	028-12587-000
SS231-3.7	028-12590-000	028-12587-000
SS231-4.5	028-12590-000	028-12587-000
SS221-5.5	028-12591-000	028-12587-000
SS491-3.7	028-12593-000	028-12588-000
SS491-5.5	028-12593-000	028-12588-000
SS491-7.5	028-12593-000	028-12588-000
SS491-1.5	028-12592-000	028-12587-000
S491-1.5	028-12591-000	028-12587-000



YPC Absorption Chiller Repair Parts Bulletin

Parts Bulletin

Supersedes 155.17-RP1 (SB2)(795) Form 155.17-RP1 (SB2)(696)

Date: June 18, 1996
To: District Offices
Subject: Buffalo Pump Repair Kits
Units Affected: ParaFlow™ Absorption Units

The following is a list of the various pump kits which are currently available through the Baltimore Parts Center. This list is for Buffalo Pump kits only. Please refer to Forms 155.17-RP3 (2/95) and 155.17-RP1 (9/93) for available Nikkiso Pump kits. Only the kits will be stocked at the parts center. If a full pump assembly is needed (i.e. pump conversion), please notify the parts center in advance so they may order the pump. The new motor with pump repair kits come with multi-voltage motors ; 208/230/460 VAC. Frequencies of either 50 or 60 HZ are available.

1. Using the table below and figures 1 and 2 on the following page, determine the type of repair kit needed.
2. Determine the correct York Part Number from either the pump name plate or the pump sections of Forms 155.17-RP1 (Renewal Parts G-Series Units) and 155.17-RP3 (Renewal Parts S-Series Units).
3. Refer to the tables on pages 3 and 4. Locate the York Part Number of the damaged pump in the left hand column of the appropriate table. Go to the right until the desired pump kit (vertical column) is reached. This is the pump kit number. Tables are divided into G or S series units and by frequency (50 or 60 HZ).
4. Refer to Form 155.17-N4 (Buffalo Pump Service Manual) to install kits.

Parts List (Refer to figures 1 and 2 on following page)

Pump Repair Kit		Motor Bearing Repair Kit		New Motor / Pump Repair Kit		Casing Gasket	
Item#	Part	Item#	Part	Item#	Part	Item#	Part
9	Casing Wearing Ring	9	Casing Wearing Ring	9	Casing Wearing Ring	65	Casing Gasket Kit ¹
10	Motor Side Wearing Ring	10	Motor Side Wearing Ring	10	Motor Side Wearing Ring		
15A	Impeller Locking Screw	15A	Impeller Locking Screw	15A	Impeller Locking Screw		
16B	Impeller Locking Washer	16B	Impeller Locking Washer	16B	Impeller Locking Washer		
17	Feather Key, Impeller	17	Feather Key, Impeller	17	Feather Key, Impeller		
65	Casing Gasket Kit ¹	65	Casing Gasket Kit ¹	65	Casing Gasket Kit ¹		
		210A	Bearing	201	Motor (Multi Voltage)		
		210	Bearing (Front End)				

1- Includes an "O" ring gasket and a flat gasket (Use only one as found in pump).

Buffalo Kits and Pumps are available only through the Baltimore Parts Center (1-800-932-1701).

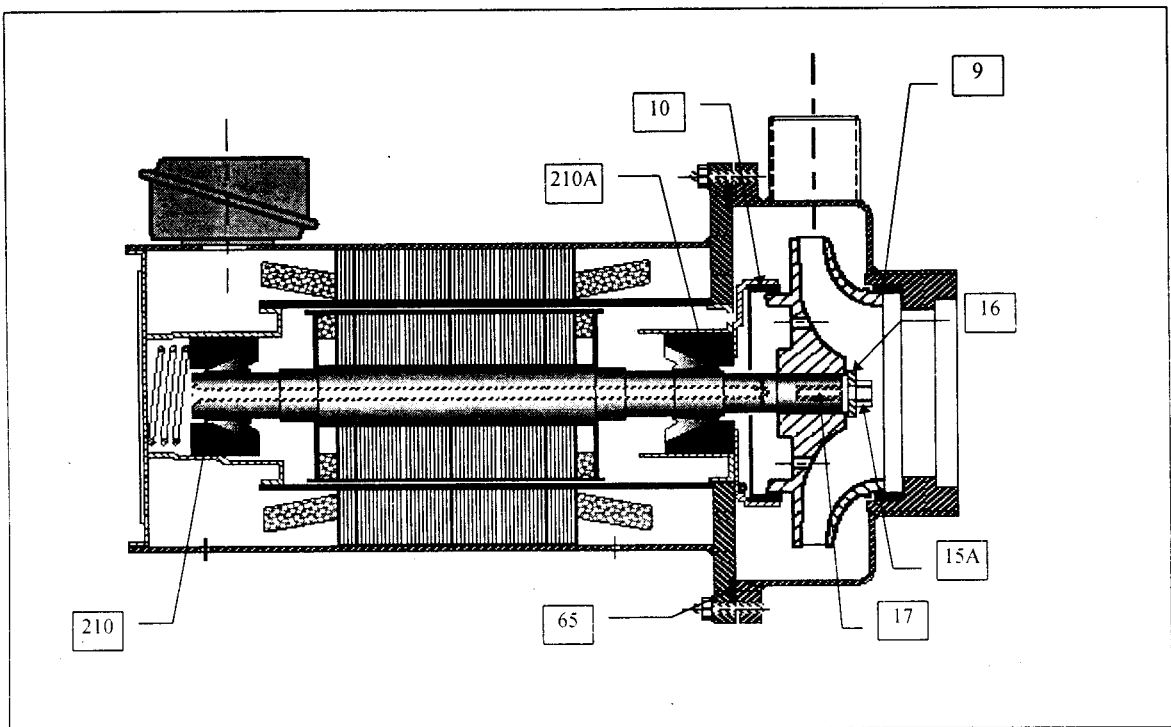


Fig. 1 - Single Ended Pump Diagram

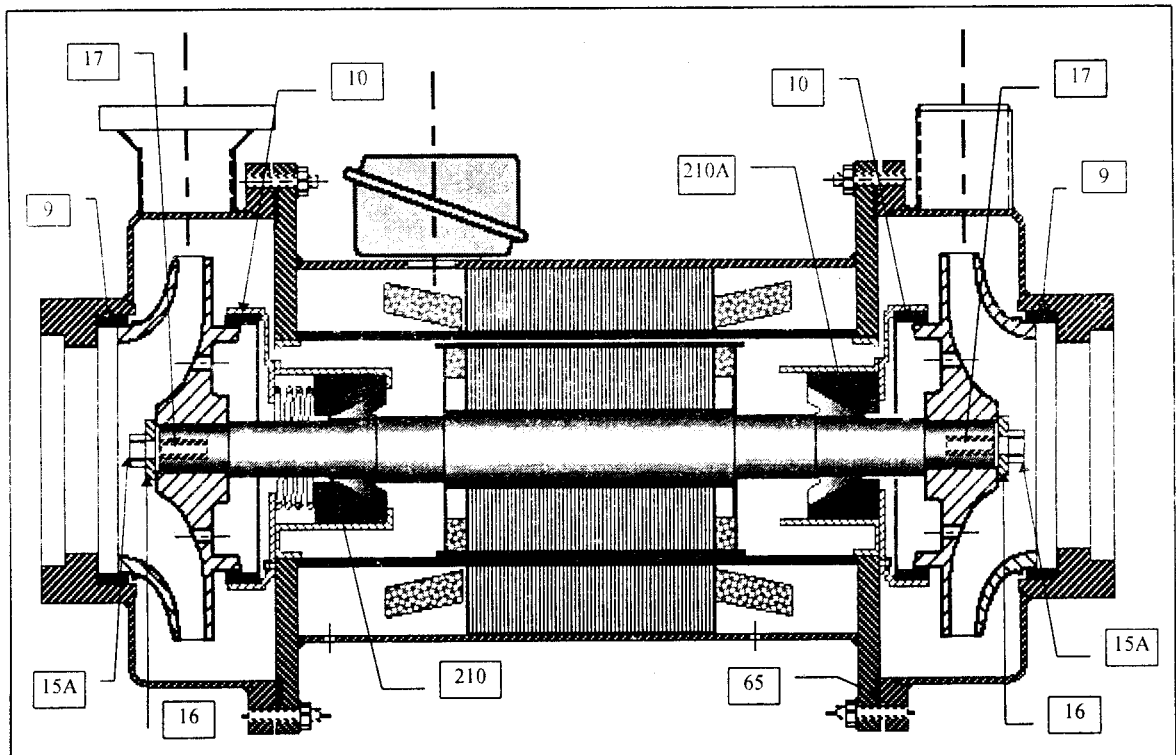


Fig. 2 - Double Ended Pump Diagram

ParaFlow™ G Unit Buffalo Pump Repair Kits

York Pump Part #	Buffalo Pump #	Repair Kits			
60 HZ		Pump	Motor	New Motor w/ Pump	Casing Gasket
026-32304-001	YK8011-01	026-32832-000	026-33825-000	024-26935-000	028-12599-000
026-32304-002	YK709-01	026-32389-000	026-32391-000	024-26934-000	028-12700-000
026-32304-003	YK8011-02	026-32832-000	026-33825-000	024-26935-000	028-12599-000
026-32304-004	YK8011-03	026-32832-000	026-33825-000	024-26935-000	028-12599-000
026-32304-005	YK709-02	026-32389-000	026-32391-000	024-26934-000	028-12700-000
026-32304-006	YK8011-04	026-32390-000	026-32392-000	024-26937-000	028-12599-000
026-32304-007	YK8011-05	026-32390-000	026-32392-000	024-26936-000	028-12599-000
026-32304-008	YK8011-06	026-32390-000	026-32392-000	024-26936-000	028-12599-000
026-32304-009	YK8011-07	026-32832-000	026-33825-000	024-26935-000	028-12599-000
026-32304-010	YK8011-08	026-32390-000	026-32392-000	024-26937-000	028-12599-000
026-32304-011	YK8011-09	026-32390-000	026-32392-000	024-26937-000	028-12599-000
026-32304-012	YK8011-10	026-32390-000	026-32392-000	024-26937-000	028-12599-000
026-32304-013	YK8011-11	026-32390-000	026-32392-000	024-26936-000	028-12599-000
026-32304-014	YK709-03	026-32389-000	026-32391-000	024-26934-000	028-12700-000
026-32304-015	YK709-04	026-32389-000	026-32391-000	024-26934-000	028-12700-000
026-32304-016	YK8011-12	026-32832-000	026-33825-000	024-26935-000	028-12599-000
026-32304-022	YK8011-16	026-32390-000	026-32392-000	024-26937-000	028-12599-000
50 HZ					
026-32378-001	YK8011-01-1	026-32832-000	026-33825-000	026-33843-000	028-12599-000
026-32378-002	YK709-01-1	026-32389-000	026-32391-000	026-33842-000	028-12700-000
026-32378-003	YK8011-02-1	026-32832-000	026-33825-000	026-33843-000	028-12599-000
026-32378-004	YK8011-03-1	026-32832-000	026-33825-000	026-33843-000	028-12599-000
026-32378-005	YK709-02-1	026-32389-000	026-32391-000	026-33842-000	028-12700-000
026-32378-006	YK8011-04-1	026-32390-000	026-32392-000	026-33848-000	028-12599-000
026-32378-007	YK8011-05-1	026-32390-000	026-32392-000	026-33844-000	028-12599-000
026-32378-008	YK8011-06-1	026-32390-000	026-32392-000	026-33844-000	028-12599-000
026-32378-009	YK8011-07-1	026-32832-000	026-33825-000	026-33843-000	028-12599-000
026-32378-010	YK8011-08-1	026-32390-000	026-32392-000	026-33848-000	028-12599-000
026-32378-011	YK8011-09-1	026-32390-000	026-32392-000	026-33848-000	028-12599-000
026-32378-012	YK8011-10-1	026-32390-000	026-32392-000	026-33848-000	028-12599-000
026-32378-013	YK8011-11-1	026-32390-000	026-32392-000	026-33844-000	028-12599-000
026-32378-014	YK709-03-1	026-32389-000	026-32391-000	026-33842-000	028-12700-000
026-32378-015	YK709-04-1	026-32389-000	026-32391-000	026-33842-000	028-12700-000
026-32378-016	YK8011-12-1	026-32832-000	026-33825-000	026-33843-000	028-12599-000
026-32378-022	YK8011-16-1	026-32390-000	026-32392-000	026-33848-000	028-12599-000

ParaFlow™ S Unit Buffalo Pump Repair Kits

York Pump Part #	Buffalo Pump #	Repair Kits			
		Pump	Motor	New Motor w/ Pump	Casing Gasket
60 HZ					
026-33600-001	P8-106	026-33828-000	026-33826-000	024-26938-000	028-12913-000
026-33600-002	P8-106	026-33828-000	026-33826-000	024-26938-000	028-12913-000
026-33600-003	66M-709	026-32389-000	026-32391-000	024-26934-000	028-12700-000
026-33600-004	66M-709	026-32389-000	026-32391-000	024-26934-000	028-12700-000
026-33601-001	66R-709/609	026-33829-000 ¹	026-33827-000 ²	024-26939-000	028-12914-000 ³
026-33601-002	66V-709/609	026-33829-000 ¹	026-33827-000 ²	024-27206-000	028-12914-000 ³
026-33874-001	215ZB 8011	026-32390-000	026-32392-000	024-26937-000	028-12599-000
026-33874-002	215ZB 8011	026-32390-000	026-32392-000	024-26937-000	028-12599-000
026-33874-003	215ZB 8011	026-32390-000	026-32392-000	024-26937-000	028-12599-000
026-33874-004	66M709	026-32389-000	026-32391-000	024-26934-000	028-12700-000
026-33874-005	66M709	026-32389-000	026-32391-000	024-26934-000	028-12700-000
026-33874-006	215R 8011	026-32390-000	026-32392-000	024-26936-000	028-12599-000
50 HZ					
026-33821-001	P8-106	026-33828-000	026-33826-000	026-33845-000	028-12913-000
026-33821-002	P8-106	026-33828-000	026-33826-000	026-33845-000	028-12913-000
026-33821-003	66R-709	026-32389-000	026-32391-000	026-34458-000	028-12700-000
026-33821-004	66R-709	026-32389-000	026-32391-000	026-34458-000	028-12700-000
026-33822-001	66R-709/609	026-33829-000 ¹	026-33827-000 ²	026-33846-000	028-12914-000 ³
026-33822-002	66V-709/609	026-33829-000 ¹	026-33827-000 ²	026-33847-000	028-12914-000 ³
026-33875-001	215ZB 8011	026-32390-000	026-32392-000	026-34459-000	028-12599-000
026-33875-002	215ZB 8011	026-32390-000	026-32392-000	026-34459-000	028-12599-000
026-33875-003	215ZB 8011	026-32390-000	026-32392-000	026-34459-000	028-12599-000
026-33875-004	66R709	026-32389-000	026-32391-000	026-34458-000	028-12700-000
026-33875-005	66R709	026-32389-000	026-32391-000	026-34458-000	028-12700-000
026-33875-006	215R 8011	026-32340-000	026-32392-000	026-34460-000	028-12599-000

Notes (for double ended pumps):

1. Two each of listed parts
2. Two each of listed parts except one of each motor bearing (1 Set).
3. Includes two "O" ring gaskets and two flat gaskets (use only one per casing as found in pump).

Kits for Double Ended NIKKISO Solution Pump used on 13S and 14S Units

Overhaul Kit: (Hitachi p/n PP8000) 026-33816-000

Insulation Kit (Hitachi p/n PP8001) 026-33817-000

Buffalo Pump

Casing Gasket (215R,215Z,66V 8011 type): 028-12599-000

Casing Gasket (66M 709): 028-12700-000

Note: Recent design pumps use an O-Ring instead of a flat gasket. Both the O-Ring and a gasket will be supplied when ordering either of the above casing gaskets. Use only the one that matches what was in the pump.

Pump Kit (includes impeller wear rings, impeller fastening hardware and gasket for 66V-8011 pump): 026-32832-000

Note: that other pump kits and bearing kits are listed in 155.17-RP1

Diaphragm Valve (1/2 inch SS socket weld type)

Replacement Neoprene Diaphragm: 022-09125-000

Replacement Bonnet Assbly: 022-09126-000

Spindle Valves

Sample Valve O-Ring Repair Kit (caps and spindle): 028-12271-001

1/2 inch Flow Setting Valve O-Ring Repair Kit: 028-12271-002

1 1/2 inch Flow Setting Valve O-Ring Repair Kit: 028-12271-004

Globe Valves (Seal Cap Type)

Repair Kits (includes cap gasket and stem packing)

1.5 inch — 022-08869-029

2 inch — 028-12271-025

2.5 inch — 028-12271-026

3 inch — 028-12271-027

4 inch — 028-12271-028

Honeywell Steam Valve Actuator Motor:

Motor for (2.5, 3 and 4 inch Steam Valves): 024-26512-000



File in ABS, SM Manual(s).

SERVICE BULLETIN

Supersedes: Nothing

Form 155.17-RP1(SB 3)

File with Form: 155.17-RP1

SUBJECT: MICROCOMPUTER CONTROL CENTER (PARAFLOW ABSORPTION UNITS
-"G" SERIES) RENEWAL PARTS LIST UPDATE

CHANGE THE FOLLOWING TO READ:

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>PART NUMBER</u>
4	CONTROL, I/O EXPANSION BOARD	031-01301-001
6	CONTROL, DIGITAL INPUT BOARD (STANDARD UNITS)	031-01621-001
	(VDE UNITS)	031-01621-002


S.L. BAER
ELECTRONICSPRODUCT
SERVICE ENGINEER



File in ABS, SM Manual(s)

SERVICE BULLETIN

Supersedes: Nothing

Form: 155.17-RP1 (SB4)(396)

File with Form: 155.17-RP1

**SUBJECT: MICROCOMPUTER CONTROL CENTER (PARAFLOW ABSORPTION UNITS) -
RENEWAL PARTS UPDATE**

Change TABLE 1 to read as follows:

<u>VERSION</u>	<u>PART NUMBER</u>	<u>APPLICATION</u>
A.01F.06	031-01332-002	Production until March, 1996.
A.01F.07	031-01669-002	Production until March, 1996. Can be used to replace A.01F.06 but requires chilled water flow switch wiring modification; contact YORK SERVICE office for details.


S.L. BAER
ELECTRONICS PRODUCT
SERVICE ENGINEER



Proud Sponsor
of the 1996
U.S. Olympic Team

36USC380

	File in 2SAM, RJM Manual(s)	
SERVICE BULLETIN	Supersedes: Nothing	Form 155.17-RP1 (SB5)
	File with Form: 155.17-RP1	

**SUBJECT: YPC PARAFLOW ABSORPTION CHILLER –
MICROCOMPUTER CONTROL CENTER PARTS LIST REVISION**

Micro Board part number 031-01065-001 will no longer be produced for new production and no longer provided for service replacement when present stock is extinguished. Part number 031-01065-002 will be provided in its place.

Micro Board part number 031-01065-002 is identical to -001 except that a circuit was added to output an oil pump Pulse Width Modulation (PWM) speed command from J10-2 for YK centrifugal chiller applications with variable speed oil pump.



S. L. Baer
YORK Factory Service



File in ABS, 2SAM Manual(s).

SERVICE BULLETIN

Supersedes: Nothing

198

Form 155.17-RP1 (SB6)

File with Form: 155.17-RP1

**Subject: Microcomputer Control Center (Paraflow Absorption) -
Replacement Parts List**

Add the following to the Replacement Parts List:

<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
031-01768-001	Eprom, Simplified Chinese, location U13	1
031-01768-002	Eprom, Simplified Chinese, location U14	1
031-01768-003	Eprom, Traditional Chinese, location U13	1
031-01768-004	Eprom, Traditional Chinese, location U14	1
031-01616-000	PC Board, Chinese language Display	1
031-01653-000	Display, LCD graphic, Chinese language	1
025-27911-000	Transformer, 115Vac/24vac, Chinese display	1
031-01647-000	Cable, ribbon-micro board J6 to Chinese display PC board J1	1
031-01646-000	Cable, ribbon-Chinese display PC board J2 to vacuum florescent display J2	1
031-01645-000	Cable, ribbon-Chinese Display PC board J3 to Chinese LCD display	1
024-27808-000	Keypad, English & Simplified Chinese labeling	1
024-27807-000	Keypad, English & Traditional Chinese labeling	1
371-02401-002*	Kit, retrofit, Simplified Chinese language display	1
371-02401-003*	Kit, retrofit, Traditional Chinese language display	1

Notes:

* Chinese Language Display retrofit kits consist of the following components mounted on a Control Center door:

- 1.) English/Simplified Chinese Keypad (024-27808-000) supplied in kit 371-02401-002; or English/Traditional Chinese Keypad (024-27807-000) supplied in kit 371-02401-003.
- 2.) Switch, rocker - 024-23143-000
- 3.) Fastener, pawl adjust - 021-17252-000
- 4.) Ribbon cables, 031-00950-000, 031-01647-000, 031-01646-000 and 031-01645-000.
- 5.) All door decals

- 6.) Display, vacuum florescent - 031-00775-001
- 7.) Display, Chinese language LCD (031-01653-000) mounted on a printed circuit board (031-01616-000) that is equipped with either Simplified Chinese translation eproms 031-01768-001 (U13) and 031-01768-002 (U14) supplied in kit 371-02401-002; or Traditional Chinese translation eproms 031-01768-003 (U13) and 031-01768-004 (U14) supplied in kit 371-02401-003.
- 8.) Transformer, 115vac/24vac - 025-27911-000.
- 9.) Installation instructions.



S. L. Baer
YORK Factory Service



Proud Sponsor
of the 1998
U.S. Olympic Team

36USC380