



Iron Breaker

**with 5600 Control Valve
Manual**

Chemical Free Iron & Sulfur Filter

-----AT STARTUP-----

This product has a power-down feature that stores data to memory in the event of a power loss. If the product sits without being connected to power for a period of time, the user may see an error code at start-up. Refer to your service manual to reset this board. Pre programmed settings will not be lost.

TANK SIZE	MEDIA CU. FT.	SVC FLOW*	PEAK FLOW*	B.W. RATE	CONTROL
10 X 54"	1.0 CU. FT.	3.0	4.0	7.0	5600-2510
12 X 48"	1.5 CU. FT.	4.0	6.0	10.0	5600-2510
13 X 54"	2.25 CU. FT.	5.0	7.5	12.0	5600-2510
14 X 65"	2.5 CU. FT.	6.0	8.0	13.0	2510
16 X 65"	3.0 CU. FT.	7.5	10.0	16.0	2510

** Flow Rates are substantially higher when ZeoPrep filtering media is used.*

Iron Filter Operating Manual

The Iron Filter System is an excellent way to remove iron and sulfur from your water.

Based on a unique patent-protected (US Patent 5,919,373) process the Iron Filter System removes iron effectively and economically without the need of expensive, messy and dangerous chemicals or troublesome pumps or external air injectors.

The Iron Filter System can be used whenever iron is a problem. Years of field experience with the Iron Filter System has shown it will remove iron in excess of 10 parts per million (PPM) and remain effective in high PH water.

How Does It Work?

The Iron Filter System adds oxygen to the filter media during the draw cycle. The water then passes through the filter media which oxidizes and removes the iron (all in the same tank).

Eventually water passing through the Iron Filter System depletes the oxygen and the unit needs regeneration.

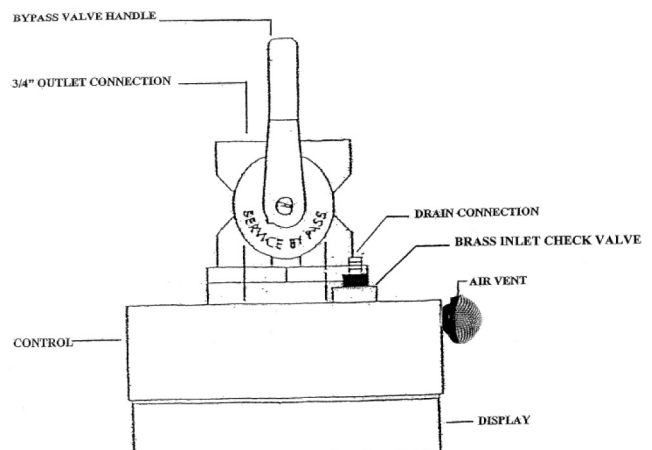
During regeneration the iron is backwashed out. The tank then empties and replenishes the filter media with oxygen from the atmosphere and shifts back into service.

INSTALLATION

The Iron Filter System will normally be installed:

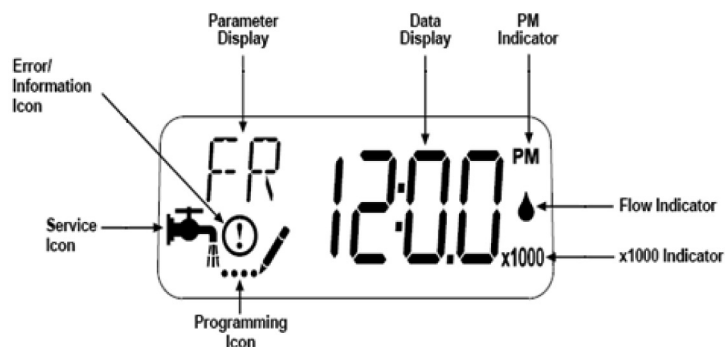
After: Supply line to outside faucets
 Any Neutralizers

Before: A Water Softener
 Any Taste or Odor Filters



SYSTEM INSTALL AND START-UP

1. The Iron Filter System will be normally installed after supply lines to the outside (unless there is a reason to keep outside faucets iron-free) and after neutralizing filter if needed(Calcite, Corosex)
2. Run piping from drain connection to an approved drain, following all local codes. Secure the drain line! If distance is greater than 10' increase to 1" drain line.
3. Plug power cord into any standard 120V outlet. Make sure the outlet has continuous electrical power.
4. The display will light and show a time.
5. Use the Up and Down arrows on the display to set the correct time of day.
6. Turn the Bypass valve to the "Service" position.
7. Fill unit SLOWLY by turning on the water service valve.
8. Leave the unit in the service position. It is not necessary to run the unit through the cycles.



SETTING THE CONTROL

The Iron Filter System uses the Fleck model SXT powerhead to manage the regeneration process.

When the unit is in the "Service" position the display will show the current time of day. The clock uses a standard 12 hour display.

Setting the Control, Continued

The regeneration cycle is preset to occur at 12:30A.M. every third day. This timing and frequency of regeneration can be modified as required.

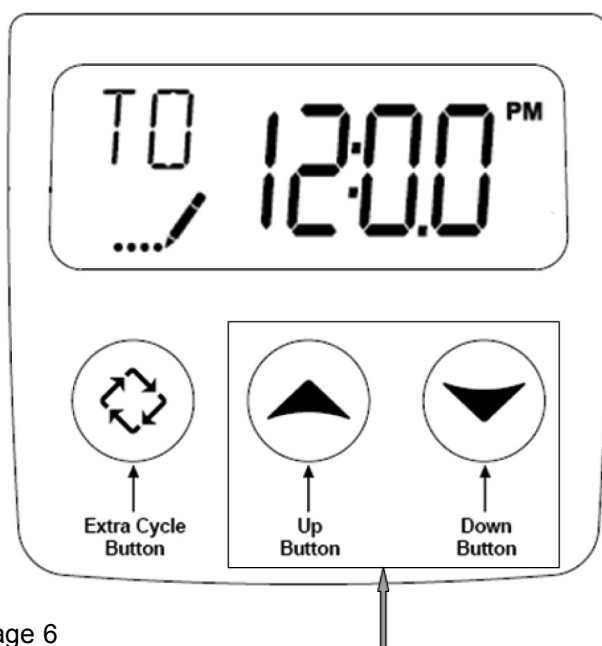
Nominal duration for the regeneration cycle is approximately 40 minutes.

1. Backwash cycle, 10 minute duration. Water flow is reversed inside the unit to lift and reclassify the filter media rinsing accumulated iron from the bed.
2. Oxygen refill, 40 minute duration. The unit empties of water and is filled with air. During this cycle water will run to drain. There is a slight delay at the start of the cycle while the pressure of the air within the tank reaches atmospheric pressure. During this time no air is drawn into the tank. Once the pressure has equalized, you will hear as air is drawn into the unit.
3. The unit returns to the In-Service position. When this happens water continues to enter the tank, compressing the air into a bubble in the top portion of the tank. Air bubble volume will vary slightly with the local conditions.

Untreated water is available during regeneration cycle.

Should you require the unit to regenerate at a time of day other than 12:30 A.M. it is important that no other unit, softener or filter, regenerates at the same time. This will interfere with the regeneration process of the Iron Breaker III.

In condition of high water usage and/or high levels of iron, the unit may need to regenerate more frequently than the standard three day cycle. The unit can be set for every other day regeneration or daily regeneration, as required. Do not set the regeneration frequency of longer than every three days as this risk fouling the filter medium and can, over time, render the unit inoperable.

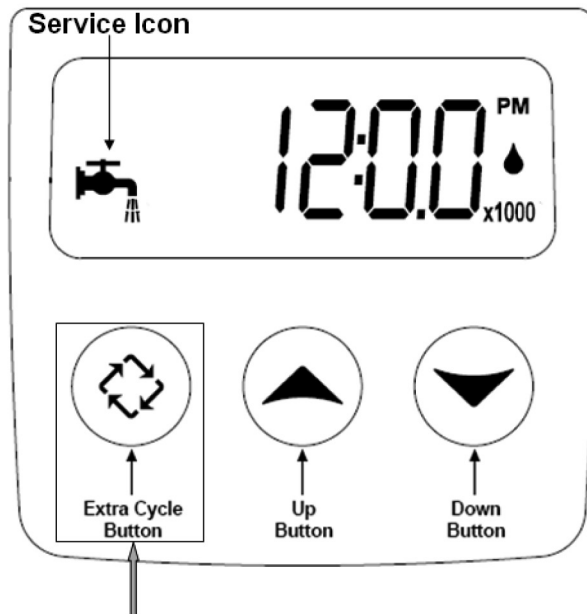


SETTING THE TIME OF DAY

- Press and hold the Up or Down buttons until the programming icon replaces the service icon and the parameter display reads TD.
- Adjust the displayed time with the Up and Down buttons.
- When the desired time is set, press the Extra Cycle button to resume normal

operation. The unit will also return to normal operation after 5 seconds if no buttons are pressed.

INITIATING A REGENERATION



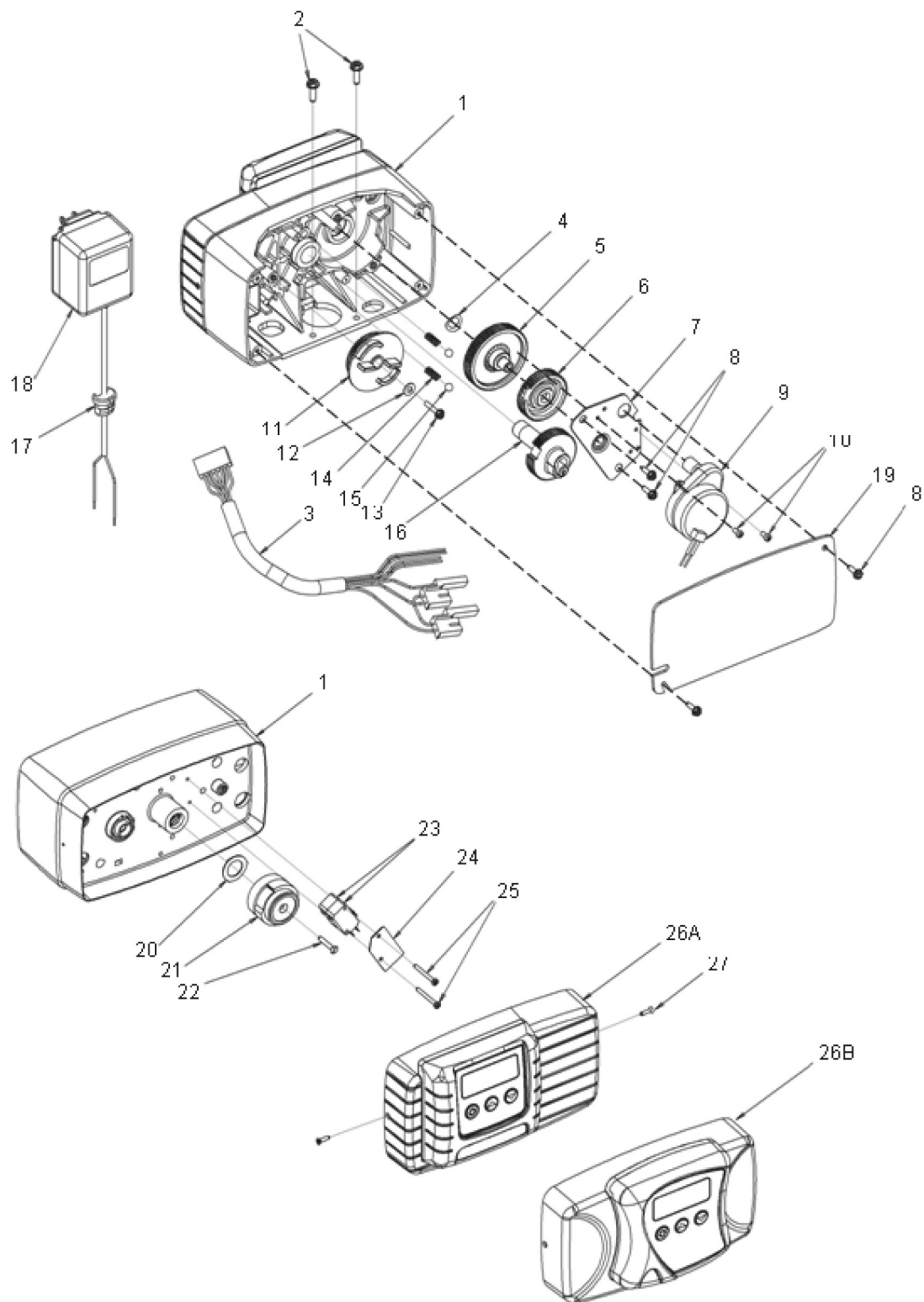
- Press the Extra Cycle button. The service icon will flash to indicate that regeneration is queued.
- To cancel a queued regeneration, press the Extra Cycle button.
- **Regenerate Immediately**
- Press and hold the Extra Cycle button for five seconds.

MAINTENANCE AND TROUBLE SHOOTING

The Iron Filter System requires little or no maintenance. The filter media should last indefinitely under normal conditions.

<u>PROBLEM</u>	<u>POSSIBLE CAUSE</u>	<u>WHAT TO CHECK</u>
Unit does not regenerate	1) Electrical service to unit is interrupted 2) Power failure 3) Defective timer 4) Not programmed	Make sure electric is working and uninterrupted. Reset time of day Check to make sure “days” advance, if not, replace
Unit does not draw air in refill cycle	1) Line to drain is crimped 2) Water pressure is too low 2) Drain flow control is blocked 4) Injector or screen is plugged 5) Internal control leak	Replace drain line Pressure req. is 20 PSI min. Check and clean as necessary Check and clean or replace Check seals/spacers and replace if needed
Continuous water flow to drain line	1) Timer motor stopped or jammed 2) Debris/material jammed inside control 3) Internal leak	Replace if necessary Remove piston to check for debris Inspect seals/Spacers, replace if necessary
Air in house line or at faucets	1) Inadequate water supply to meet backwash requirements 2) Worn seals	

VALVE POWERHEAD ASSEMBLY



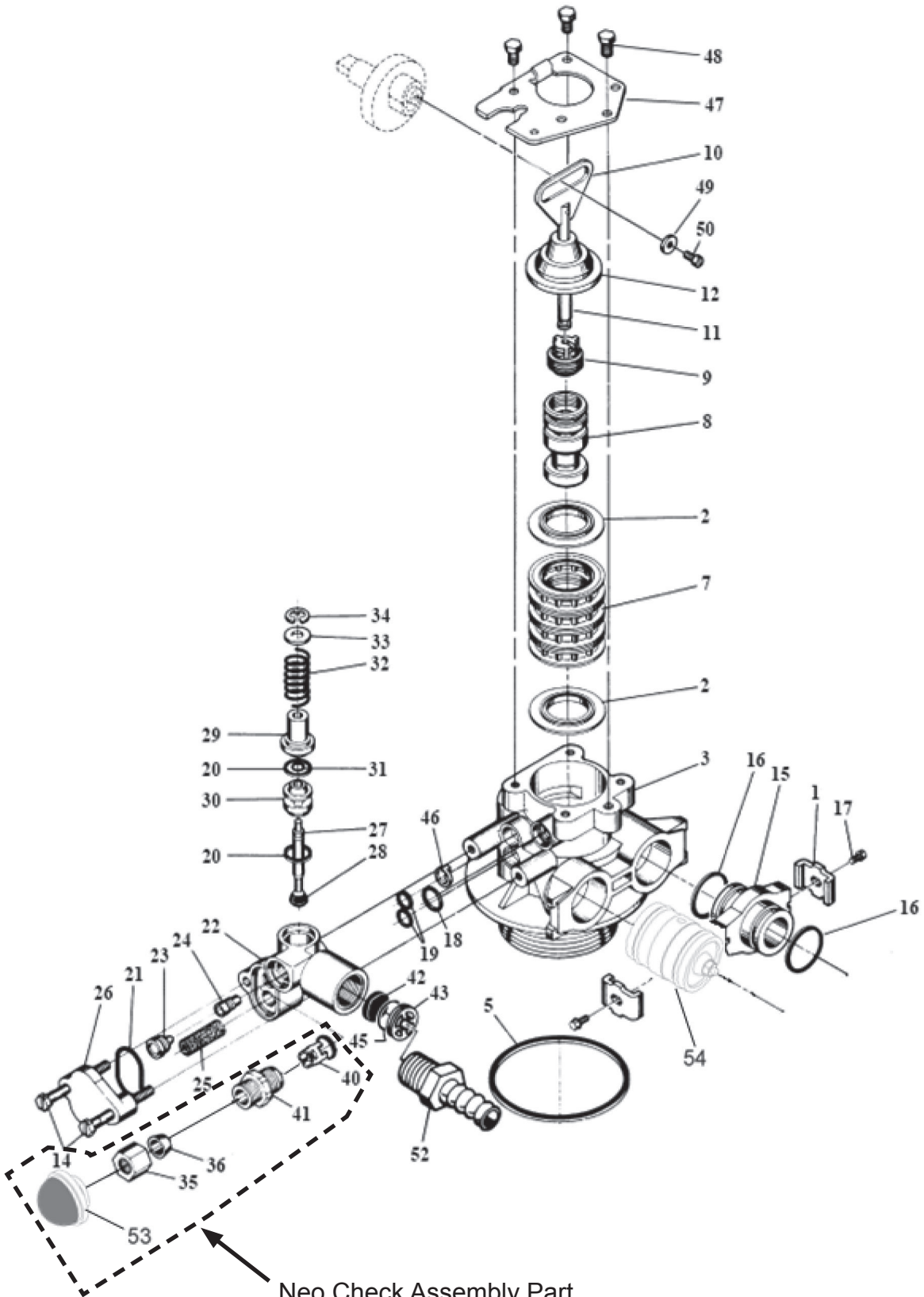
Valve Powerhead Assembly, Continued

Item No.	Quantity	Part No.	Description
1	1	26001-02	Housing, Control Valve Drive
2	2	12473	Screw, Hex Wsh 10-24 x 5/8
3	1	19474	Harness, Power, 56SXT, Elect
4	1	13299	Washer, Spring, 3/8
5	1	6036902	Gear, Idler
6	1	23045	Gear, Drive, 6700
7	1	13175	Plate, Motor Mounting
8	4	13296	Screw, Hex Wsh, 6-20 x 1/2
9	1	16944	Motor, Drive, 24V 60 Hz 2 rpm
10	2	11384	Screw, Phil, 6-32 x 1/4 Zinc
11	1	13168	Cam, Brine Valve, 56SXT/6700 Blk
12	1	12037	Washer, Plain, #10 18-8 SS
13	1	40214	Screw, Hex Wsh, #6-20 x 3/4
14	2	19080	Spring, Compression, 6700
15	2	13300	Ball, 1/4" Stainless Steel
16	1	25005-10	Gear, Main Drive, SXT
17	1	13547	Strain Relief, Flat Cord
18	1	19674	Transformer, 24V, 9.6VA, Residential Valves
		41475	Transformer, 24V, 9.6VA, European
19	1	40338	Cover, Back Drive Housing
20	1	19079	Washer, Friction
21	1	17438	Cam, 56SXT/6700, Downflow
		40609	Cam, Double Backwash, Downflow
22	1	15151	Screw, Flat Hd St, 6-20 x 3/4
23	2	10218	Switch, Micro
24	1	10302	Insulator, Limit Switch
25	2	17876	Screw, Phil, Pan, 4-40 x 1 1/8
26A	1	61672-0201	Front Panel Assy, 56SXT, Square, Black
27	2	13898	Screw, Flat Hd, Phil Steel

Not Shown:

.....440422Wire, Nut, Beige

CONTROL VALVE ASSEMBLY

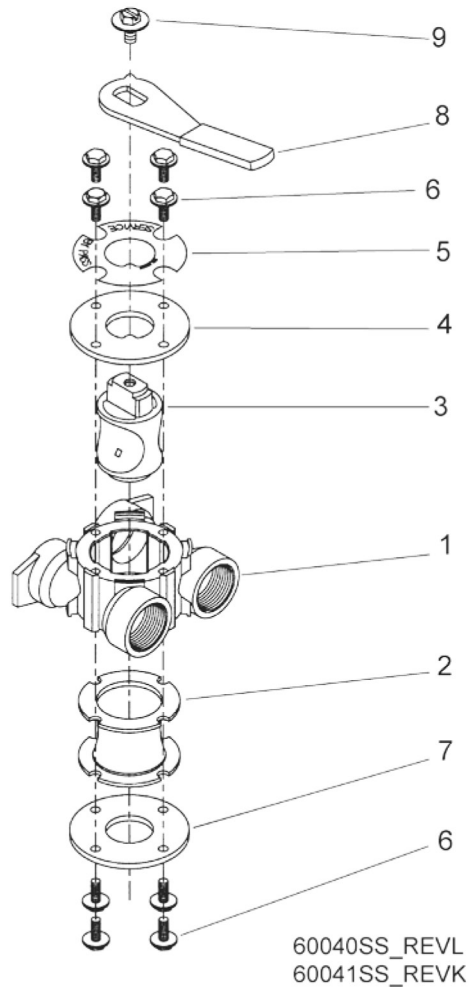


Neo Check Assembly Part
No. CWIBNEOCHECKASSY

Control Valve Assembly, Continued

Item No.	Quantity	Part No.	Description
1.....	2.....	13255.....	Adapter Clip (Clock or Meter)
2.....	5.....	18759.....	Seal
3.....	1.....	61400-12.....	Valve Body Assembly, 1 Dist.
4.....	1.....	13304.....	O-ring, Distributor Tube, 1
5.....	1.....	12281.....	O-ring, Top of Tank
7.....	4.....	14241.....	Spacer
8.....	1.....	60102.....	IB111 Piston, Proprietary
9.....	1.....	10696.....	Piston Pin
10.....	1.....	13001-04.....	Rod, Piston, 56SXT/6700
11.....	1.....	14309.....	Retainer, Piston Rod
12.....	1.....	13446-41.....	Plug, End, 56SXT/6700, Green
14.....	2.....	13315.....	Screw, Injector Mounting
15.....	2.....	19228-01.....	Adapter Assy,Coupling,5600,w/O-ring
16.....	4.....	13305.....	O-ring, Adapter Coupling
17.....	2.....	13314.....	Screw, Adptr Coupling(Clock/Meter)
18.....	1.....	12638.....	O-ring, Drain
19.....	2.....	13301.....	O-ring, Injector
20.....	2.....	13302.....	O-ring, Brine Spacer
21.....	1.....	13303.....	O-ring, Injector Cover
22.....	1.....	13163.....	Injector Body
23.....	1.....	10913-x.....	Injector Nozzle, specify size
24.....	1.....	10914-x.....	Injector Throat, specify size
25.....	1.....	10227.....	Injector Screen
26.....	1.....	13166.....	Injector Cover
27.....	1.....	13172.....	Brine Valve Stem
28.....	1.....	12626.....	Brine Valve Seat
29.....	1.....	13165.....	Brine Valve Cap
30.....	1.....	13167.....	Brine Valve Spacer
31.....	1.....	12550.....	Quad Ring
32.....	1.....	11973.....	Spring, Brine Valve
33.....	1.....	16098.....	Washer, Brine Valve
34.....	1.....	11981-01.....	Retaining Ring
35.....	1.....	10329.....	BLFC Fitting Nut
36.....	1.....	10330.....	BLFC Ferrule
40.....	1.....	41861.....	Neo Check
41.....	1.....	13244.....	BLFC Fitting, 3/8
42.....	1.....	12408.....	DLFC Button, 7.0 GPM
43.....	1.....	13173-01.....	Retainer, DLFC, Button, w/O-ring
46.....	1.....	13497.....	Air Disperser
47.....	1.....	13546.....	End Plug Retainer
48.....	3.....	12112.....	Screw
49.....	1.....	13363.....	Washer
50.....	1.....	13296.....	Screw
52.....	1.....	13308.....	Drain Hose Barb
53.....	1.....	19856.....	Inlet Screen
54.....	1.....	300-34P.....	Brass Inlet Check Valve

BYPASS VALVE ASSEMBLY



Bypass Valve Assembly, Continued

Item No.	Quantity	Part No.	Description
1	1	17290	Bypass Valve Body, 3/4"
	1	17290NP	Bypass Valve Body, 3/4" Nickel Plated
	1	13399	Bypass Valve Body, 1"
	1	13399NP	Bypass Valve Body, 1", Nickel Plated
2	1	11726	Seal, Bypass
3	1	11972	Plug, Bypass
4	1	11978	Side Cover
5	1	13604-01	Label
6	8	15727	Screw
7	1	11986	Side Cover
8	1	11979	Lever, Bypass
9	1	11989	Screw, Hex Head, 1/4-14

RECOMMENDED IRON FILTER SERVICE KITS

FILTERS WITH FLECK 5600 CONTROLS

1- 13001-04	Piston rod assembly
1- 13446-41	End Plug assembly, Green
5- 18759	Seals, Low drive force
4- 12421	Spacers
1- 25005	Main drive gear

FILTERS WITH FLECK 2510 CONTROLS

6- 42308	Seals, Silicone (proprietary)
5- 11451	Spacers
1- 10757	End Spacer
1- 10914-2	Injector Throat #2, Blue
1- 10913-2	Injector Nozzle #2, Blue
1- 14452	Piston Rod
1- 10598	End Plug Assembly

IRON FILTER SYSTEM MASTER PROGRAMMING GUIDE

Press the Up or Down Arrow Buttons to enter the Time of Day Programming Mode, Set the Time of Day Display to 12:01 P.M.

Press the Extra Cycle Button once to exit the Time of Day Programming Mode.

With the Time of Day Display set to 12:01 P.M., Push and hold the Up and Down Arrow Buttons for 7 seconds.

1. DF - GAL - US Gallon Display Format
2. VT - St1b - Standard Downflow, Single Backwash
3. CT - tc - Time Clock Control
4. NT - 1 - Single Tank System
5. DO - 3 - Day Override
6. RT - 12:30 A.M. - Time of Regeneration
7. BW - 14 - 14 Minute Backwash
8. BD - 40 - 40 Minute Air Recharge
9. RR - OFF - Rapid Rinse is Turned Off
10. Exit Master Programming and Return Valve to Service Display

2510 AIO Supplemental Insert

Overview:

The AIO valve is designed for use when water containing contaminants subjected to oxidation is encountered. The water passes through the AIO valve then passes through the tank containing oxygen enriched filter media. The oxygen reduces all contaminants in the water to an oxide, or in the case of hydrogen sulfide gas, it is reduced to a molecule of acid.

Regeneration as follows:

Backwash (BW): Cycle Step #1	The backwash cycle washes oxidized contaminants to drain and reclassifies the media bed.
Air Draw (BD): Cycle Step #2	Air Draw empties water from tank and replenishes oxygen to filter media.
Rapid Rinse (RR): Cycle Step #3	Rapid Rinse purges excess atmosphere from the media tank and distributor.

NOTE: Due to the oxygen in the media tank, maximum 80 PSI for operation.

SXT Programming:

Programming Abbreviation	Programming Definition	* Option Abbreviation	Option Definition
DF	Display Format	GAL	Gallons ~ 12 hour time
VT	Valve Type	DF 1b	Downflow Single Backwash
CT	Control Type	tc	Time Clock – Regenerates based on days
NT	Number of Tanks	1	Single Tank
DO	Day Override	3	Days Between Regeneration – In conditions of high water usage and/or high levels of contaminants, the AIO may need to regenerate more frequently than once every three days. DO NOT set the regeneration day override for a longer period than three days, as the filter media can become fouled with contaminants, rendering the AIO ineffective.
RT	Regeneration Time	12:30 AM	Regeneration Time – If there is a need to change the factory default, then make sure the time of regeneration is not the same with any other water treatment equipment in the system.
BW	Backwash	14	See AIO Overview Above
BD	Air Draw	40	See AIO Overview Above
RR	Rapid Rinse	1	See AIO Overview Above
BF	Brine Fill	Off	Not Applicable

* Factory Defaults

Reference SXT service manual for programming information.

2510 AIO Supplemental Insert

Installation Overview:

Install the AIO valve after the supply lines to the outside faucets (unless outside faucets need to be free of contaminants in water). The AIO valve is generally installed before a water softener or any taste/odor cartridges, if applicable.

Insure the inlet check valve is connected as shown to the inlet side of the AIO valve. The drain should be installed in accordance with plumbing codes. Due to the release of air during regeneration, the drain line should be anchored through out the run and secured at the end of the drain line. The drain line should be sized for the backwash rate and friction loss.

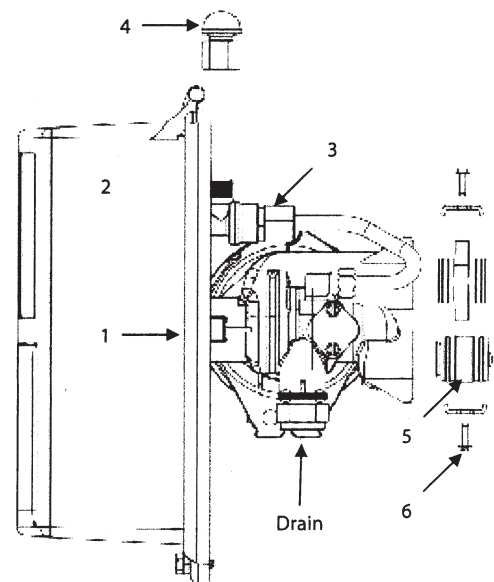
The drain line flow control should accommodate the size tank and backwash rate for the filter media being used.

The injector size (slow rinse rate based on pressure) should be sized the same as the service flow rate of the filter media being used.

AIO Specific Parts:

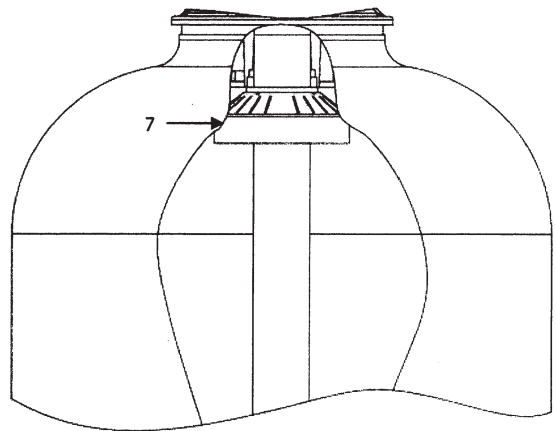
Item#	Part #	Description
1	*P2510	PISTON ASSY, 2510AIO
2.	*12777	CAM, AIR DRAW
3.	*17907NEO	CHECK VALVE, AIR DRAW
3.	*13147-1.5	TUBE, DRAW, 1 1/2", PVC
4.		BUG SCREEN AIR CHECK ADPTR
5.	30034P	CHECK VALVE, 2510AIO BRASS
6.	43153	SCREW, 8-32, SS, 2510AIO
7.	1030043	KIT, PARTS, IRON FILTER

* Part not shown but illustration showing location



Deflector Installation:

Put a thin layer of silicone lube around inside diameter of the deflector. Slowly slide the deflector over the distributor tube down about 1". When threading the AIO valve to the tank, the bottom of the threads will slide the deflector down. As shown in diagram.



Reference the 2510 service manual for information on the following:

- Trouble shooting
- Parts list

3200 TIMER SETTING PROCEDURE

How To Set Days On Which Water Conditioner Is To Regenerate (Figure 2)

Rotate the skipper wheel until the number "1" is at the red pointer. Set the days that regeneration is to occur by sliding tabs on the skipper wheel outward to expose trip fingers. Each tab is one day. Finger at red pointer is tonight. Moving clockwise from the red pointer, extend or retract fingers to obtain the desired regeneration schedule.

How To Set The Time Of Day

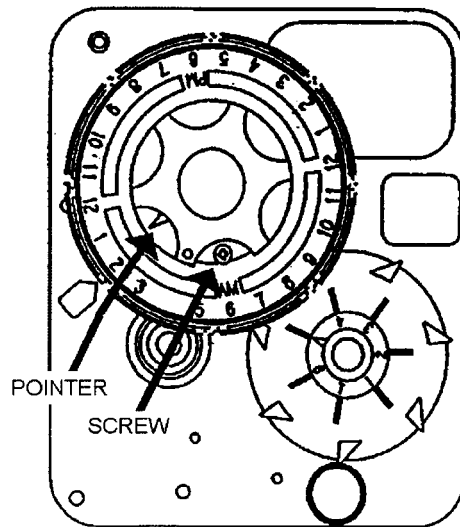
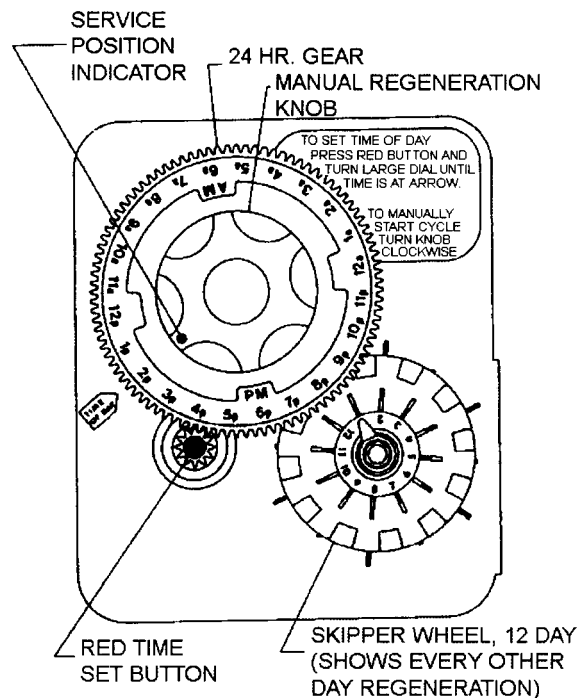
1. Press and hold the red button in to disengage the drive gear.
2. Turn the large gear until the actual time of day is at the time of day pointer.
3. Release the red button to again engage the drive gear.

How To Manually Regenerate Your Water Conditioner At Any Time

1. Turn the manual regeneration knob clockwise.
2. This slight movement of the manual regeneration knob engages the program wheel and starts the regeneration program.
3. The black center knob will make one revolution in the following approximately three hours and stop in the position shown in the drawing.
4. Even though it takes three hours for this center knob to complete one revolution, the regeneration cycle of your unit might be set for only one half of this time.
5. In any event, conditioned water may be drawn after rinse water stops flowing from the water conditioner drain line.

How to Adjust Regeneration Time

1. Disconnect the power source.
2. Locate the three screws behind the manual regeneration knob by pushing the red button in and rotating the 24 hour dial until each screw appears in the cut out portion of the manual regeneration knob.
3. Loosen each screw slightly to release the pressure on the time plate from the 24 hour gear.
4. Locate the regeneration time pointer on the inside of the 24 hour dial in the cut out.
5. Turn the time plate so the desired regeneration time aligns next to the raised arrow.
6. Push the red button in and rotate the 24 hour dial. Tighten each of the three screws.
7. Push the red button and locate the pointer one more time to ensure the desired regeneration time is correct.
8. Reset the time of day and restore power to the unit.



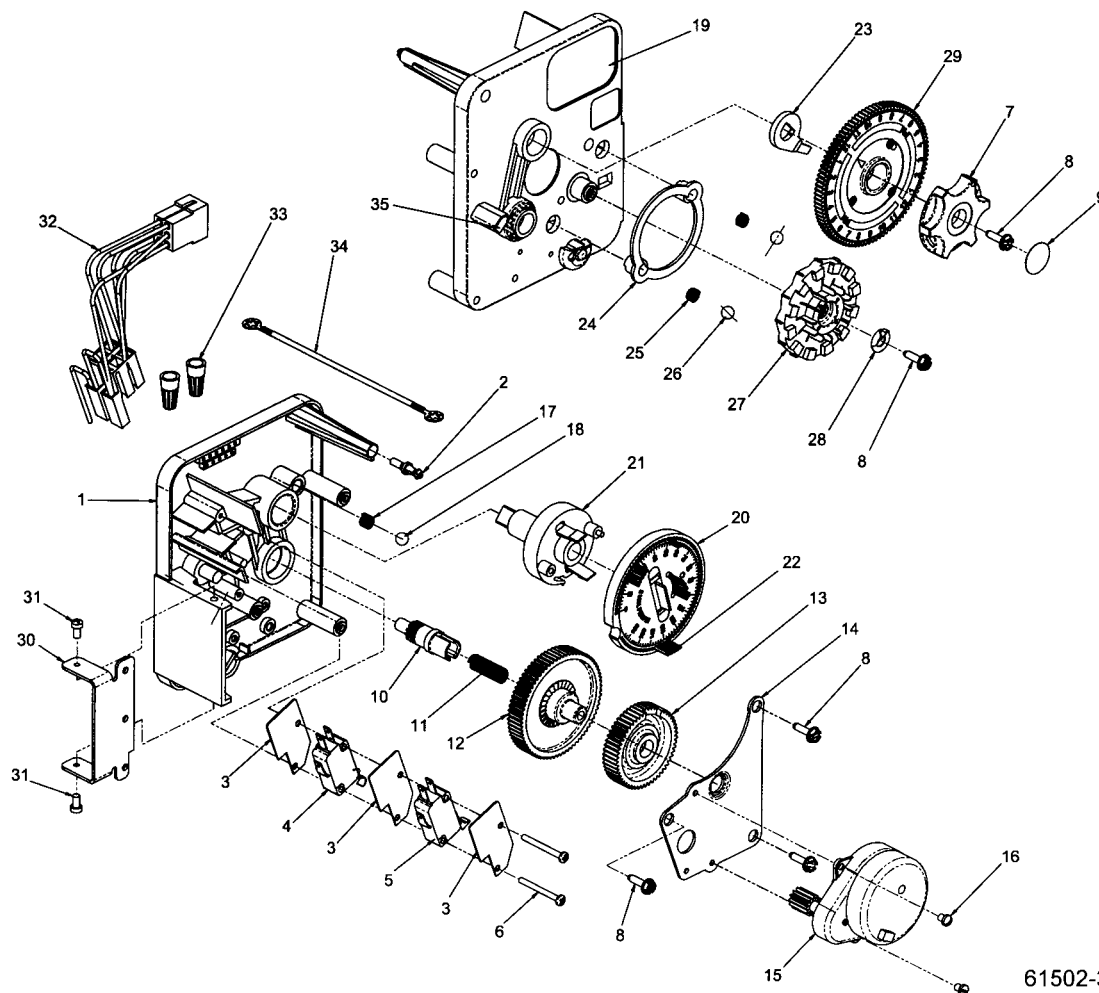
3200 ADJUSTABLE REGENERATION TIMER

IMPORTANT!
SALT LEVEL MUST ALWAYS BE ABOVE
WATER LEVEL IN BRINE TANK

61502-3200 Rev A

Figure 2

3200 TIME CLOCK TIMER ASSEMBLY

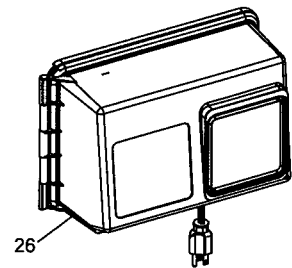
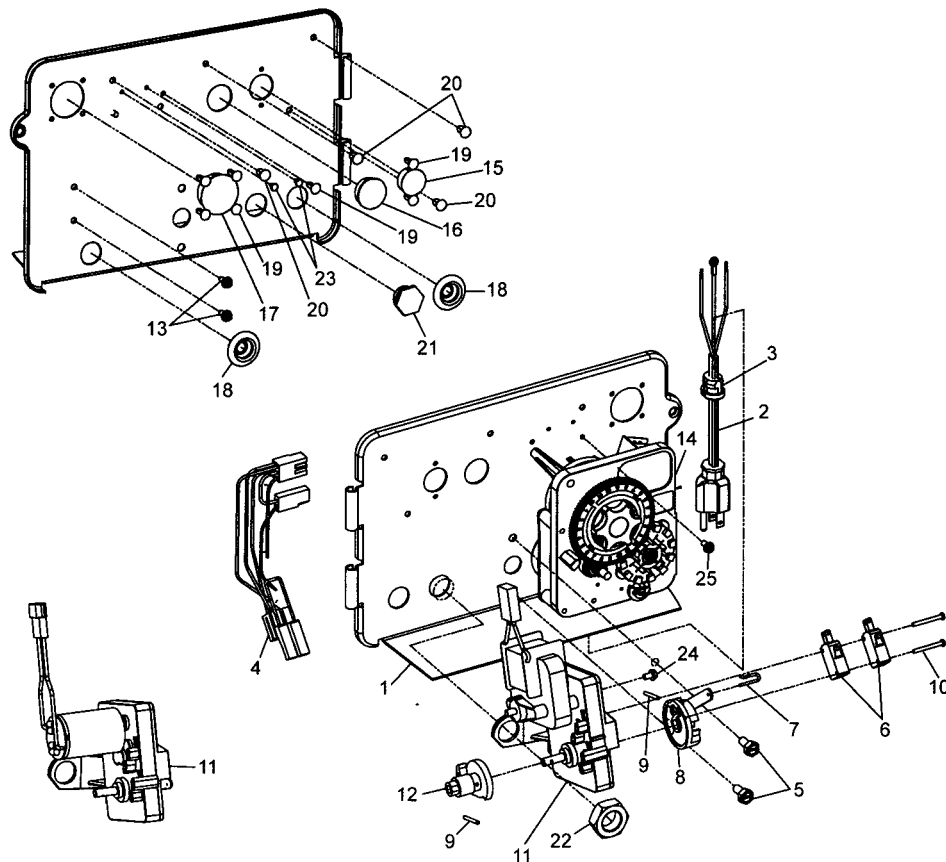


61502-3200 Rev A

Item No.	QTY	Part No.	Description
1.....	1	13870.....	Housing, Timer, 3200
2.....	1	14265.....	Clip, Spring
3.....	3	14087.....	Insulator
4.....	1	10896.....	Switch, Micro
5.....	1	15320.....	Switch, Micro, Timer
6.....	2	11413.....	Screw, Pan Hd Mach, 4-40 x 1-1/8
7.....	1	13886.....	Knob, 3200
8.....	5	13296.....	Screw, Hex Wsh, 6-20 x 1/2
9.....	1	11999.....	Label, Button
10.....	1	13018.....	Pinion, Idler
11.....	1	13312.....	Spring, Idler Shaft
12.....	1	13017.....	Gear, Idler
13.....	1	13164.....	Gear, Drive
14.....	1	13887.....	Plate, Motor Mounting
15.....	1	18743-1.....	Motor, 120V, 60Hz, 1/30 RPM
	1	18752-1.....	Motor, 100V, 50Hz, 1/30 RPM
	1	18824-1.....	Motor, 23V, 50Hz, 1/30 RPM
	1	18826-1.....	Motor, 24V, 50Hz, 1/30 RPM
	1	19659-1.....	Motor, 24V, 60Hz, 1/30 RPM
	1	19660-1.....	Motor, 230V, 60Hz, 1/30 RPM
16.....	2	13278.....	Screw, Sltd Fillister Hd 6-32 x .156

Item No.	QTY	Part No.	Description
17.....	1	15424.....	Spring, Detent, Timer
18.....	1	15066.....	Ball, 1/4", Delrin
19.....	1	15465.....	Label, Caution
20.....	1	19210.....	Program Wheel Assy
21.....	1	13911.....	Gear, Main Drive, Timer
22.....	17	41754.....	Pin, Spring, 1/16 x 5/8 SS, Timer
23.....	1	13011.....	Arm, Cycle Actuator
24.....	1	13864.....	Ring, Skipper Wheel
25.....	2	13311.....	Spring, Detent, Timer
26.....	2	13300.....	Ball, 1/4", SS
27.....	1	14381.....	Skipper Wheel Assy, 12 Day
	1	14860.....	Skipper Wheel Assy, 7 Day
28.....	1	13014.....	Pointer, Regeneration
29.....	1	40096-24.....	Dial, 12 AM Regen Assy, Black
	1	40096-02.....	Dial, 2 AM Regen Assy, Black
30.....	1	13881.....	Bracket, Hinger Timer
31.....	2	11384.....	Screw, Phil, 6-32 x 1/4 Zinc
32.....	1	13902.....	Harness, 3200
33.....	2	40422.....	Nut, Wire, Tan
34.....	1	15354-01.....	Wire, Ground, 4"
35.....	1	14007.....	Label, Time of Day

POWERHEAD ASSEMBLY (ENVIRONMENTAL)



BR61501-1500 Rev C

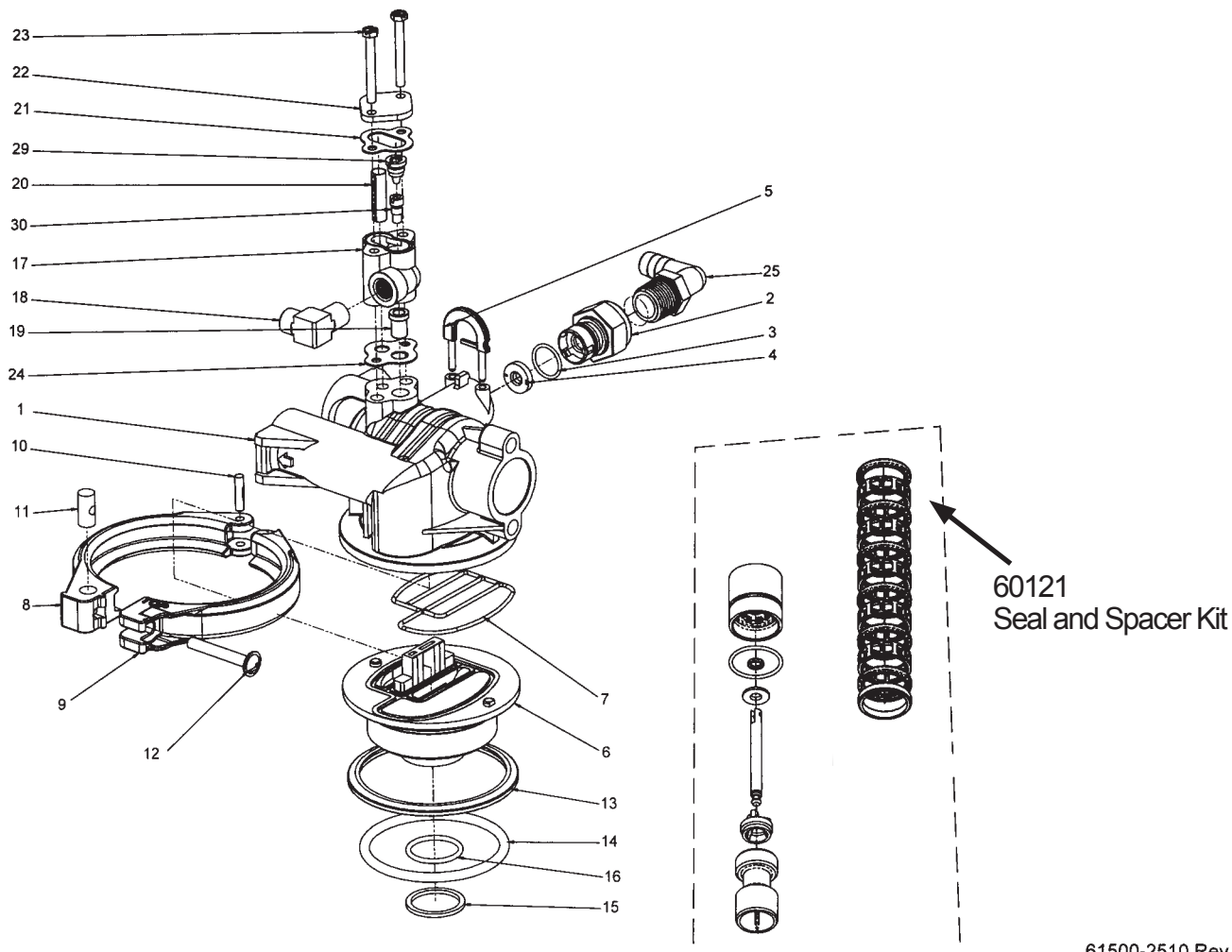
Item No.	QTY	Part No.	Description
1.....	1	18697-15.....	Backplate, Hinged
2.....	1	11838.....	Power Cord, 6', Fleck, Flat
3.....	1	13547.....	Strain Relief, Cord
4.....	1	40400.....	Harness, Drive Designr/Envirmtl
5.....	2	10231.....	Screw, Slot Hex 1/4-20 x 1/2 35 IN-LBS ±20%
6.....	2	10218.....	Switch, Micro
7.....	1	10909.....	Pin, Connecting Rod Spring
8.....	1	60160-15.....	Drive Cam Assy, STF, Blue, 2900
9.....	2	10338.....	Pin, Roll, 3/32 x 7/8
10.....	2	14923.....	Screw, Pan Hd MACH, 4-40 x 1 5.0 IN-LBS ±10%
11.....	1	41543.....	Motor, Drive, 115V/60 Hz
		42579.....	Motor, Drive, 24 VAC/DC, 50-60 Hz, Fam 1
		41545.....	Motor, Drive, 220V, 50-60Hz, SP, Fam 1
12.....	1	12777.....	Cam, Shut-off Valve
13.....	2	10300.....	Screw, Hx Wash Head, 8 x 3/8 20 IN-LBS ±20%
14.....	1	3200.....	Timer Assy, 3200 7 or 12 Day
			3210 Meter Delay
			3220 Meter Immediate

Item No.	QTY	Part No.	Description
15.....	1	15806.....	Hole Plug, (HeyCo)
16.....	1	16493.....	Plug, Hole, HeyCo, .88 Dia
17.....	1	17421.....	Plug, 1.20 Hole
18.....	2	19691.....	Plug, .750 Dia. Hole, Flush
19.....	7	19800.....	Plug (Hole Size: Dia .140)
20.....	4	19801.....	Plug, Dia .190
21.....	1	10712.....	Fitting, Brine Valve (Used on Filter Valves)
22.....	1	10269.....	Nut, Jam, 3/4-16 (Used on Filter Valves) Wrench Tighten
23.....	2	41581.....	Plug, Hole .125 Dia, White
24.....	1	10872.....	Screw, Hex WSH, 8-32 x 5/16 20 IN-LBS ±20%
25.....	1	14202-01.....	Screw, Hex Washer #8-32 x 5/16 Hand Tighten
26.....	1	60219-02.....	Cover Assy, Environmental, Black

Not Shown:

1.....	15441.....	Cable Guide Assy, 2510
1.....	15495.....	Meter Cable, 13.87"

CONTROL VALVE ASSEMBLY



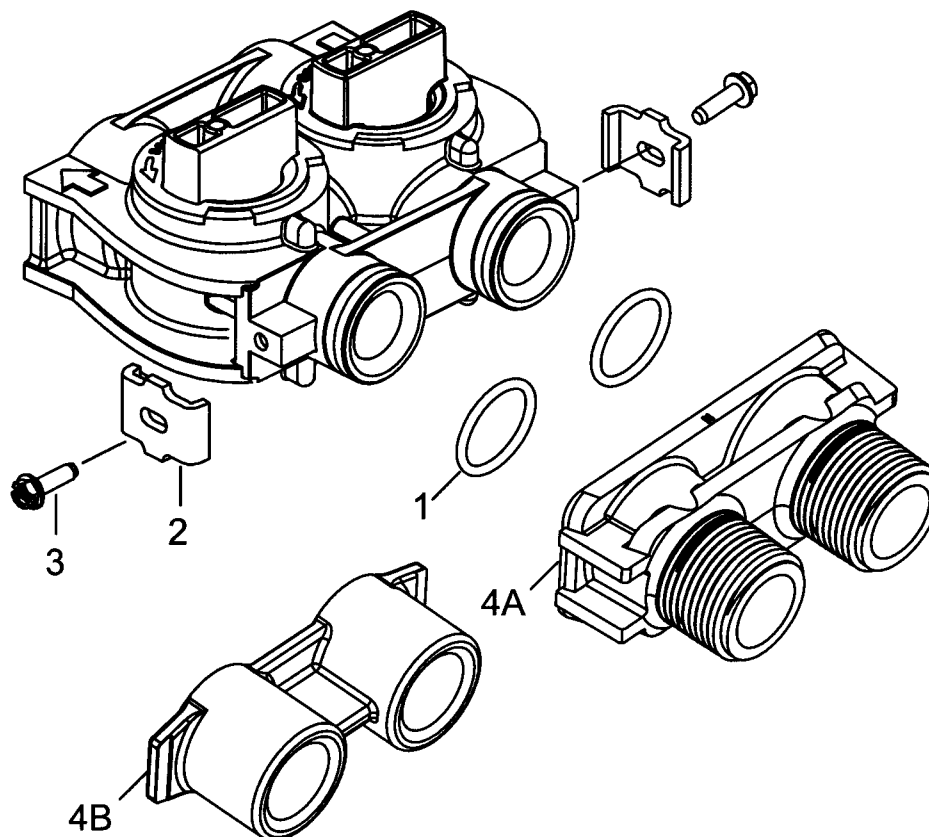
61500-2510 Rev B

Item No.	QTY	Part No.	Description
1.....	1	19328	Valve Body, 2510
2.....	1	11385-01	Housing, Flow Control, Plastic
3.....	1	11183	O-ring, -017
4.....	1	12408	Washer, Flow, 7.0 GPM
5.....	1	18312	Retainer, Drain
6.....	1	19322	Adapter Base, 2510
7.....	1	19936	Seal, 2510, Base
8.....	1	19899	Clamp, Female, 2510
9.....	1	19900	Clamp, Male, 2510
10.....	1	40000	Pin, Hinge, Clamp
11.....	1	19998	Pivot, Clamp, 2510
12.....	1	40057	Screw, Comb Hd, 114-20, 2"
13.....	1	19197	Ring, Slip
14.....	1	18303	O-ring, -336
15.....	1	13030	Retainer, Dist Tube, O-ring
16.....	1	13304	O-ring, -121
17.....	1	17776	Body, Injector, 1600
18.....	1	10328	Fitting, Elbow, 90 Deg.

Item No.	QTY	Part No.	Description
19.....	1	16221	Disperser, Air
20.....	1	10227	Screen, Injector
21.....	1	10229	Gasket, Injector Cap, 1600
22.....	1	11893	Cap, Injector, SS
23.....	2	10692	Screw, Slot Hex Hd, 10-24x
24.....	1	14805	Gasket, Injector Body, 1600/1700
25.....	1	12338	Fitting, Elbow, 90 Deg.
26.....	1	61500	Piston Assy P2510 2510 Piston
28.....	1	10757	Spacer, End
29.....	1	10913.02	Nozzle, Injector
30.....	1	10914.02	Throat, Injector

NOTE: For optimal seal life, the use of lubricants is not recommended.

BYPASS VALVE ASSEMBLY (PLASTIC)



60049 Rev G

Item No.	QTY	Part No.	Description
1.....	2	13305.....	O-ring, -119
2.....	2	13255.....	Clip, Mounting
3.....	2	13314.....	Screw, Slot Ind Hex, 8-18 x .60
4A.....	1	18706.....	Yoke, 1", NPT, Plastic
		18706-02.....	Yoke, 3/4", NPT, Plastic
4B.....	1	13708-40.....	Yoke, 1", Sweat
		13708-45.....	Yoke, 3/4", Sweat
		19275.....	Yoke, Angle 90 Deg, 3/4", NPT
		19275-45.....	Yoke, Angle 90 Deg, 3/4" Sweat
		19620-01.....	Yoke Assy, 3/4", R/Angle, 90 Deg w/O-rings, Clips & Screws
		40636.....	Yoke, 1 1/4", NPT
		40636-49.....	Yoke, 1 1/4", Sweat
		41027-01.....	Yoke, 3/4", NPT, Cast, Machined
		41026-01.....	Yoke, 1", NPT, Cast, Machined, SS

