

SERVICE PARTS

It is the policy of Coster Engineering to constantly improve its products whenever it is practical to do so.

Coster Engineering must therefore reserve the right to redesign or change its equipment or component parts thereof without incurring the obligation to install or furnish such changes on equipment previously delivered.

INSTRUCTIONS FOR ORDERING PARTS

1. The reference numbers in the illustrations correspond to the numbers shown in the "Reference Number" column in the parts listing. The quantity in the "number required" column is the number of parts used in the accompanying illustration. The term "A/R" for number required indicates "as required" where the quantity may vary. Order all parts by their part number and description.
2. Always mention the identification number of the code and serial numbers found on the name plate of the unit on which the part is to be used. Much delay and confusion can be avoided when correct numbers are specified on parts order and correspondence.
3. Owner, order all parts through your local dealer.
4. Dealers must indicate how to ship; whether by truck, rail freight, express, or parcel post.
5. Collect phone calls are not accepted.
6. Address all orders for parts as follows:

COSTER ENGINEERING
217 E PLUM STREET
MANKATO, MN 56001
PH (844) 975-1100
FAX (507) 549-1101
costerwater.com

INSTRUCTIONS FOR RETURNING PARTS FOR ADJUSTMENT

1. To assure prompt handling of claims, your dealers should follow standard claim and forward claim procedures within thirty (30) days, of any part failure or malfunction believed to be a warranty claim.
2. No returned part will be accepted unless they are transportation prepaid and accompanied by the packing list, copy of the returned goods authorization form, or the packing list copy of the warranty claim form.
3. Parts returned should have a tag attached with sender's name and address clearly printed.

DISCLAIMER

This supplement contains additional information that is specific to units. It is used in conjunction with the basic machine operator's manual which includes safety and operational information.

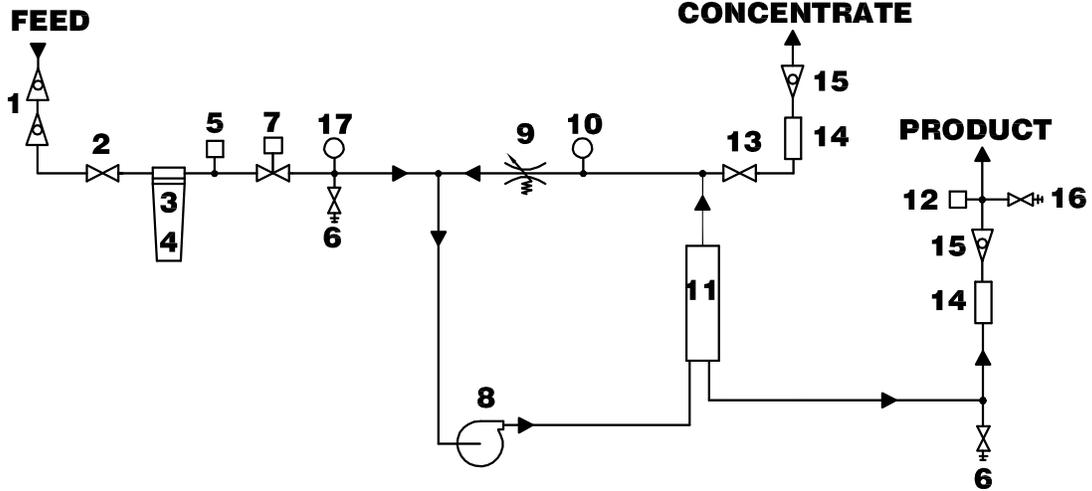
Retain all manuals for future reference. Read all and understand all manuals in their entirety before operation or service.

The information contained in this manual is subject to change without notice.

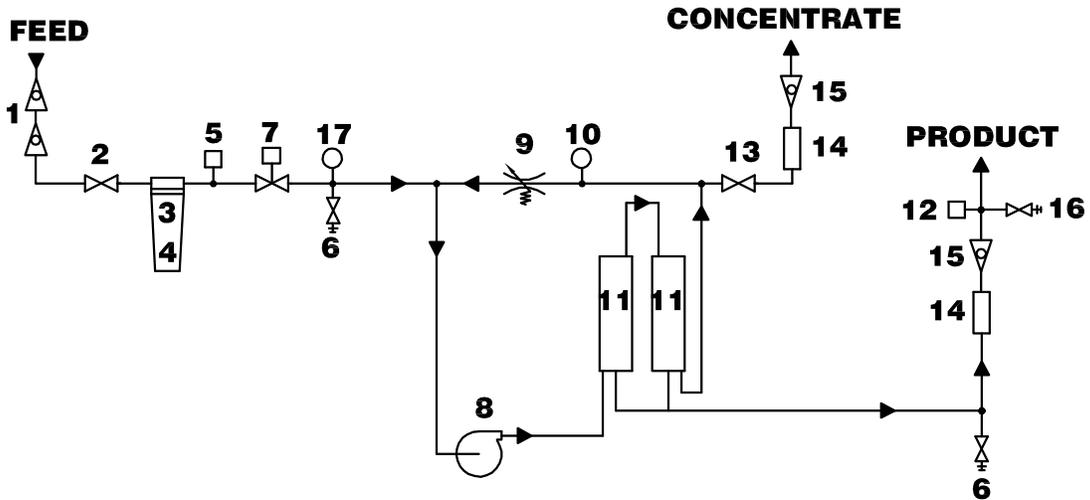
Coster Engineering shall not be liable for technical or editorial omissions made herein; nor for incidental or consequential damages resulting from the furnishing, performance, or use of this material.

**FLOW DIAGRAM
(1 & 2 VESSEL)**

1 VESSEL UNIT



2 VESSEL UNIT

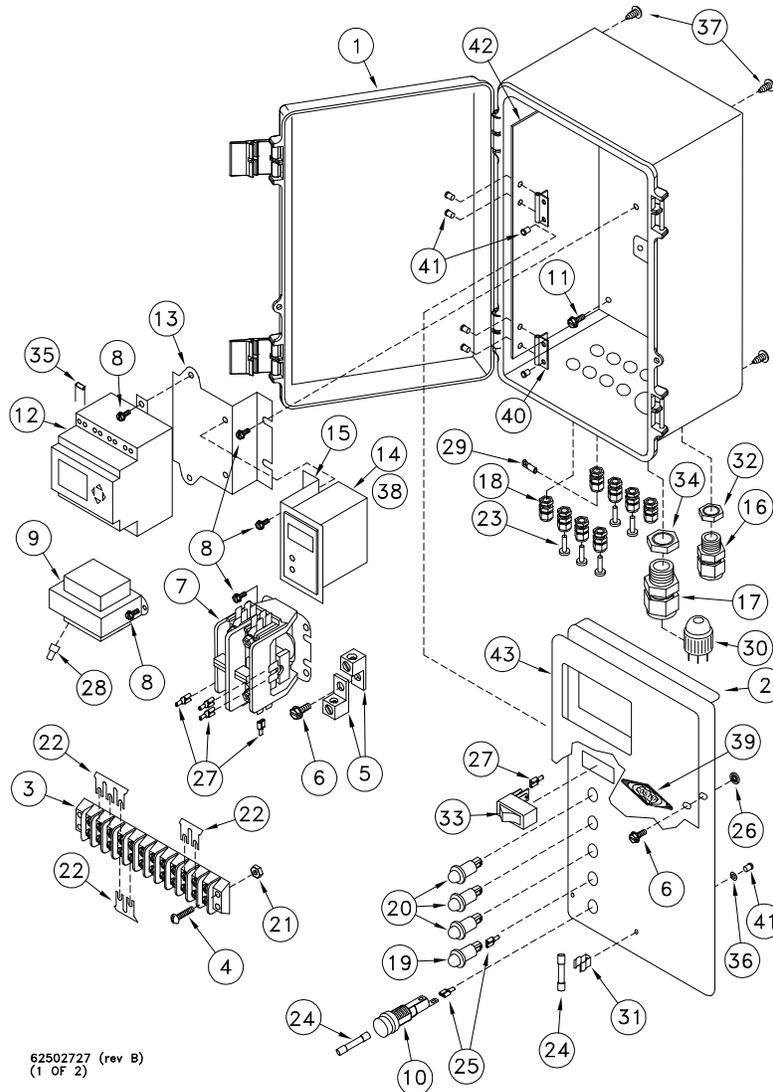


62502798 (REV -)

REF. NO.	PART NUMBER	DESCRIPTION	REF. NO.	PART NUMBER	DESCRIPTION
1	62502595	Valve, 1" Dual Check (Optional)	10	62502622	Gauge, Pressure 300 PSI Lead Free
2	62501440	Ball Valve PVC 3/4	11	62501152	Assembly, 4" Vessel W/Membrane
3	62502338	Filter Housing, 20" Drilled	12	62501594	Pressure Switch, 40-60 PSI
4*	625-004-946	Filter 20" Sediment 5 Micron	13	62501168	Valve, 1/2 Throttle
5	62501593	Pressure Switch, 5-10 PSI	14	62501676	Flowmeter, .2-2 GPM
6	625-004-206	Valve, 1/4 Sample	15	62501963	Check, Valve 1/8" Poly
7	62502690	Valve, Solenoid 24 VAC	16	62501090	100 PSI Relief Valve
8	62502757	Pump, SS Centrifugal 3/4 HP	17	62502627	Gauge 0-100 PSI Lead Free
9	62501568	Relief Valve			

* Recommended Spare Parts. ** Additional Recommended Spare Parts.

ELECTRICAL BOX

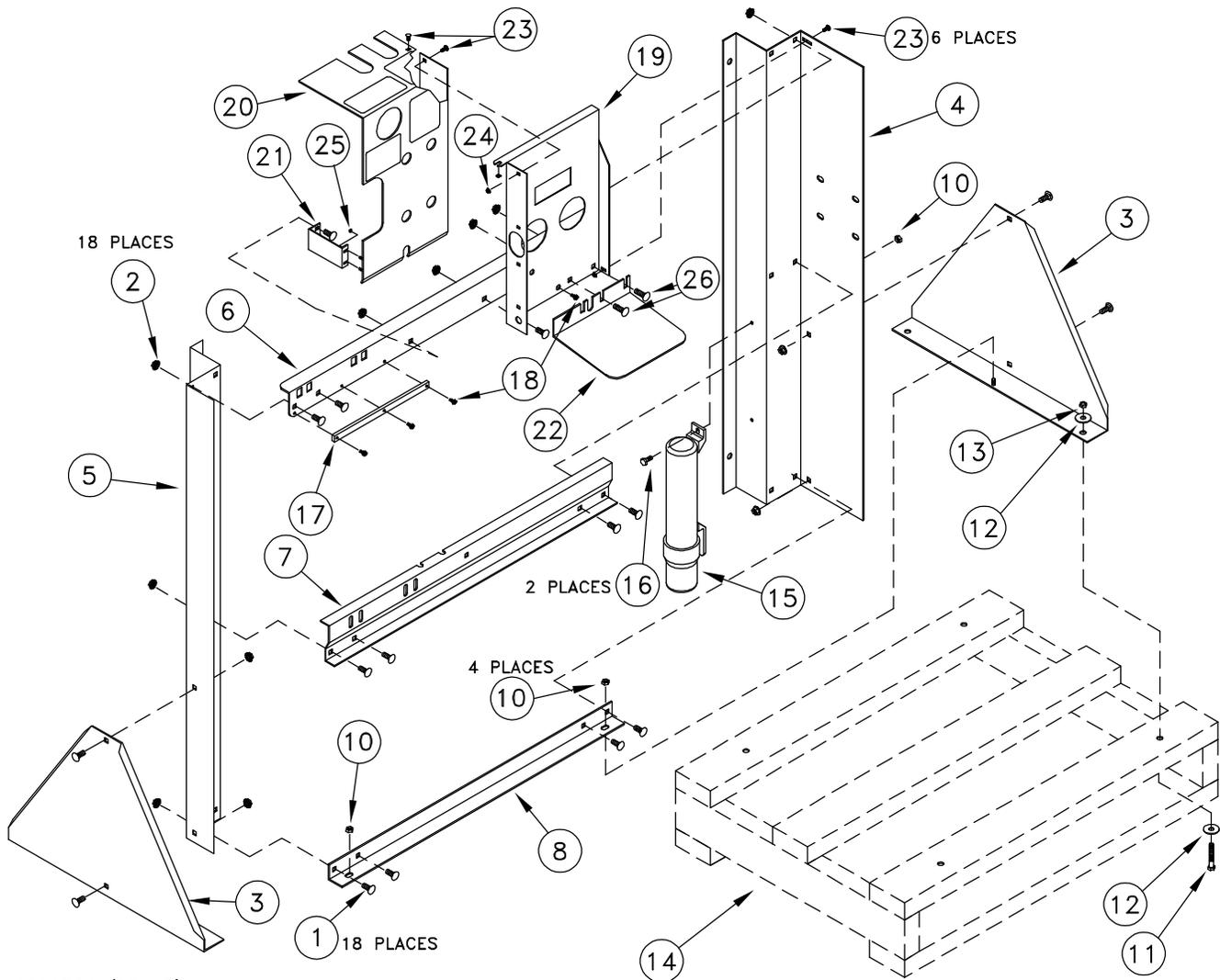


62502727 (rev B)
(1 OF 2)

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	62502726	Box, Electrical Drilled	1	23	62500582	Plug, 1/4	5
2	62502729	Pannel, Elec Box	1	24*	625-005-577	Fuse, 1 A 3 AG	2
3	625-001-265	Term Block, 12 PL	1	25	62500631	Terminal, 3/16 F 22/18 GA.	10
4	950-004-086	Screw, #8-32 x 5/8	2	26	62502734	Retainer, Nylon	1
5	625-001-266	Term Block Ground Lug	2	27	625-005-219	Terminal, 1/4 F Push On	7
6	060905	S-Tap Screw, #10-24 x 1/2	2	28	62500123	Terminal, Solderless Cap	1
7	62501164	Relay, 40/50 A 24 VAC Coil	1	29	625-004-162	Terminal, 1/4 Ring	1
8	950-005-006	Screw, Tap #8 x 3/8	8	30	62501516	Plug 6-15P 15A (220 VAC Units)	1
9	62502423	Transformer, 240/24 VAC	1	30	62502468	Plug, 6-20P 15A (120 VAC Units)	1
10	39207034	Fuse Holder	1	31	62500635	Metal Fuse Clip	1
11	950-004-123	Screw, M5 x 8 Zn	4	32	62501454	Lock Nut 1/2 NPT	1
12	62501250	Relay, PLC w/ Program	1	33	62502526	Switch, Rocker	1
13	62502731	Bracket, Relay	1	34	62501455	Nut 3/4 NPT	1
14	62501119	Meter, TDS (TDS Option)	0	35	62501517	Surge Suppressor 51 V	1
15	62501148	Bracket, TDS (TDS Option)	0	36	952-004-068	Washer .2 x .44 x .04 SS	1
16	62501453	Strain Relief 1/2	1	37	950-005-044	Screw, Self Tapping 10-12 x 1/2	4
17	62501452	Strain Relief 3/4	1	38	62501193	Probe, TDS Meter Optional	1
18	625-001-324	Fitting HEYCO, 1/2	8	39	625-001-030	Decal, Coster Quarter Size	1
19	62502538	LED, 24V Red	1	40	62500763	Hinge, 1 x 3/4 x .035 Butt	2
20	62502733	LED, 24V Green	3	41	954-002-010	Rivet, 1/8 SS	7
21	951-001-012	Nut, Hex #8-32	2	42	62502730	Plate, Electrical Box Mount	1
22	625-004-051	Jumper, Snap Off Style	7	43	62502732	Decal, Instruction Control	1

* Recommended Spare Parts

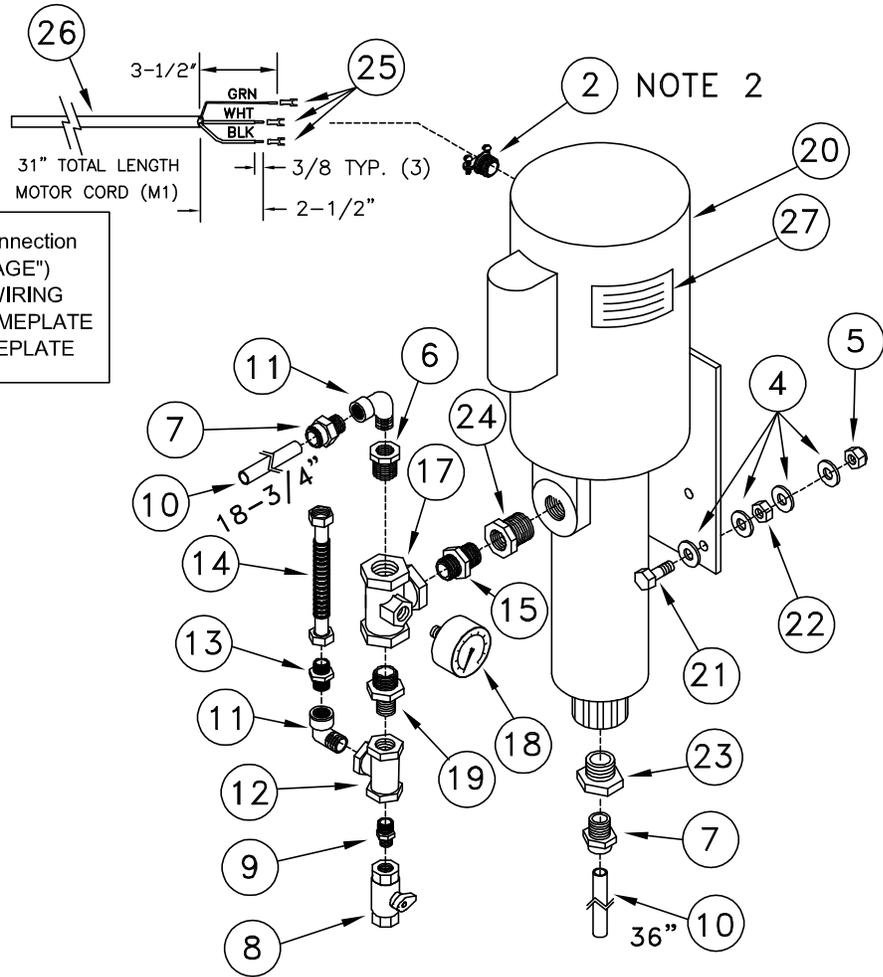
MAIN FRAME



62502786 (REV B)

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	950-003-077	5/16 Carriage Bolt, SS	16	14	62501140	Pallet, Shipping	1
2	951-002-011	5/16 Whiz Nut SS	18	15	79203392	Canister/Operator Manual	1
3	62502367	Brk, Leg CWM	2	16	950-001-334	Hex Bolt, 1/4-20 x 3/4	2
4	62502368	Brk, Side RH CWM	1	17	62502431	Brk, Vessel Spacer	1
5	62502369	Brk, Side LH CWM	1	18	392-010-028	Self Tap 8-32 x 1/2	4
6	62502370	Brk, Top Angle CWM	1	19	62502828	Brk, Electrical With Decal CWM	1
7	62502371	Brk, Mid Angle	1	20	62502801	Brk, Flowmeter W/Decals	1
8	62502372	Brk, Bottom Angle CWM	1	21	62502789	Brk, Flowmeter Support	1
9	N/A			22	62502791	Brk, Drip Cover	1
10	061605	1/4-20 Nylon Lock Nut	4	23	950-003-071	Carriage Bolt, 10-24 x 1/2 SS	6
11	950-001-114	Hex Bolt, 3/8-16 x 2	4	24	951-002-014	10-24 SS Whiz Nut	6
12	061916	Washer, 3/8 SS	8	25	951-003-011	Lock Nut, 8-32 Nylon Insert	2
13	951-005-051	Locknut, 3/8	4	26	950-003-083	5/16-18 x 1 Carriage Bolt SS	2

**PUMP, STANDARD
120 VAC 60 HZ**

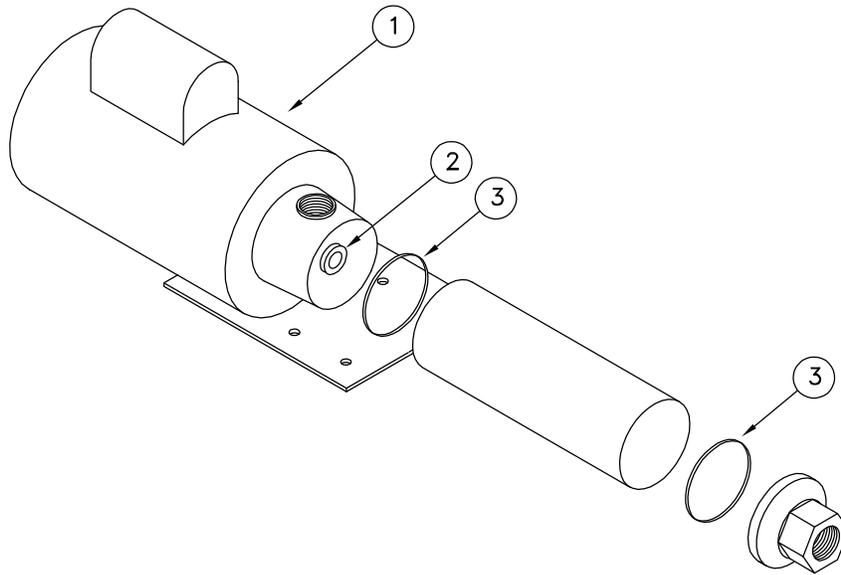


IMPORTANT: Motor Voltage and Cord Connection
 Step 1) Wire motor for 220V ("HIGH VOLTAGE")
 Step 2) Verify Correct INTERNAL MOTOR WIRING
 or SWITCH SETTING per Motor NAMEPLATE
 Step 3) Connect Motor Cord per Motor NAMEPLATE

62502800 (REV A)

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	N/A			15	62500437	Ftg, Nylon Nipple 3/4 x 3/4 MNPT	1
2	625-001-314	Ftg Elec, Romex Connect 3/8	1	16	N/A		
3	N/A			17	62502333	Ftg, Nylon Gauge Tee 3/4	1
4	952-002-013	Washer-Flat 3/8 SS	16	18	62502627	Gauge, 0-100 PSI LF	1
5	951-003-013	Locknut 3/8 UNC Nyl Ins SS Wax	4	19	62501592	Ftg, Nylon Nipple 3/4 x 1/2	1
6	62502435	Ftg Nylon Reduc Bush 3/4 x 1/2	1	20	62502757	Pump, Goulds 7 GPM 3/4 HP (60 Hz Units)	1
7	625-001-672	Ftg, Conn 1/2MPTX 1/2T	2	20	62502777	Pump, Goulds 7 GPM 1 HP (50 Hz Units)	1
8	625-004-206	Valve, 1/4 Ball PVC	1	21	950-001-344	HHCS, 3/8-16 X 1-1/4 SS	4
9	62501653	Ftg, Nylon Nipple 1/2 x 1/4	1	22	061910	Hex Nut, 3/8-16 SS	4
10	62501570	Tubing, Blk 1/2 OD x 3/8 ID	4.6	23	62501170	Ftg, Nylon 1 x 1/2 RB	1
11	62501655	Ftg, Nylon 1/2 Street 90	2	24	62501176	Ftg, Nylon 1 x 3/4 RB	1
12	62501300	Ftg, Nylon Tee 1/2 x 1/2 x 1/2 FPT	1	25	625-002-261	Spade 10-12 Ga Insul #10 Stud	3
13	62501169	Ftg, Nylon Nipple 1/2	1	26	625-001-280	Wire #12/3 Type Sj	2.6
14	62502356	Ftg, SS Conn 1/2 x 1/2 x 16"	1	27	625-004-488	Decal, Caution 120 Vac	1

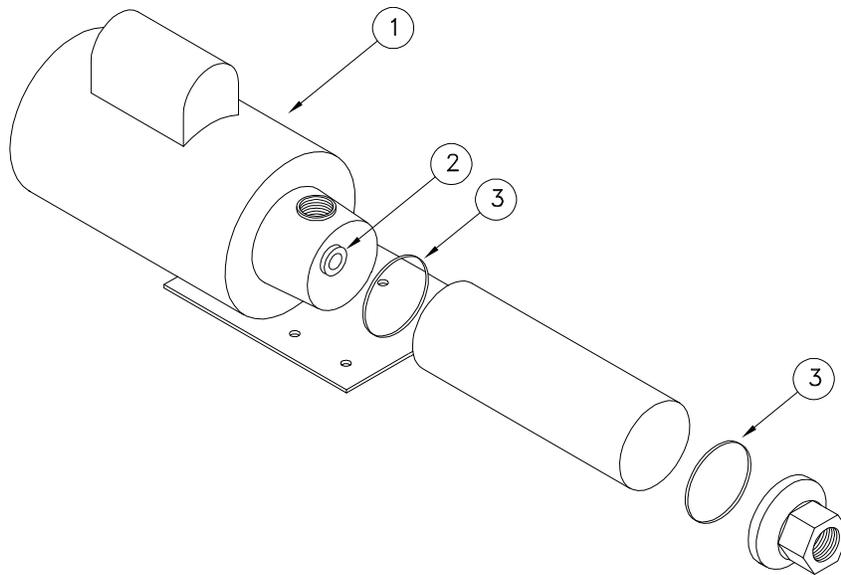
PUMP MODEL 7GBS07114 (60 HZ)



62502757 (rev-)

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	62502758	Motor, 3/4 HP ODP 115/230 56J	1	3	62502756	O-Ring, Viton	2
2	62502754	Seal, Rotary W/Spring	1				

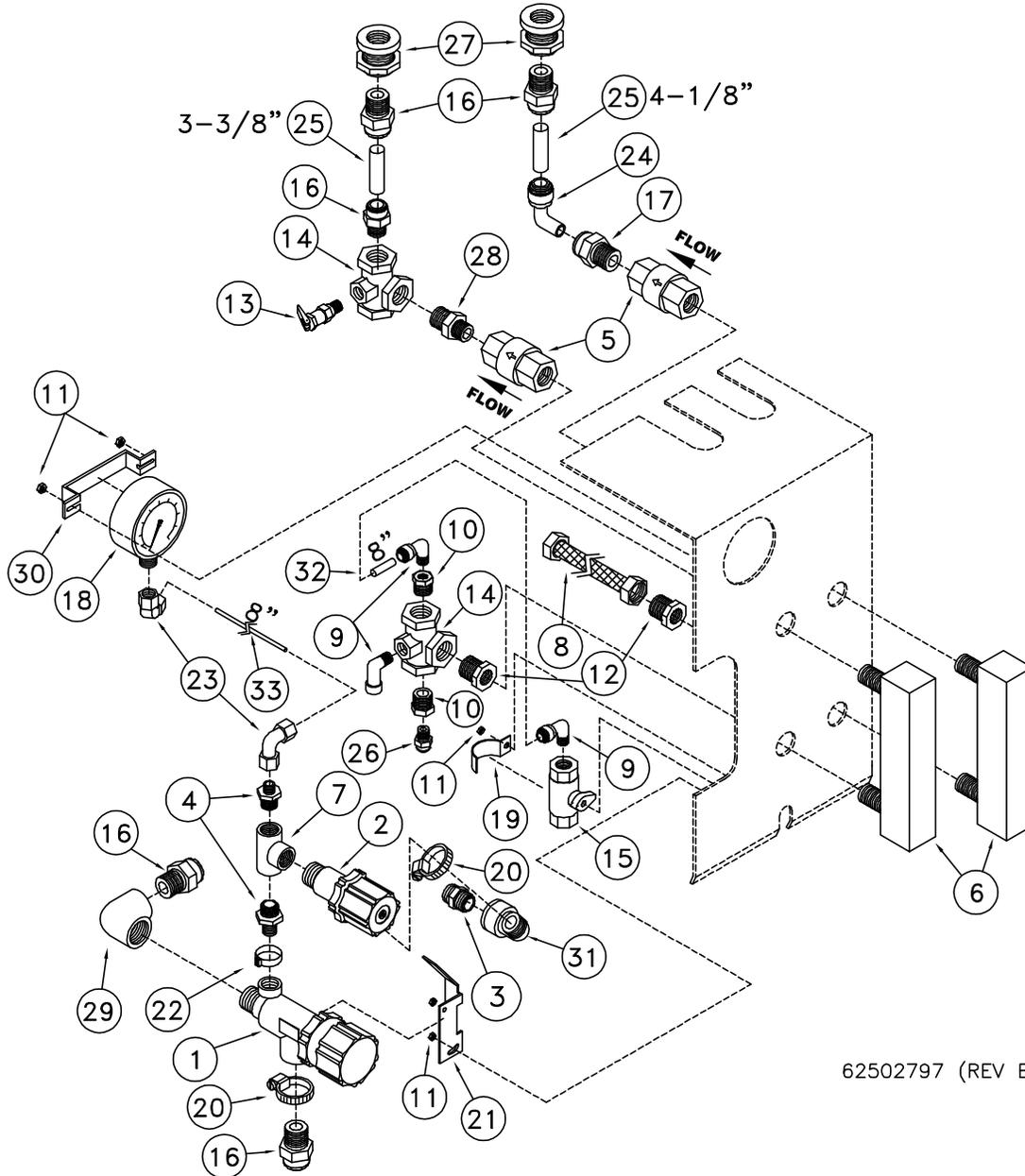
PUMP MODEL 7GBS1021T4 (50 HZ)



62502777 (rev-)

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	62502779	Motor, 1 HP ODB 115/230 56J	1	3	62502756	O-Ring, Viton	2
2	62502754	Seal, Rotary W/Spring	1				

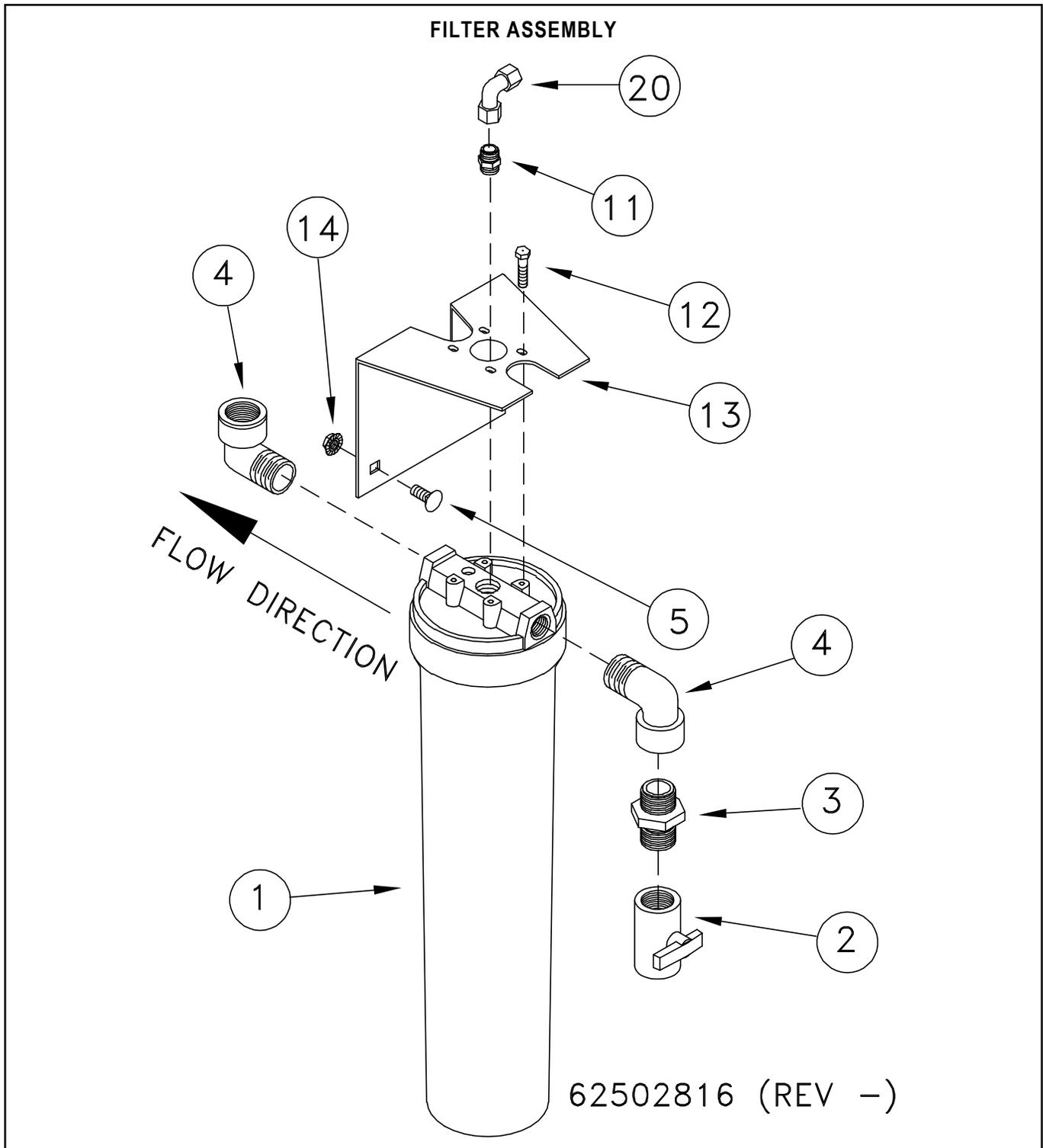
CONCENTRATE/BACK/PRODUCT



62502797 (REV B)

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	62501568	Relief Valve (Item 22 Included)	1	18	62502622	Pressure Gauge, 0-300 PSI LF	1
2	62501168	Valve, Plas 1/2 M x 1/2 F Throttle	1	19	62502817	Clamp, Conduit 3/4"	1
3	62501169	Ftg, Nylon 1/2 x 1/2 MNPT Nipple	1	20	62502799	Hose Clamp 13/16-1 1/2	2
4	62501653	Ftg, Nylon 1/2 x 1/4 MNPT Nipple	2	21	62502792	Brk, Valve Mount CWM	1
5	62501963	Valve, 3/8 Check Poly	2	22	625-002-881	Hose Clamp Stepless, .76-.89	1
6	62501676	Flow Meter, -2-2 GPM	2	23	625-001-690	Ftg, 1/4 F x 1/8 T 90	1
7	62501300	Ftg, Nylon Tee 1/2 x 1/2 x 1/2	1	24	62500556	Ftg, 1/2 Plug In Elbow	1
8	62502793	Ftg, SS Braid Conn 1/2 x 1/2 x 12	1	25	62501570	Tubing, Poly 1/2 OD	0.7
9	62502784	Ftg, 1/4M x 1/4T 90	3	26	625-004-944	John Quest, 1/4 MNPT x 1/4 T	1
10	62501175	Ftg, Nylon RB 1/2 x 1/4	2	27	62502749	Ftg, Bilkhead 1/2 FNPT	2
11	951-003-011	#8-32 Lock Nut	5	28	62501020	Ftg, Nylon 1/2 x 3/8 Nipple	1
12	62502802	Ftg, Nylon RB 1/2 x 3/8	2	29	62501304	Ftg, Nylon EI 1/2 x 1/2 FNPT 90	1
13	62501090	Ftg, Pressure Relief 100 PSI	1	30	62502790	Brk, Press Gauge Mount	1
14	62501599	Ftg, Nylon 1/2 Gauge Tee	2	31	62501655	Ftg, Nylon 1/2 Street Elbow	1
15	625-004-206	Valve, PVC 1/4 x 1/4 FNPT	1	32	625-001-903	Tubing 1/4" PE	0.7
16	625-001-672	Male, Conn 1/2 T x 1/2 MNPT	5	33	625-004-583	Tubing 1/8" Nylon	0.7
17	625-005-976	Ftg, 1/2 T x 3/8 M JG	1				

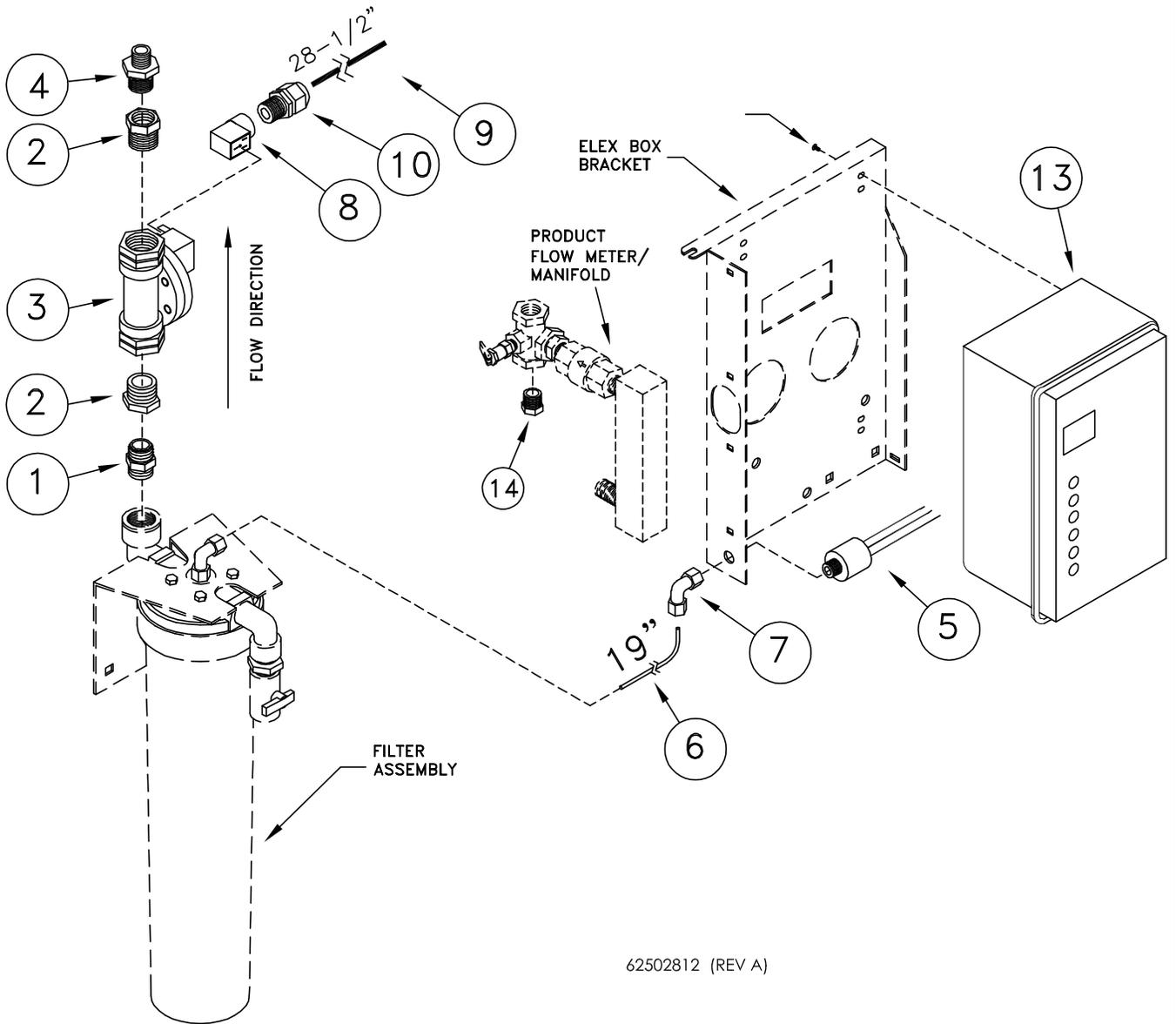
* Recommended Spare Parts. ** Additional Recommended Spare Parts.



REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	62502338	Filter Housing, 20" Drilled	1	11	625-002-953	Ftg, Nylon Nipple 1/4	1
2	62501440	Ball Valve, 3/4 PVC	1	12	950-005-015	S-Tap Screw 1/4-14 x 3/4 Hex	4
3	62500437	Ftg, Nylon Nipple 3/4 MNPT	1	13	62502340	Brk, Filter CWM	1
4	62501443	Ftg, Nylon Street Elbow, 3/4	2	14	951-002-011	Whiz Nut 5/16-18 SS	2
5	950-003-077	Carriage Bolt, 5/16-18 x 5/8 SS	2	15	---		
6	N/A			16	---		
7	N/A			17	---		
8	N/A			18	---		
9	N/A			19	---		
10	N/A			20	625-001-690	Ftg, 1/8 T x 1/4 F 90 Jaco	1

* Recommended Spare Parts. ** Additional Recommended Spare Parts.

FEED SOLENOID / PRESSURE SWITCH / ELECTRICAL BOX ASSEMBLY

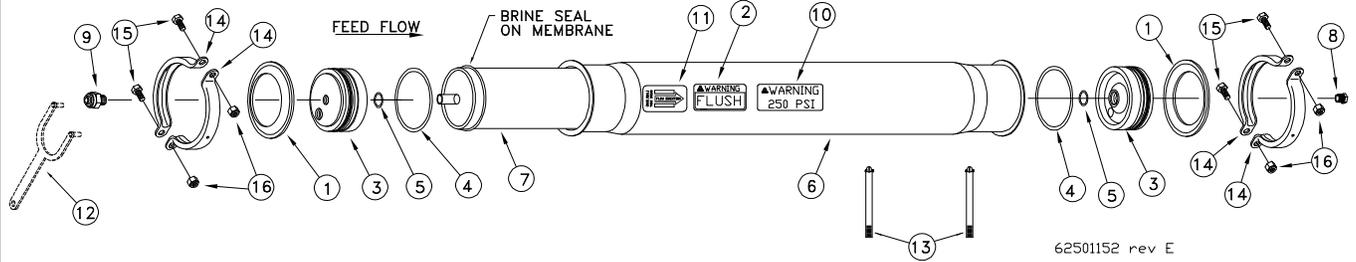


62502812 (REV A)

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	62500437	Ftg, Nylon Nipple 3/4 MNPT	1	9	62502688	Wire, 18/3 Type SVT	2.4
2	62501176	Ftg, Nylon RB 3/4 x 1	2	10	62501453	Strain Relief, 1/2 MNPT	1
3	62502690	Solenoid Valve, 1" 24 VAC	1	11	N/A	N/A	N/A
4	62501592	Ftg, Nylon Nipple 3/4 x 1/2	1	12	N/A	N/A	N/A
5	62502593	Press Switch, SPDT	1	13	62502727	Electrical Box Assembly	1
6	625-004-583	Tubing, 1/8 OD Nylon	1.6	14	62501174	Ftg, Nylon Plug 1/2 MNPT	1
7	625-001-690	Ftg, 1/4 F x 1/8 T Jaco	1	15	62501516	Plug, 6-15P 220VAC (Not Shown)	1
8	62502689	Connector, DIN Solenoid	1	15	62502468	Plug, 6-20P 110VAC (Not Shown)	1

* Recommended Spare Parts. ** Additional Recommended Spare Parts.

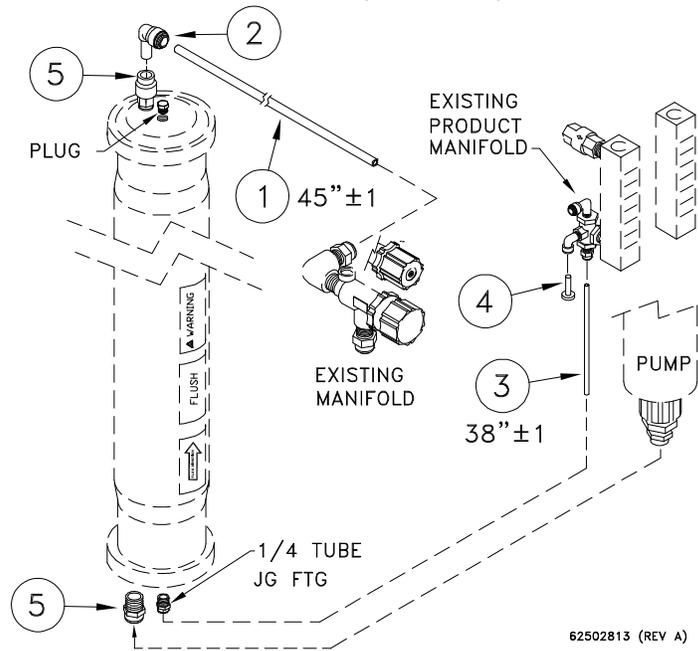
VESSEL ASSEMBLY



REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	62501497	Ring, End Cap Retainer	2	9	625-005-940	Ftg, Conn 3/8 MPT x 1/4 T	1
2	625-004-513	Decal, SBS Flush	1	10	625-004-426	Decal, Vessel Warning	1
3	62501758	Assmbly, End Cap 4	2	11	62501209	Decal, Brine Seal Flow Direct	1
4	625-001-506	O-Ring 342 Buna	2	12	62502477	End Cap Spanner Wrench	1
5	625-001-502	O-Ring 116 Buna	2	13	62501145	Hose, Clamp 5" SS, (Mounting)	2
6	62501493	Vessel, SS 4" (Includes # 10)	1	14	62501496	Clamp, Formed Flange	4
7	62501113	Membrane, Filmtec XLE 4040	1	15	031-09103	HHCS, 3/8-16 x 3/4 SS	4
8	625-003-230	Ftg., PVC Sch 80 Plug 3/8	1	16	951-003-013	Lock Nut, 3/8-16 SS	4

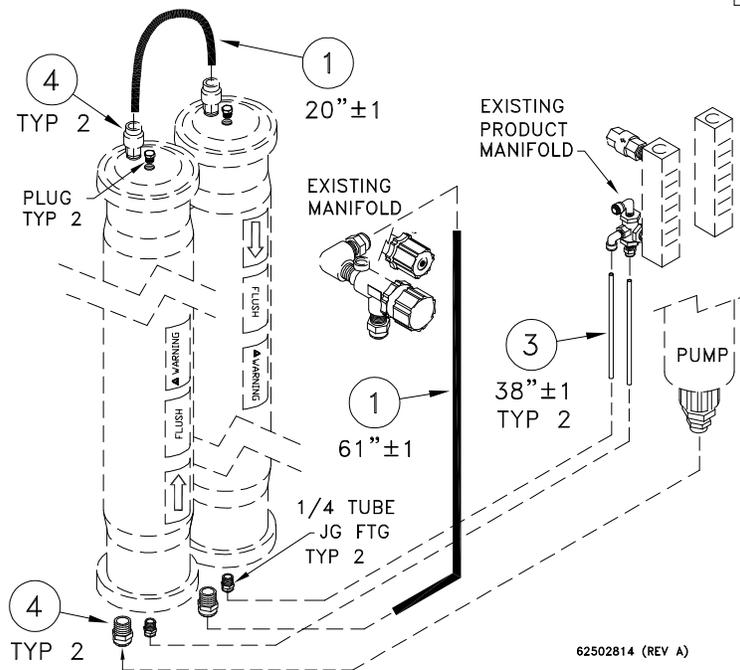
* Recommended Spare Parts. ** Additional Recommended Spare Parts.

SEC HOSE (1 VESSEL)



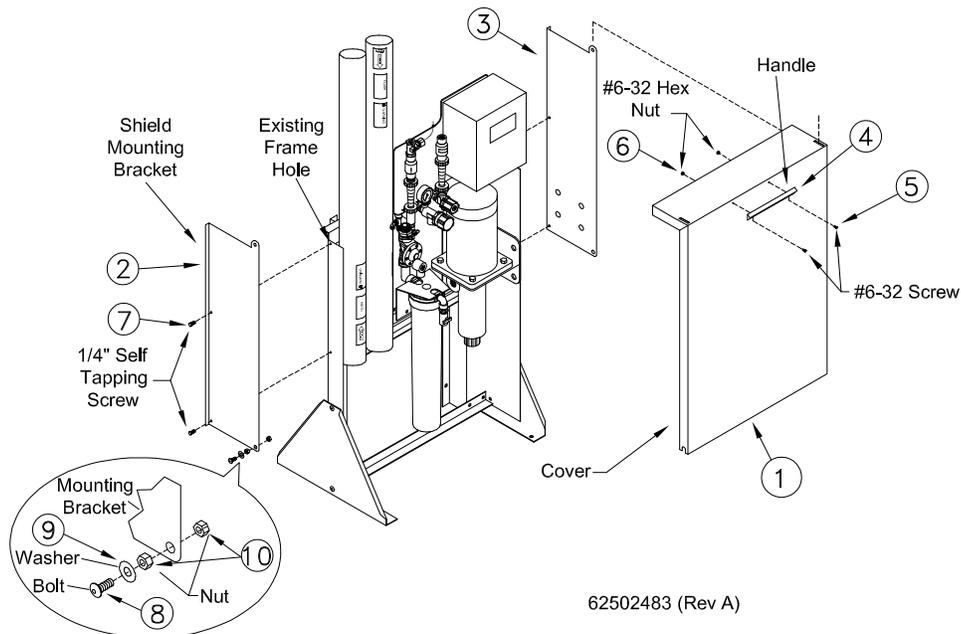
REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	62501570	Tubing Poly , 1/2 OD	3.8	4	62500582	Ftg, 1/4 Plug John Quest	1
2	62500556	Fitting Jg 1/2 T 1/2 Stem 90	1	5	625-001-672	Ftg, 1/2 M x 1/2 T John Quest	2
3	625-001-903	Tubing, 1/4 OD PE	3.2				

SEC HOSE (2 VESSEL)



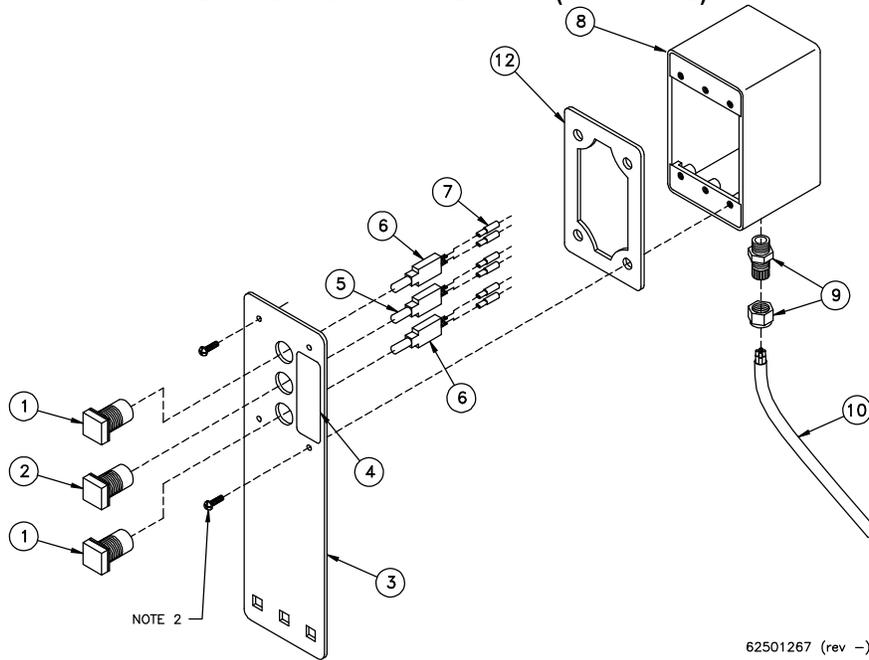
REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	62501570	Tubing Poly , 1/2 OD	6.8	3	625-001-903	Tubing, 1/4 OD PE	6.4
2	N/A			4	625-001-672	Ftg, 1/2 M x 1/2 T John Guest	4

CWN COVER (OPTIONAL)



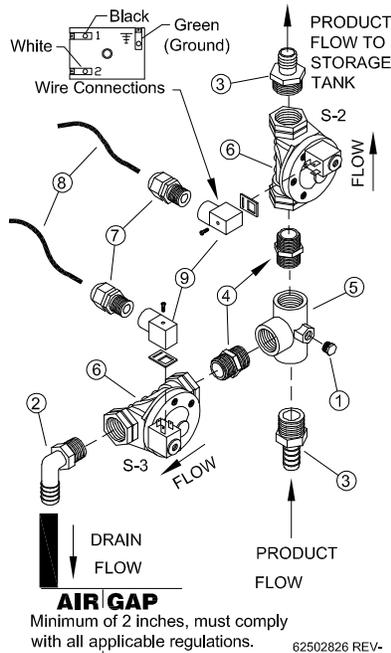
REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	62502480	Cover, Painted	1	6	951-001-001	Hex Nut 6-32	2
2	62502479	Bracket, Mounting, LH	1	7	950-005-004	Self Tapping Screw 1/4-20	4
3	62502478	Bracket, Mounting, RH	1	8	950-011-063	Bolt, Socket Head 3/8-16	2
4	62501678	Bracket, Handle	1	9	061916	Flat Washer 3/8 Inch	2
5	950-005-031	Machine Screw 6-32	2	10	061910	Hex Nut 3/8-16	4

REMOTE INDICATOR LIGHTS (OPTIONAL)



REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	62501261	Light, Square Lens Green 16mm	2	7	38601225	Terminal .110 x .020 Female	6
2	62501263	Light, Square Lens Red 16mm	1	8	625-004-784	Conduit Outlet Box 3/4 Type FD	1
3	62501259	Brk, Indicator Light	1	9	625-001-324	Fitting, Elect, 1/4 HEYCO W/Lock Nut	1
4	62501265	Decal, Led Indicator Light	1	10	62501268	Wire, 22 GA./4 UL/CSA	5'
5	62501262	Light, Led Red 16mm	1	11	62500596	Wire, White 22 Awg UI-1007	6"
6	62501260	Light, Led Green 16mm	2	12	62501264	Conduit, PVC Blank Cover W/Seal	1

PRODUCT DUMP VALVE (OPTIONAL)



REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	625-003-236	Fitting, 1/4 PVC SCH 80 Plug	1	6	62501163	Valve 1" 24 VAC Solenoid	2
2	62500432	Fitting, Nylon Elbow 1" x 3/4 Barb	1	7	62501453	Strain Relief 1/2 NPT	2
3	62500434	Fitting, Nylon 1" x 3/4 Barb	2	8	62502688	Wire Type SVT 18/3	12
4	62501157	Fitting, Nylon 1 x 1 Nipple	2	9	62502689	Connector DIN Solenoid	2
5	62501159	Fitting, Nylon Gauge Tee 1"	1				