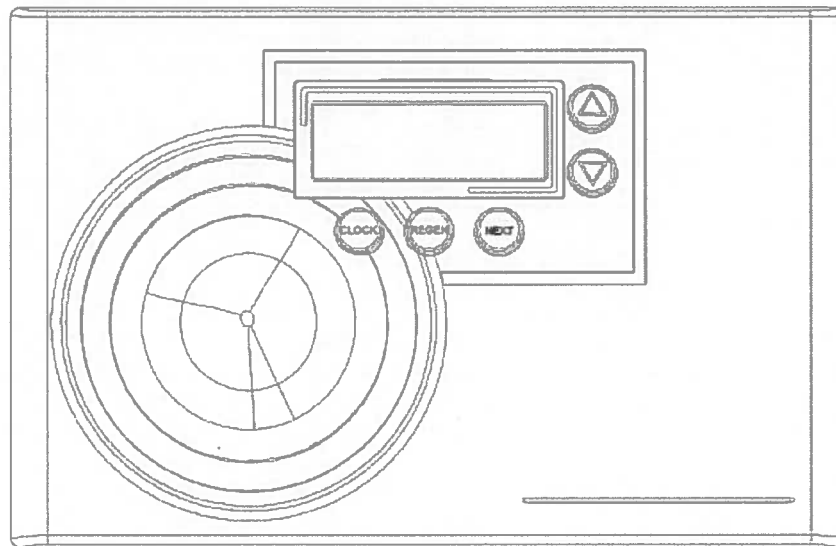




MASTER
Water Conditioning Corp.

Installation and Operation Manual



CLR SIMPLUS Top Mount Sulfur Filters

November 2018 Version

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Installation and Operating Instructions for
Top Mount CLRSimplus Units
For Sulfur Reduction

Model #:

_____	CLRSimplus 744	½ CF Simplus
_____	CLRSimplus 948	1 CF Simplus
_____	CLRSimplus 1054	1.5 CF Simplus

Shipping Carton Description / unit:

# of cartons	Contents	Description
1	Mineral tank	Distributor pipe installed
1	Chlorine tank	464 shutoff valve assembly. *NOTE: CLR valve is shipped in chlorine tank.
1	CLR control valve	CLR timer and backwash flow control and bypass with 1" copper or pvc connection
	Simplus Media	½ -cubic foot boxes

Filter Media is Packaged as Follows:

Model #	Garnet*	Simlus Media
CLRSimplus 744	N/A	(1) ½ CF
CLRSimplus 948	N/A	(2) ½ CF
CLRSimplus 1054	N/A	(3) ½ CF

NOTE: ALL CLRSIMPLUS UNIT NOW HAVE THE NEW VORTECH PLATE DISTRIBUTOR AND NO LONGER REQUIRE GARNET.

NOTE: THIS CLRSimplus Unit IS NOT INTENDED TO BE USED FOR TREATING WATER THAT IS MICROBIOLOGICALLY UNSAFE OR OF UNKNOWN QUALITY WITHOUT ADEQUATE DISINFECTION WHETHER BEFORE OR AFTER THE SYSTEM.

Simplus Positioning:

1. Place Simplus unit in desired position, far enough from walls and other obstructions to allow for servicing the unit.
2. Place the Simplus unit within reasonable access to a grounded 115V/60 HZ circuit and a legal drain line connection.

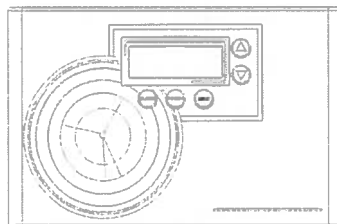
Simplus Tank Loading:

1. Remove yellow caplug from top of tank. DO NOT CUT white riser tube. Tube was prefitted at the factory.
2. The distributor is permanently attached to the vortech----centering is not necessary. The top of the distributor will be 5/8" above the top of the tank (this was prefitted at the factory).
3. Cover the top opening of the distributor pipe before filling the tank with media.
4. Pour the media provided with the unit into the top of the tank. See page one for your specific model number unit to determine the amount of media to load into the mineral tank.
5. Remove the material used to cover the top opening of the distributor pipe.

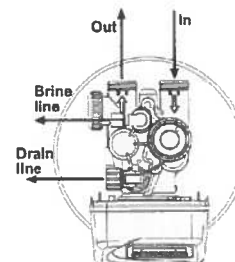
Clear Reflections Control Valve:

1. When facing the front of the MP-Clear Reflections timer, the inlet connection is located on the right and the outlet connection is on the left. The control valve's inlet and outlet connections are either 1" copper or PVC equipped with split ring and nut.

Control Valve



Front View



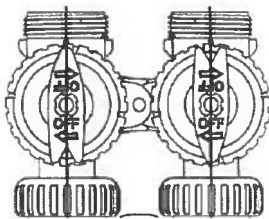
Top View

2. Turn the control valve upside down and ensure that the control valve distributor o'ring is in place. Use silicone lubricant on the o'ring.

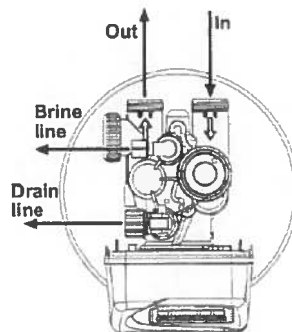
****DO NOT USE PETROLEUM!****

****USE ONLY SILICONE ****

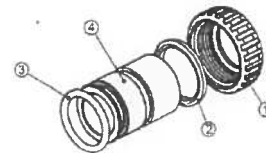
3. Place the control valve onto the distributor pipe and into the tank opening.
4. Thread the control valve hand tight . Do not overtighten.
5. Locate the bypass valve assembly that is packaged with the control valve. The bypass valve has two red handles that indicate flow direction, two threaded connections for the tail piece kit and two o'ring seal connections with nuts for the control valve. Align the insert connection ends with o'ring seals and nuts to the inlet and outlet connections of the control valve. Hand tighten the nuts. **DO NOT OVERTIGHTEN THE NUT!**



Bypass Valve



Control Valve

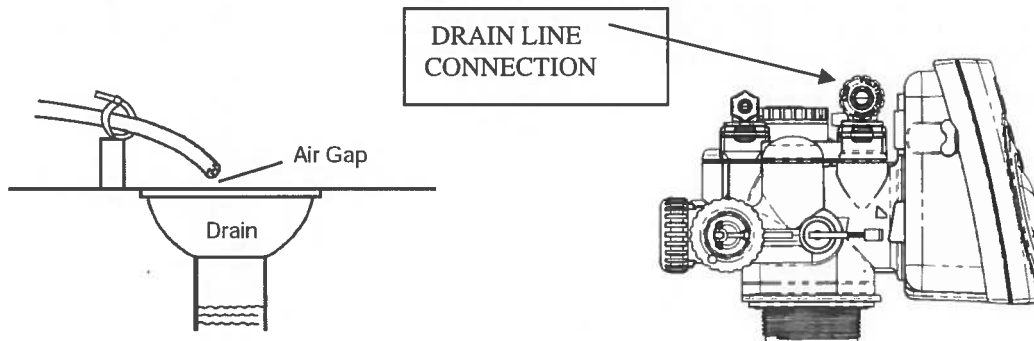


Tail piece assembly

6. Locate the tail piece kit that is packaged with the control valve. The standard tail piece kit is 1" copper with optional 1" / 3/4" PVC or 3/4" copper kits available as a special order. Each tail piece, o'ring, split ring and nut is presassembled at the factory. Align a tail piece assembly to the bypass valve threaded inlet and insert until the nut can be tightened. Hand tighten the nut because excessive tightening will damage the assembly. **REPEAT THE PROCEDURE FOR THE OUTLET CONNECTION.**

Service and Drain Piping:

1. Pipe Simplus unit into the service lines .The inlet and outlet connections of the control valve are 1" copper or PVC and are located on the back of the valve body. As you face the timer the inlet is on the right and the outlet is on the left. Always follow local plumbing codes when installing our water treatment equipment.
2. If sweat fittings are used, be sure soldering is done in such a manner as not to allow heat to reach the control valve or bypass. (If Schedule 80 PVC is used make sure to follow the proper primer and solvent instructions.)
3. The drain line connection is 5/8 OD or 3/4" npt and is located on the top left of the valve as you face the timer. It is recommended you install a 3/4" union on the drain line for servicing. The drain line must be of adequate size to allow for full regeneration flow.



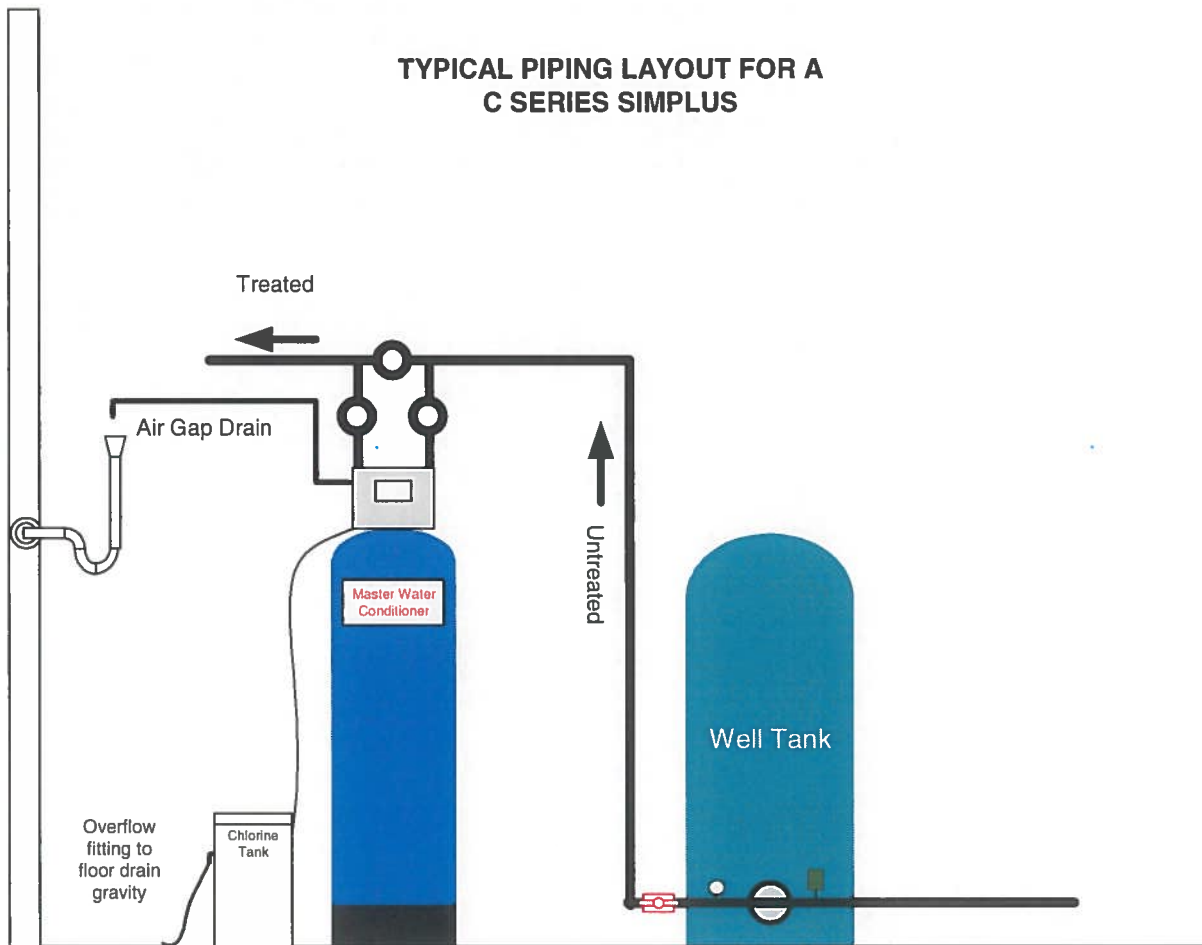
- The control valve drain connection is 3/4" npt.
- Never decrease the drain piping size to below the drain connection size.
- Maximum drain line length is 30 feet.
- Maximum drain line height is 6 feet above the control valve.
- The drain line must be piped to an open air gap (See Figure above)
- Always follow local plumbing codes.

UNDER NO CIRCUMSTANCES SHOULD THERE BE A DIRECT CONNECTION WITH SANITARY SEWAGE FACILITIES.



MASTER
Water Conditioning Corp.

**TYPICAL PIPING LAYOUT FOR A
C SERIES SIMPLUS**



NOTE: All Master Water Conditioners must be installed after the well tank or water meter if its public water supply.

Electrical Requirements:

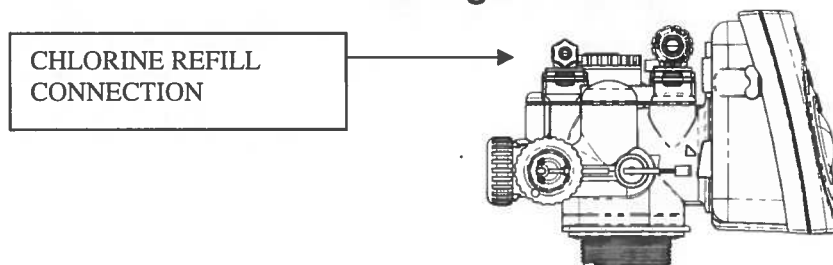
Always follow all local electrical codes when installing our water treatment equipment.

1. Provide an 115v/60Hz properly grounded dedicated electrical Outlet. (It's very important that the polarity be correct)
Avoid using outlets that are switch controlled.
2. Maximum amperage required is 5 amps.
3. Make sure the electrical service provides power 24 hours per day.
We recommend installing a **surge protector** to protect unit from power surges, which are not covered by warranty.

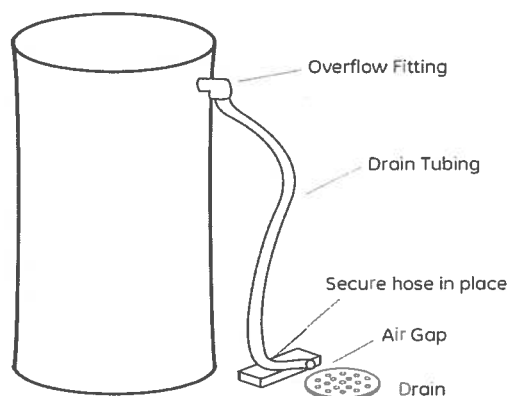
Chlorine Tank:

1. The chlorine tank should be located directly beside the Simplus unit mineral tank.
2. Connect the 3/8" poly tubing to the 3/8" black elbow compression fitting located on the top left side of the CLR control valve.

See Figure Below.



If the chlorine tank is equipped with a shutoff valve, the float height was preset at the factory.



Filling Simplus unit with Water:

1. Connect each CLR control valve transformer into the electrical outlet provided.
2. The valve screens will be activated and show the time of day.
3. Press and hold REGEN button for five seconds until the drive motor starts. When the drive motor stops, the display will read BACKWASH position.
4. Open the inlet ball valve a ¼ turn of its full open position to allow water to enter the water filter mineral tank slowly. The water is going to enter the tank from the bottom of the distributor pipe and leave the tank from the top. This will slowly purge all the air from the tank.
IF WATER ENTERS THE TANK TOO FAST, ALL THE CATION RESIN WILL BE FLUSHED TO DRAIN DURING START UP.
5. When only water is running to the drain, open the inlet and outlet ball valves fully.
6. Press the REGEN button to advance the control valve to the brine/rinse position. The display will read BRINE.
7. Once the drive motor stops, press the REGEN button to advance the control valve to the fast rinse position. The display will read RINSE. At this point, you are done advancing through positions manually. Unit will now rinse.
8. When the drive motor starts, the control valve will automatically advance to the brine refill position where the chlorine tank will fill with the proper amount of water. The display will read FILL. Note: keep in fill position until time runs out.

NOTE: WHEN THE FILLING PROCESS IS COMPLETE, THE TIMER WILL AUTOMATICALLY ADVANCE TO THE SERVICE POSITION AND THE DISPLAY WILL READ TIME OF DAY.

Clear Reflections Control Valve Timer Settings:

Note: The control valve is set at the factory. You only need to set the time of day , hardness and regeneration time if required, which is preset at 2 am.

Time of Day Setting

- 1) Press the CLOCK button. The screen will show the Time of Day in blinking numbers.
- 2) To change the Time of Day, press CLOCK, use the UP and DOWN arrows to set the Hour.
- 3) To change the Minutes, press CLOCK, use the UP and DOWN arrows to set the Minutes
- 4) Press the CLOCK button.

Regeneration Day Override Setting (the factory default is OFF)

- 1) Press the NEXT and UP arrow , hold for 3 seconds. The screen will show the Regeneration Day Override in blinking numbers.
- 2) To change the number, use the UP or DOWN arrows.
- 3) Press the NEXT button.

Time of Regeneration Setting (the factory default is 1 AM)

- 1) The screen will show the Time of Regeneration in blinking numbers.
- 2) If Regeneration time change is desired, use the UP or DOWN arrows. Follow steps in "Time of Day Setting".
- 3) Press the NEXT button.

Final Check:

1. Make sure the drain line connection meets all plumbing codes and that the drain line size can handle the backwash flow rate of the softener.
2. Make sure the Inlet and Outlet on bypass valve are open.
3. Make sure the control valve timer is plugged into an electrical outlet with power 24 hours per day.
4. Check all piping for leaks.

MANUAL REGENERATION

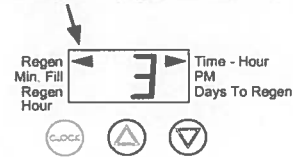
NOTE: For softeners, if brine tank does not contain salt, fill with salt and wait at least 2 hours before regeneration.

If you need to initiate a manual regeneration, either immediately, or tonight at the preprogrammed time (typically 2 a.m.), complete the following steps.

For Immediate Regeneration:

Press and hold Δ and ∇ simultaneously until valve motor starts (typically 3 seconds).

Arrow will point to Regen if a regeneration is expected "Tonight."



For Regeneration Tonight:

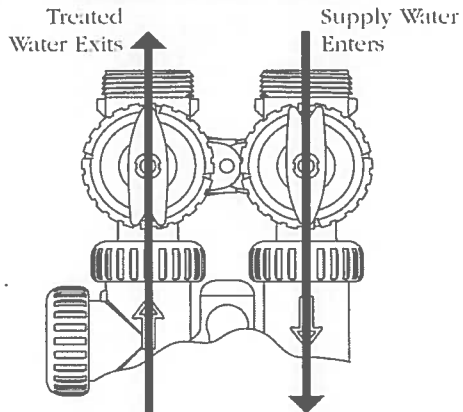
Press and release Δ and ∇ simultaneously (notice that arrow points to Regen).

If the display shows "E1," "E2" or "E3" (for error), call a service technician.

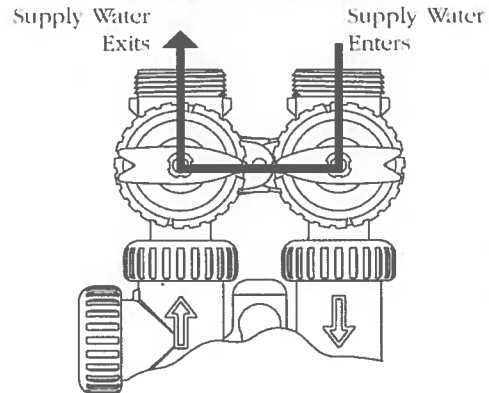


To **shut off water** to the system, please position arrow handles as shown in the **bypass operation** diagram below. If your valve doesn't look like the diagram below, contact your service technician for instructions on how to shut off water.

NORMAL OPERATION



BYPASS OPERATION



BYPASS VALVE OPERATION

Figure 1

NORMAL OPERATION

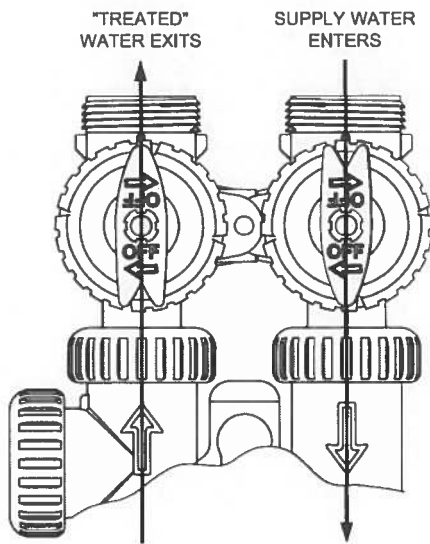


Figure 2

BYPASS OPERATION

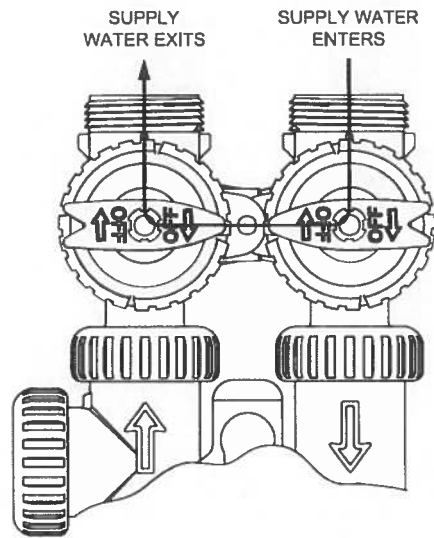


Figure 3

DIAGNOSTIC MODE

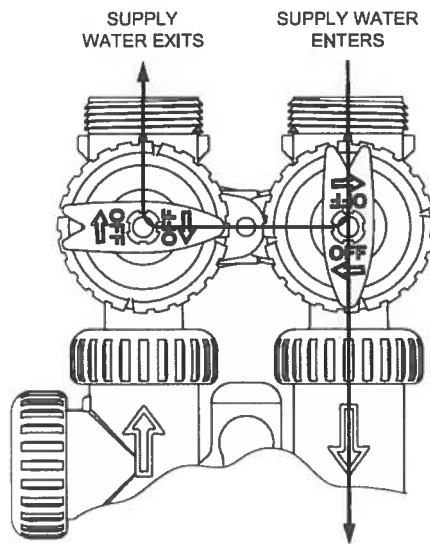
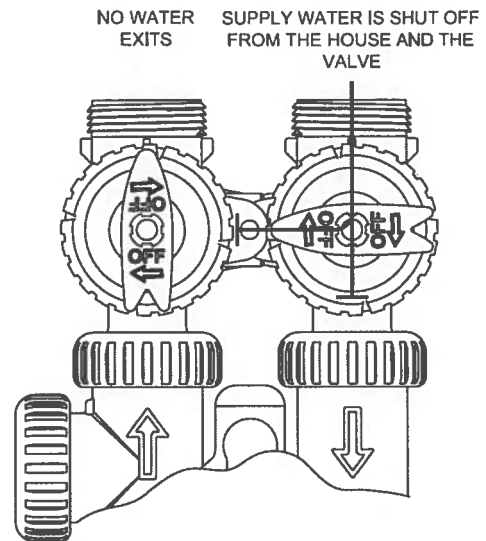


Figure 4

SHUT OFF MODE



Troubleshooting

Problem: Rotten egg odor returns

Possible Cause	Solution
Media bed may be fouled	Add 1 qt. of chlorox bleach and manually regenerate unit

Problem: Water conditioner fails to regenerate. No treated water.

Possible Cause	Solution
Faulty electrical supply	Verify that electrical power is getting to the outlet
Low inlet water pressure	Verify a minimum 30 psi inlet water pressure
Drain line restriction	Insure that the drain line is free of blockage
Defective timer motor	Replace timer motor
Manual bypass valve is open.	Close manual bypass valve.
Leak at riser pipe seal.	Insure that riser pipe is properly sealed at o'ring seal. Inspect pipe for cracks.
Plugged injector or injector screen.	Inspect and clean injector and/or injector screen.
Incorrect P Value Programming	Reprogram with proper P Value

Problem: No Brine Draw

Possible Cause	Solution
Plugged injector or injector screen.	Inspect and clean injector and/or injector screen.
Insufficient water pressure.	Verify a minimum 30 psi inlet water pressure
Obstructed drain line.	Remove obstruction.

Problem: Insufficient brine draw

Possible Cause	Solution
Partially clogged injector or injector screen.	Inspect and clean injector and/or injector screen assembly.
Restricted flow rate in brine line.	Check flow rate capabilities of the safety float/aircheck assembly.
Insufficient water pressure.	Verify a minimum 30 psi inlet water pressure
Excessive back pressure on injector due to elevated drain line.	Reduce drain line elevation to height of valve.
Damaged piston stack assembly	Replace piston stack assembly
Damaged piston rod assembly	Replace piston rod assembly
Incorrect P Value Programming	Reprogram with proper P Value
Partially restricted drain line.	Remove restriction.

Problem: Loss of Media to Drain

Possible Cause	Solution
No flow control installed in drain line.	Install drain line flow control.

Problem: Leak to Drain

Possible Cause	Solution
No flow control installed in drain line.	Install drain line flow control.
Insufficient water pressure.	Increase water pressure above 25 psig (172kPa) minimum.
Damaged piston stack assembly	Replace piston stack assembly
Damaged piston rod assembly	Replace piston rod assembly

Problem: Loss of Water Pressure

Possible Cause	Solution
Fouled media bed due to iron.	Clean control valve and mineral bed with cleaner.
Slots in riser pipe or laterals are filled with media fines.	Inspect and clean distributor pipe slots as needed.

Problem: Timer does not display time of day

Possible Cause	Solution
AC Adapter unplugged	Connect power
No electric power at outlet	Repair outlet or use working outlet
Defective AC Adapter	Replace AC Adapter
Defective PC Board	Replace PC Board

Problem: Timer does not display correct time of day

Possible Cause	Solution
Switched outlet	Use uninterrupted outlet
Power Outage	Reset time of day
Defective PC Board	Replace PC Board

Problem: Control Valve regenerates at wrong time of day

Possible Cause	Solution
Power Outages	Reset control valve to correct time of day
Time of day not set correctly	Reset to correct time of day
Time of regeneration incorrect	Reset regeneration time

Problem: Control valve stalled in regeneration

Possible Cause	Solution
Motor not operating	Replace motor
No electric power at outlet	Repair outlet or use working outlet
Defective AC adapter	Replace AC adapter
Defective PC board	Replace PC board
Broken drive gear or drive cap assembly	Replace drive gear or drive cap assembly
Broken piston retainer	Replace piston retainer
Broken main or regenerate piston	Replace main or regenerate piston

Problem: Control valve does not regenerate automatically when UP and DOWN buttons are held and depressed

Possible Cause	Solution
AC adapter unplugged	Connect AC adapter
No electric power at outlet	Repair outlet or use working outlet
Broken drive gear or drive cap assembly	Replace drive gear assembly
Defective PC board	Replace PC board

Problem: Control valve does not regenerate automatically but does when UP and DOWN buttons are depressed and held

Possible Cause	Solution
Defective PC board	Replace PC board
Set-up error	Check control valve set-up procedure

ERROR CODES

ERROR DESCRIPTIONS

(V3890MP-02 BOARD with 5800.0 Software)

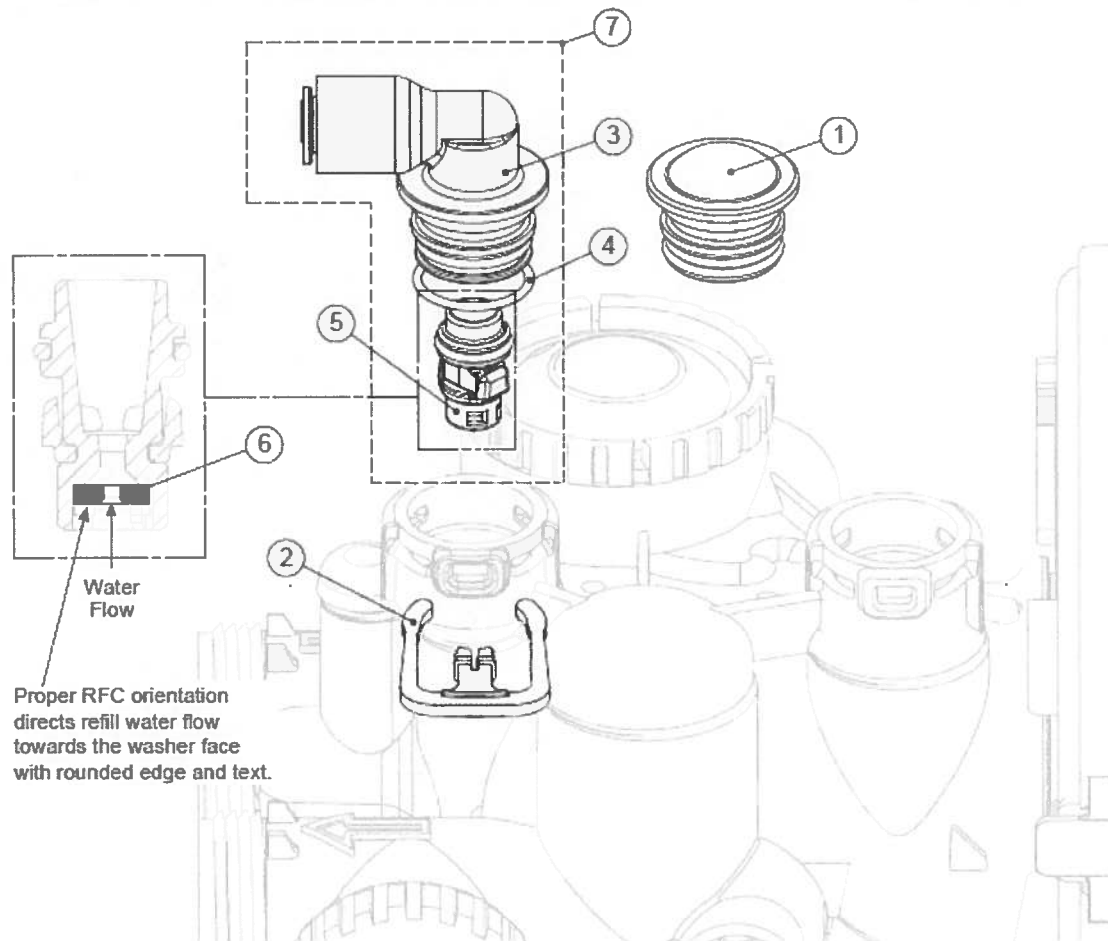
101	UNABLE TO START. Control not sensing valve movement with motor output energized.
102	#1 MAV/Stager #1 MOTOR STALLED. Unable to find proper park position.
103	#1 MAV/Stager #1 MOTOR RAN TOO LONG. Unable to find proper park position.
104	#1 MAV/Stager #1 VALVE HOMING. Control unable to find the HOME position of the valve
106	#2 MAV/Stager #2 MOTOR RAN TOO LONG. Unable to find proper park position.
107	#2 MAV/Stager #2 MOTOR STALLED. Unable to find proper park position.
109	INVALID MOTOR STATE Control can no longer operate due to the detection of an invalid motor state.
116	#3 MAV/Stager #3 MOTOR RAN TOO LONG. Unable to find proper park position.
117	#3 MAV/Stager #3 MOTOR STALLED. Unable to find proper park position.
126	#4 MAV/Stager #4 MOTOR RAN TOO LONG. Unable to find proper park position.
127	#4 MAV/Stager #4 MOTOR STALLED. Unable to find proper park position.
201	INVALID REGEN STEP Control can no longer operate due to the detection of an invalid regeneration cycle step (Internal software error)
402	POWER DOWN MEMORY Control can no longer operate due to a <u>check sum error</u> for the operational data and status section memory
403	PROGRAM MEMORY Control can no longer operate due to a <u>check sum error</u> for the programming section memory
404	DIAGNOSTIC MEMORY Control can no longer operate due to a <u>check sum error</u> for the diagnostic section memory
405	HISTORY MEMORY Control can no longer operate due to a <u>check sum error</u> for the history section memory
406	CONTACT MEMORY Control can no longer operate due to a <u>check sum error</u> for the contact screen section memory.

- 407 STATUS RAM MEMORY FAILURE Control can no longer operate due to corrupted data detected in the operational and status section. Once generated the error mode is not entered nor an error display viewed.
Instead previous (<6 hours) data is used
- 408 DIAGNOSTIC RAM MEMORY FAILURE Control can no longer operate due to corrupted data detected in the diagnostic section. Once generated, the error mode is not entered nor an error display viewed.
Instead previous (<6 hours) data is used.
- 410 CONFIG DOWNLOAD Configurator file downpoaded to the control was not originally uploaded from another control with the identical software.

Refill Flow Control Assembly and Refill Port Plug

Drawing No.	Order No.	Description	Quantity
1	V3195-01	WS1 Refill Port Plug Asy	This part is required for backwash only systems
2	H4615	Elbow Locking Clip	1
3	H4628	Elbow 3/8" Liquifit	1
4	V3163	O-ring 019	1
5	V3165-01*	WS1 RFC Retainer Asy (0.5 gpm)	1
6	V3182	WS1 RFC	1
7	V4144-01	Elbow 3/8 Liquifit Asy w/RFC	1
Not Shown	V3552	WS1 Brine Elbow Asy w/RFC	Option
Not Shown	H4650	Elbow 1/2" with nut and insert	Option

*Assembly includes V3182 WS1 (0.5 gpm) RFC.



Injector Cap, Injector Screen, Injector, Plug and O-Ring

Drawing No.	Order No.	Description	Quantity
1	V3176	INJECTOR CAP	1
2	V3152	O-RING 135	1
3	V3177-01	INJECTOR SCREEN CAGE	1
4	V3010-1Z	WS1 INJECTOR ASY Z PLUG	1
5	V3010-1A	WS1 INJECTOR ASY A BLACK	1
	V3010-1B	WS1 INJECTOR ASY B BROWN	
	V3010-1C	WS1 INJECTOR ASY C VIOLET	
	V3010-1D	WS1 INJECTOR ASY D RED	
	V3010-1E	WS1 INJECTOR ASY E WHITE	
	V3010-1F	WS1 INJECTOR ASY F BLUE	
	V3010-1G	WS1 INJECTOR ASY G YELLOW	
	V3010-1H	WS1 INJECTOR ASY H GREEN	
	V3010-1I	WS1 INJECTOR ASY I ORANGE	
	V3010-1J	WS1 INJECTOR ASY J LIGHT BLUE	
	V3010-1K	WS1 INJECTOR ASY K LIGHT GREEN	
Not Shown	V3170	O-RING 011	*
Not Shown	V3171	O-RING 013	*

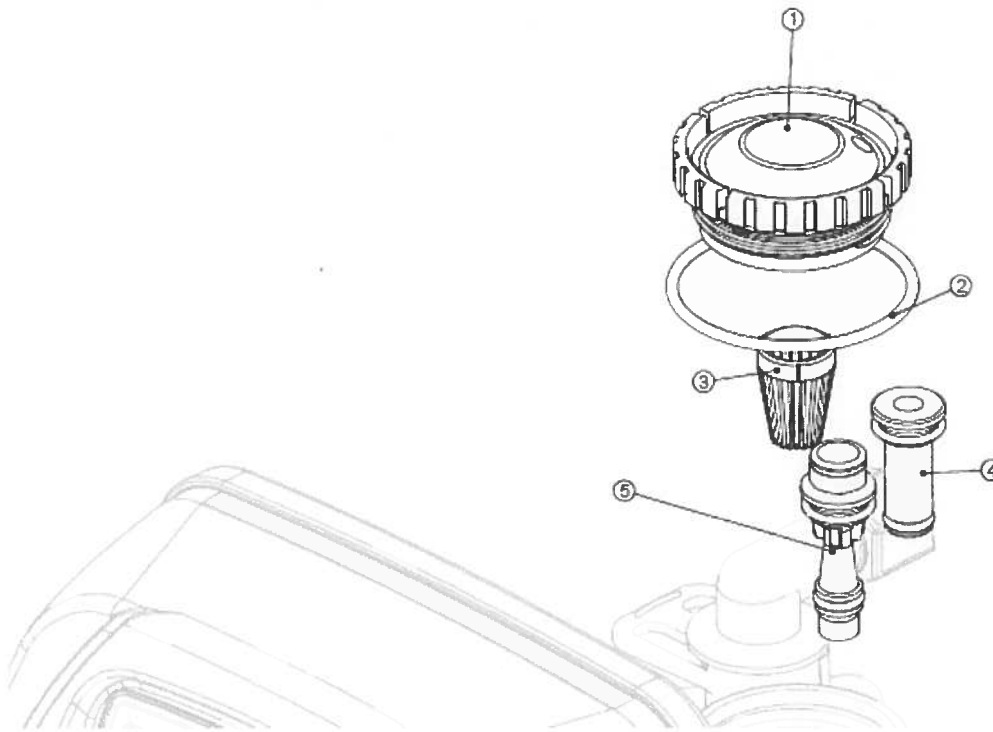
* The injector plug and the injector each contain one 011 (lower) and 013 (upper) o-ring.

Note: For upflow position, injector is located in the up hole and injector plug is in the other hole.

WS1 and WS1.25 upflow bodies are identified by having the DN marking removed.

Upflow option is not applicable to EE, EI, or TC control valves.

For a filter that only backwashes, injector plugs are located in both holes.

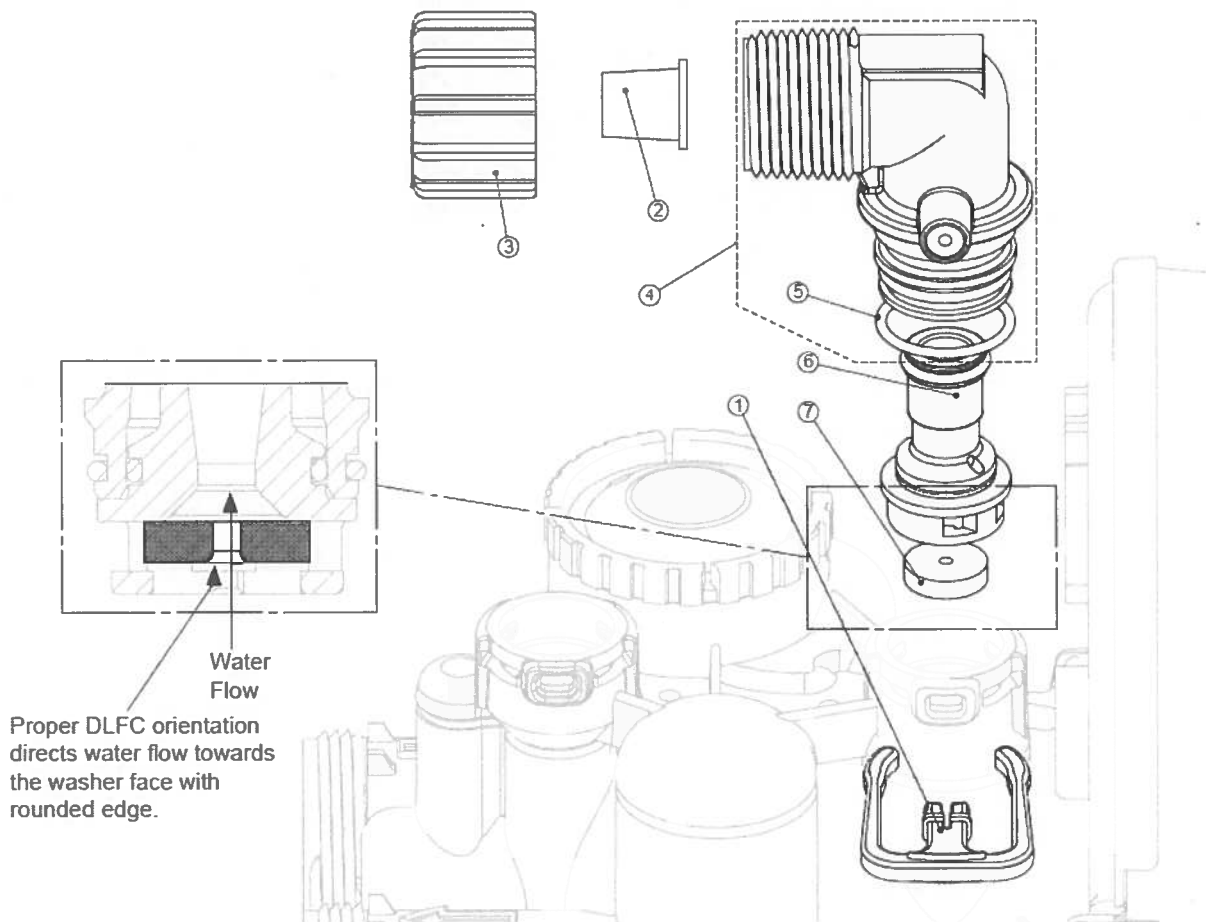


Drain Line – 3/4"

Drawing No.	Order No.	Description	Quantity
1	H4615	Elbow Locking Clip	1
2	PKPI0TS8-BULK	Polytube insert 5/8	Option
3	V3192	WS1 Nut 3/4 Drain Elbow	Option
4*	V3158-01	WS1 Drain Elbow 3/4 Male	1
5	V3163	O-ring 019	1
6*	V3159-01	WS1 DLFC Retainer ASY	1
7	V3162-007	WS1 DLFC 0.7 gpm for 3/4	One DLFC must be used if 3/4 fitting is used
	V3162-010	WS1 DLFC 1.0 gpm for 3/4	
	V3162-013	WS1 DLFC 1.3 gpm for 3/4	
	V3162-017	WS1 DLFC 1.7 gpm for 3/4	
	V3162-022	WS1 DLFC 2.2 gpm for 3/4	
	V3162-027	WS1 DLFC 2.7 gpm for 3/4	
	V3162-032	WS1 DLFC 3.2 gpm for 3/4	
	V3162-042	WS1 DLFC 4.2 gpm for 3/4	
	V3162-053	WS1 DLFC 5.3 gpm for 3/4	
	V3162-065	WS1 DLFC 6.5 gpm for 3/4	
	V3162-075	WS1 DLFC 7.5 gpm for 3/4	
	V3162-090	WS1 DLFC 9.0 gpm for 3/4	
	V3162-100	WS1 DLFC 10.0 gpm for 3/4	

*4 and 6 can be ordered as a complete assembly - V3331 WS1 Drain Elbow and Retainer Asy

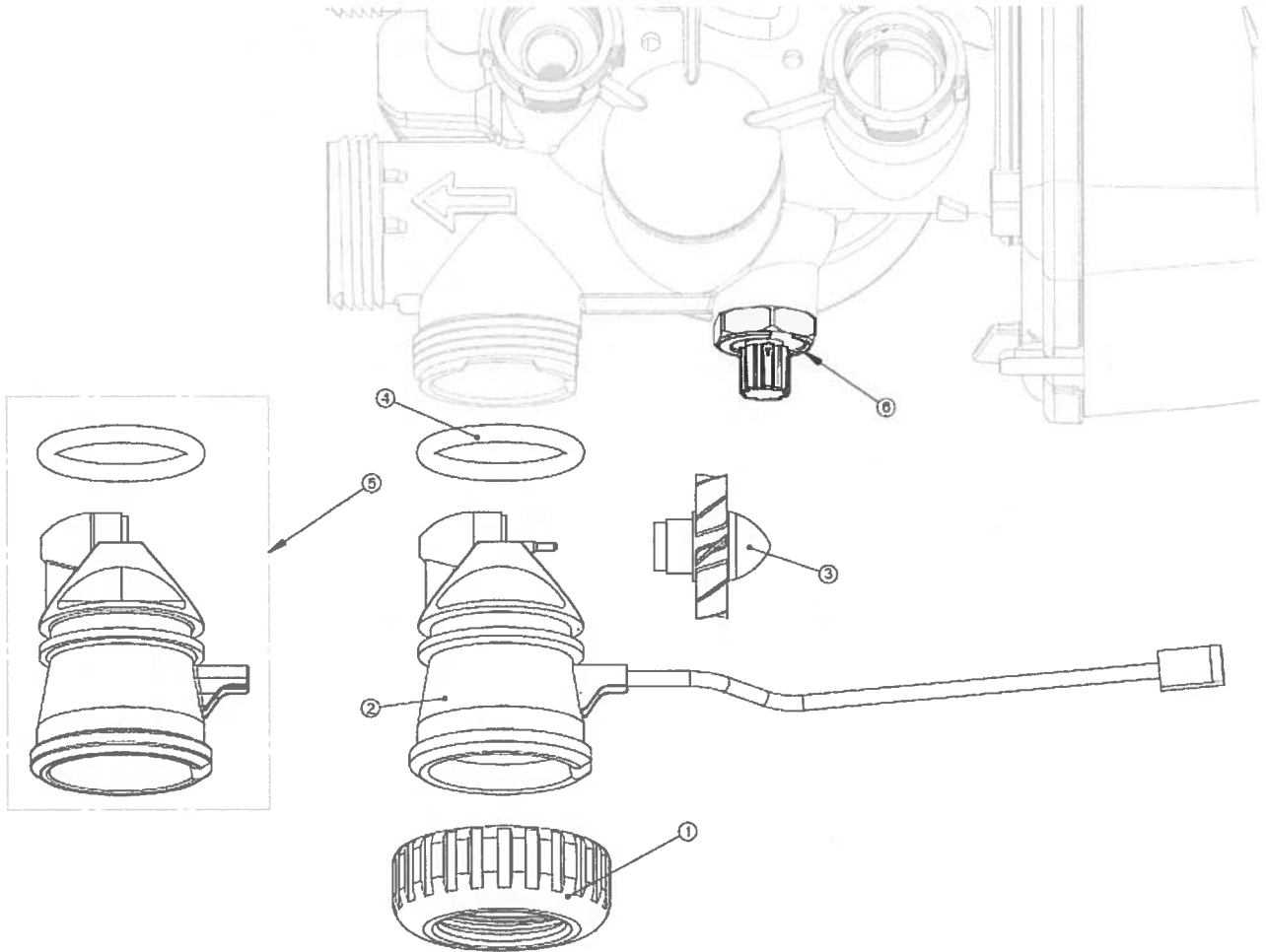
Valves are shipped without drain line flow control (DLFC) - install DLFC before using. Valves are shipped without 3/4 nut for drain elbow (polytube installation only) and 5/8" polytube insert (polytube installation only).



Water Meter, Meter Plug and Mixing Valve

Drawing No.	Order No.	Description	Quantity
1	V3151	WS1 Nut 1" QC	1
2	V3003*	WS1 Meter ASY	1
3	V3118-01	WS1 Turbine ASY	1
4	V3105	O-ring 215	1
5	V3003-01	WS1 Meter Plug ASY	1
6	V3013	Mixing Valve	Optional

*Order number V3003 includes V3118-01 WS1 Turbine ASY and V3105 O-ring



THIS WATER METER SHOULD NOT BE USED AS THE PRIMARY MONITORING DEVICE FOR CRITICAL HEALTH EFFECT APPLICATIONS.

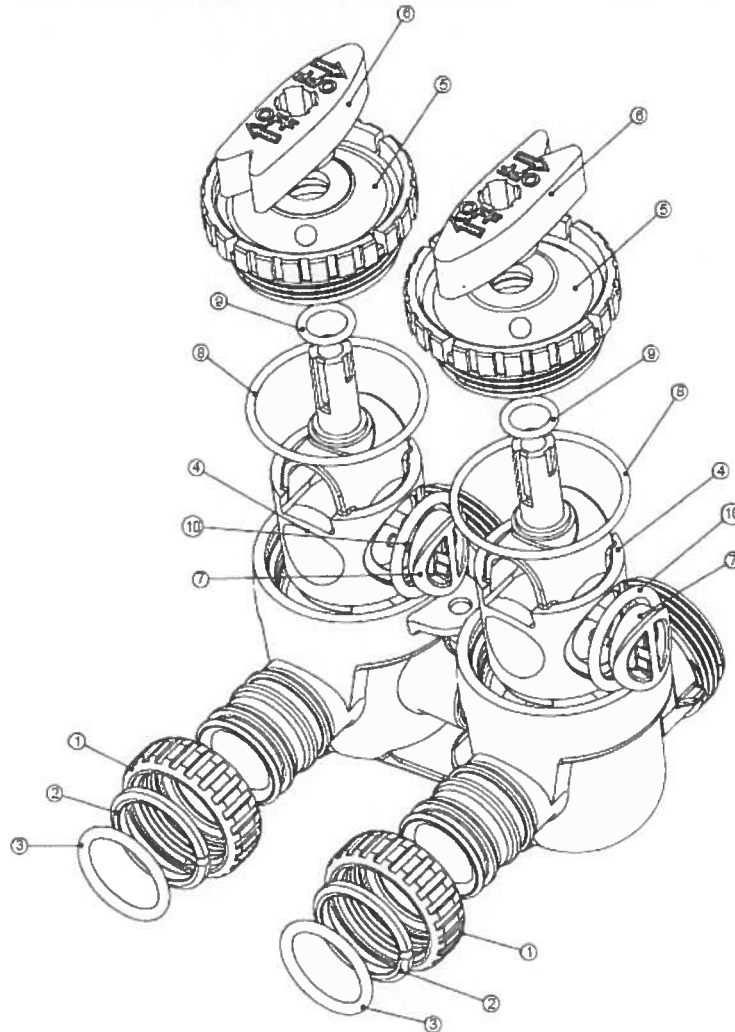
NOTE: A water meter is not applicable for a TC control valve.

Bypass Valve

Drawing No.	Order No.	Description	Quantity
1	V3151	WS1 Nut 1" Quick Connect	2
2	V3150	WS1 Split Ring	2
3	V3105	O-Ring 215	2
4	V3145	WS1 Bypass 1" Rotor	2
5	V3146	WS1 Bypass Cap	2
6	V3147	WS1 Bypass Handle	2
7	V3148	WS1 Bypass Rotor Seal Retainer	2
8	V3152	O-ring 135	2
9	V3155	O-ring 112	2
10	V3156	O-ring 214	2

(Not Shown) Order No. V3191-01, Description: WS1 Bypass Vertical Adapter Assembly

Order No.	Description	Quantity
V3151	WS1 Nut 1" Quick Connect	2
V3150	WS1 Split Ring	2
V3105	O-Ring 215	2
V3191	WS1 Bypass Vertical Adapter	2



MP Front Cover and Drive Assembly

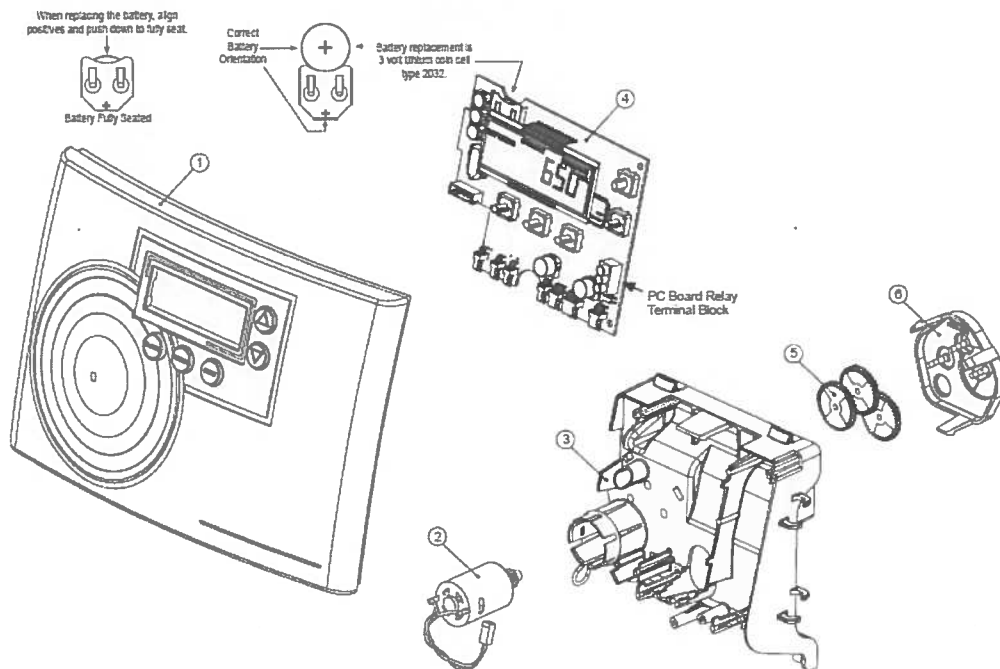
Drawing No.	Order No.	Description	Quantity
1	V3371-01	WS1MR FRONT COVER ASSEMBLY	1
2	V3107-01	WS1 MOTOR	1
3	V3106-01	WS1 DRIVE BRACKET & SPRING CLIP	1
4	V3890MP-02BOARD	WS1 THRU 2L/2 MP PCB XMEGA REPLACE	1
5	V3110	WS1 DRIVE REDUCING GEAR 12X36	3
6	V3109	WS1 DRIVE GEAR COVER	1
NOT SHOWN	V3186	WS1 AC ADAPTER 120V-12V	1
	V3186-01	WS1 AC ADAPTER CORD ONLY	
NOT SHOWN	V3372	WS1MR DRIVE BACK PLATE	1
NOT SHOWN	V3463	WS1MR QUARTER TURN FASTENERS	2
NOT SHOWN	V3466	O-RING 008	2

Refer to Control Valve Service Manual for other drawings and part numbers.

AC Adapter	U.S.
Supply Voltage	120 V AC
Supply Frequency	60 Hz
Output Voltage	12 V AC
Output Current	500 mA

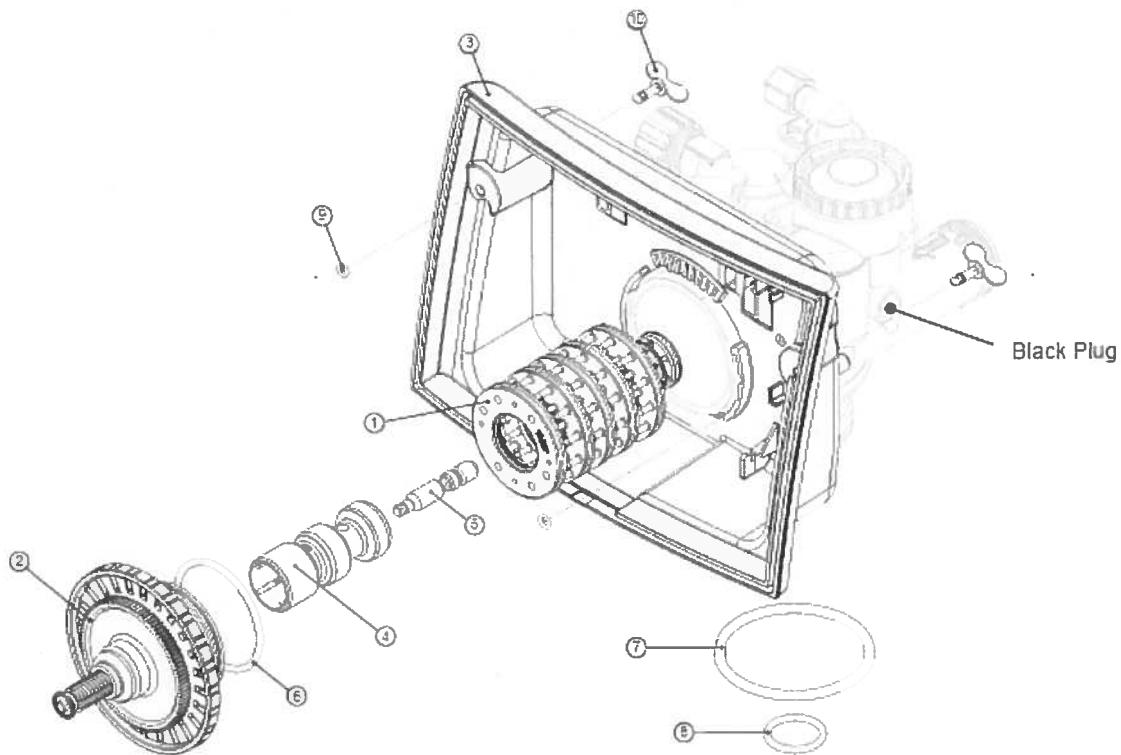
Relay Specifications: 12V DC Relay with a coil resistance not less than 80 ohms. If mounting the relay under the cover check for proper mounting location dimensions on the backplate.

Wiring For Correct On/Off Operation	
PC Board Relay Terminal Block	Relay
RLY 1	Coil -
V +	Coil +
RLY 2	Coil -



Drawing No.	Order No.	Description	Quantity
1	V3005	WS1 Spacer Stack Assembly	1
2	V3004	Drive Cap ASY	1
3	V3372	WS1MR Drive Back Plate	1
4	V3011	WS1 Piston Downflow ASY	1
5	V3174	WS1 Regenerant Piston	1
6	V3135	O-ring 228	1
7	V3180	O-ring 337	1
8	V3105	O-ring 215 (Distributor Tube)	1
9	V3466	O-ring 008	2
10	V3463	WS1MR Quarter Turn Fasteners	2
Not Shown	V3001	WS1 Body ASY Downflow	1
	V3001-02	WS1 Mixing Valve Body ASY	
	V3001UP	WS1 Body ASY Upflow	
	V3001-02UP	WS1 Mixing Valve Body Upflow ASY	
Not Shown	V3013	WS1 Mixing Valve ASY	1

Note: The regenerant piston is not used in backwash only applications.



12 YEAR LIMITED WARRANTY

As of Oct. 1, 1995

This Residential Water Conditioner is warranted for a period of **one year** from date of purchase by first user against defects in materials and workmanship. In addition, the complete control valve is warranted for **five years**. The control valve body (excluding internals and electrical parts) is warranted for **six years**. The mineral tank, plastic brine tank or cabinet tank (excluding mineral) is warranted against rust, corrosion or bursting for a period of **twelve years** from date of manufacture. Except, as specifically set forth in this paragraph, Master Water Conditioning Corporation makes no other warranties, express or implied.

This warranty shall be void if the conditioner is moved from the place of original installation, or if damage is caused by misuse, misapplication, accident, freezing, flood, fire or if not installed in accordance with instructions furnished by Master Water Conditioning Corporation.

This warranty shall be void in the event of damages from external sources or where the conditioner has been operated at pressure in excess of 100 pounds per square inch or at a temperature greater than 100 degrees F. or less than 32 degrees F. Incidental costs or consequential damages are not covered by this warranty.

All defective parts shall be returned prepaid to Master Water Conditioning Corporation for inspection. **Master shall not be liable for labor charges other than Master factory repairs.**

This warranty gives you specific legal rights, and you may have other rights which vary from state to state. Some states do not allow limitations on duration of implied warranties or exclusion of incidental or consequential damages, so the above limitations may not apply to you.

All claims must be submitted in writing to Master Water Conditioning Corporation at 224 Shoemaker Road, Pottstown, Pennsylvania 19464 within thirty (30) days from the discovery of the defect. Master Water Conditioning Corporation thereafter will correct defective parts and workmanship or rusting, corrosion or bursting within sixty (60) days.



224 Shoemaker Rd. Pottstown, Pa. 19464