

## Installation Instructions and Owners Manual

*Congratulations on the purchase of your new water softener featuring the Arabian control system. Enjoy lasting peace of mind, knowing your system is built to deliver years of reliable, softened water.*



## Table of Contents

Installation Information: Your Water Test .....1  
 Pre-Installation Instructions .....2  
 Installation.....3-4  
 Bypass Valve Operation .....5  
 Start Up Instructions .....6  
 Front Cover and Drive Assembly.....7  
 Valve Body Piston Seal Parts Diagram .....8  
 Injector Parts .....9  
 Installer Display Settings.....10  
 User Display Settings.....11-12  
 General System Information.....13  
 Spec Sheet .....14  
 Product Warranty.....15

### ORIGINAL INSTALLATION INFORMATION

Water Treatment Professional: \_\_\_\_\_ Phone: \_\_\_\_\_  
 Installation Date: \_\_\_\_/\_\_\_\_/\_\_\_\_  
 Install location: \_\_\_\_\_  
 Model No: \_\_\_\_\_  
 Serial No: \_\_\_\_\_  
 Water Test: Hardness \_\_\_\_\_ TDS \_\_\_\_\_ pH \_\_\_\_\_ Other \_\_\_\_\_  
 Water Source: City Well Other  
 Unit Capacity: Max \_\_\_\_\_ Min \_\_\_\_\_ Per Regeneration  
 Mineral Tank Size: Diameter \_\_\_\_\_ Height \_\_\_\_\_  
 Brine Tank Size: Diameter \_\_\_\_\_ Height \_\_\_\_\_  
 Salt Setting Per Regen: \_\_\_\_\_ lbs  
 Time of Regeneration: \_\_\_\_\_ AM PM  
 DLFC: \_\_\_\_\_ GPM  
 Fill Rate: \_\_\_\_\_ GPM (0.5 unless otherwise specified)  
 Injector#/Color: \_\_\_\_\_

Your Arabian Water Softening System is a precision built, high quality product. This unit will deliver softened water, for many years, when installed and operated properly. Please study this manual carefully. This manual should be kept for future reference.

If you have questions regarding your water softener, contact your local Water Treatment Professional or Charger Water Treatment Products at 8150 N. Lehigh Ave, Morton Grove, IL 60053 • [www.chargerwater.com](http://www.chargerwater.com)

## Pre-Installation Instructions

The manufacturer has preset the water treatment unit's cycle times, salt dose, exchange capacity, and the salt dose refill time.

The water treatment professional should read this page and guide the installer through setting the Hardness, Days Override, and Time of Regeneration prior to installation.

Protect your system from chlorine and chloramines found in municipal raw water supplies.

For the installer, the following settings should be used:

1. **Program Installer Settings**
  - A. -Hardness (set to local conditions)
  - B. -Day Override (factory set to 14)
  - C. -Time of Regeneration (preset to 2:00AM)
2. **Set Time of Day**
  - A. -For the homeowner, please read user display settings.

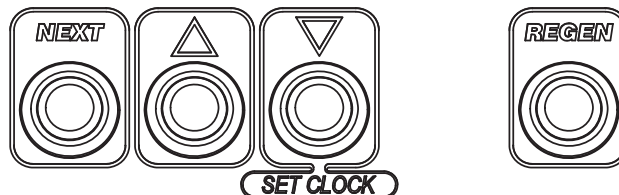
### Water Softeners:

During operation, the normal user display is time of day or volume remaining. Other displays are available and can be viewed by pressing the NEXT button to scroll through them. When stepping through any programming, if no buttons are pressed within 5 minutes, the display returns to a normal user display. Any changes made prior to the 5-minute time out are incorporated.

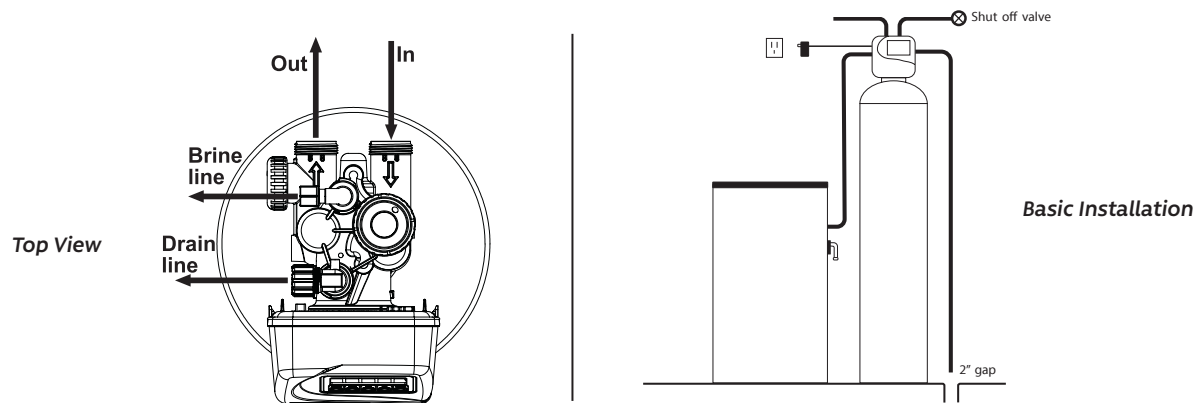
To quickly exit any programming, installer settings, etc., press the ▼ button. Any changes made prior to the exit are incorporated. If desired, two regenerations within 24 hours are possible with a return to the preset program. To do a double regeneration:

1. Press the REGEN button once. "REGEN TODAY" will flash on the display.
2. Press and hold the REGEN button for three seconds until the regeneration begins.

Once the control valve has completed the immediate regeneration, it will do another one at the next scheduled regeneration time.



## Installation



### GENERAL INSTALLATION & SERVICE WARNINGS

The control valve, fittings, and/or bypass are designed to accommodate minor plumbing misalignments but are not designed to support the weight of a system or the plumbing.

Do not use Vaseline, oils, other hydrocarbon lubricants or spray silicone anywhere. A silicone lubricant may be used on black o-rings, but is not necessary.

Do not use pipe dope or other sealants on threads. Teflon tape must be used on the threads of the 3/4" NPT connection and on the threads for the drain line connection. Teflon tape is not necessary on the nut connections or caps because o-ring seals are used. The nuts and caps are designed to be unscrewed or tightened by hand or with the special plastic service wrench, V3193-02. If necessary, a pliers can be used to unscrew the nut or cap. Do not use a pipe wrench to tighten or loosen nuts or caps. Do not place screwdriver in slots on caps and/or tap with a hammer.

### SITE REQUIREMENTS:

- Water pressure, 40-90 psi
  - Water temperature, 40°-100°F
  - The tanks should be on a firm, level surface
  - Current draw is 0.25 amperes
  - Optional 115/120v, 60Hz transformer available
1. The distance between the drain and the water conditioner should be as short as possible. All plumbing should be done in accordance with local plumbing codes.
  2. Since salt must be periodically added to the brine tank, it should be located where it is easily accessible.
  3. Do not install any water conditioner, with less than 10 feet of piping, between its outlet and the inlet of a water heater. Protect system from vacuum, reverse flow, and negative pressure.
  4. Do not locate unit where it or its connections (including the drain and overflow lines) will ever be subjected to room temperatures under 34°F. Do not install in direct UV sunlight or on waters with high chlorine or chloramines found in some city water supplies.
  5. The use of resin cleaners in an unvented enclosure is not recommended.
  6. **INLET/OUTLET PLUMBING:** Connect to a supply line downstream of outdoor spigots. Install an inlet shutoff valve and plumb to the unit's bypass valve inlet located at the right rear as you face the unit. There are a variety of installation fittings available. They are listed under Installation Fitting Assemblies. When assembling the installation fitting package (inlet and outlet), connect the fitting to the plumbing system first and then attach the nut, split ring, and o-ring. Heat from soldering or solvent cements may damage the nut, split ring, or o-ring. Solder joints should be cool and solvent cements should be set before installing the nut, split ring, and o-ring. Avoid getting solder flux, primer, and solvent cement on any part of the o-rings, split rings, bypass valve, or control valve. If the building's electrical system is grounded to the plumbing, install a copper grounding strap from the inlet to the outlet pipe. Plumbing must be done in accordance with all applicable local codes.

7. **DRAIN LINE:** First, be sure that the drain can handle the backwash rate of the system. Solder joints near the drain must be done prior to connecting the drain line flow control fitting. Leave at least 6" between the drain line flow control fitting and solder joints. Failure to do this could cause interior damage to the flow control. Install a 1/2" I.D. flexible plastic tube to the drain line barb assembly or the 5/8" O.D. nut assembly and use the 3/4" NPT fitting for rigid pipe. Where the drain line is elevated but empties into a drain below the level of the control valve, form a 7" loop at the discharge end of the line so that the bottom of the loop is level with the drain connection on the control valve. This will provide an adequate anti-siphon trap. Where the drain empties into an overhead sewer line, a sink-type trap must be used. Run drain tube to its discharge point in accordance with plumbing codes. Pay special attention to codes for air gaps and anti-siphon devices.
8. **BRINE TANK CONNECTION:** Install a 3/8" O.D. polyethylene tube from the refill elbow to the brine valve in the brine tank.
9. **OVERFLOW LINE CONNECTION:** AN OVERFLOW DRAIN LINE IS RECOMMENDED WHERE A BRINE OVERFLOW COULD DAMAGE FURNISHINGS OR THE BUILDING STRUCTURE.

Your softener may be equipped with a brine tank safety float which greatly reduces the chance of an accidental brine overflow. In the event of a malfunction, however, an OVERFLOW LINE CONNECTION will direct the "overflow" to the drain instead of spilling on the floor where it could cause considerable damage. This fitting should be on the side of the cabinet or the brine tank. Attach a length of 1/2" I.D. tubing (not supplied) to fitting and run to drain. Do not elevate overflow line higher than 3" below bottom of overflow fitting. Do not "tie" this tube into the drain line of the control valve. Overflow line must be a direct, separate line from overflow fitting to drain, sewer, or tub. Allow for an air gap per local codes.

**IMPORTANT: Never insert a drain line directly into a drain, sewer line, or trap. Always allow an air gap between the drain line and the wastewater to prevent the possibility of sewage being back-siphoned into the conditioner.**

10. **SERIAL NUMBER:** Record the serial number on the installer's and customer's records.

Bypass Valve - The bypass valve is typically used to isolate the control valve from the plumbing system's water pressure in order to perform control valve repairs or maintenance.

### Bypass Valve

The bypass valve is particularly unique in the water treatment industry due to its versatility and state-of-the-art design features. The 1" full flow bypass valve incorporates four positions including a diagnostic position that allows service personnel to work on a pressurized system while still providing untreated bypass water to the facility or residence. Its completely non-metallic, all plastic design allows for easy access and serviceability without the need for tools.

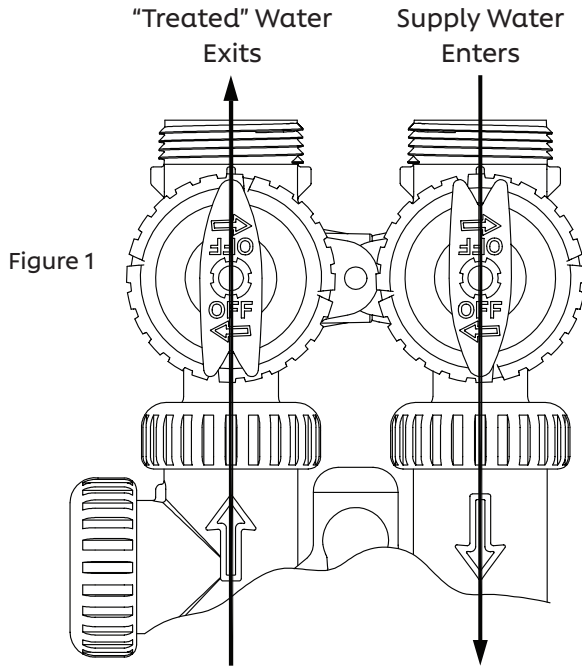
The bypass body and rotors are fiber reinforced composite and the nuts and caps are glass-filled polypropylene. All seals are self-lubricating EPDM to help prevent valve seizing after long periods of non-use.

The bypass consists of two interchangeable plug valves that are operated independently by red, arrow-shaped handles. The handles identify the flow direction of the water. The plug valves enable the bypass valve to operate in four positions. (See page 5)

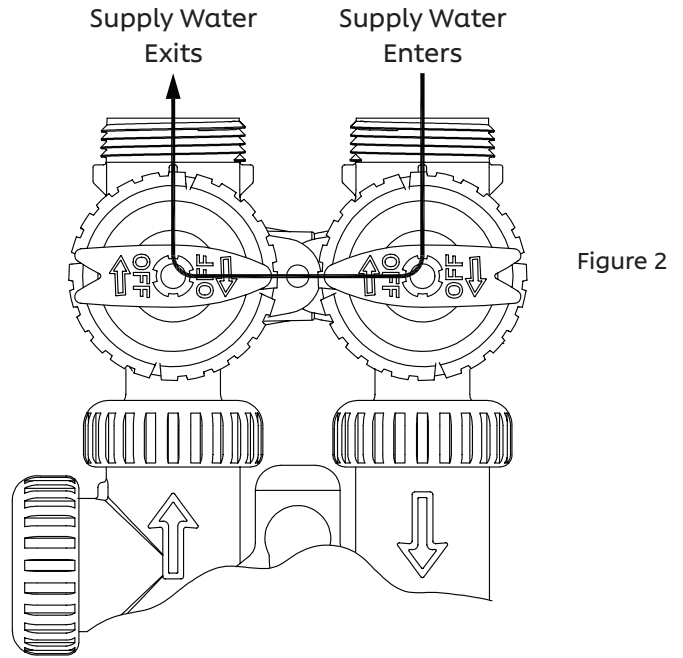
1. **Normal Operation Position:** The inlet and outlet handles point in the direction of flow indicated by the engraved arrows on the control valve. Water flows through the control valve during normal operation and this position also allows the control valve to isolate the media bed during the regeneration cycle. (See Figure 1 on page 5)
2. **Bypass Position:** When the inlet and outlet handles point to the center of the bypass, the control valve is isolated from the water pressure contained in the plumbing system. Untreated water is supplied to the plumbing system. (See Figure 2 on page 5)
3. **Diagnostic Position:** The inlet handle points in the direction of flow and the outlet handle points to the center of bypass valve, system water pressure is allowed to the control valve and the plumbing system while not allowing water to exit from the control valve to the plumbing. (See Figure 3 on page 5)
4. **Shut Off Position:** When the inlet handle points to the center of the bypass valve and the outlet handle points in the direction of flow, the water is shut off to the plumbing system. If water is available on the outlet side of the softener, it is an indication of water bypass around the system (i.e. a plumbing connection somewhere in the building bypasses the system). (See Figure 4 on page 5)

### Bypass Valve Operation

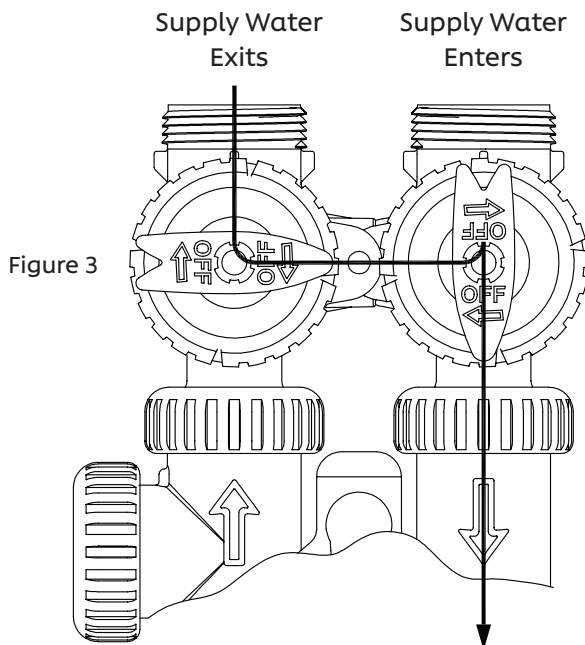
#### NORMAL OPERATION



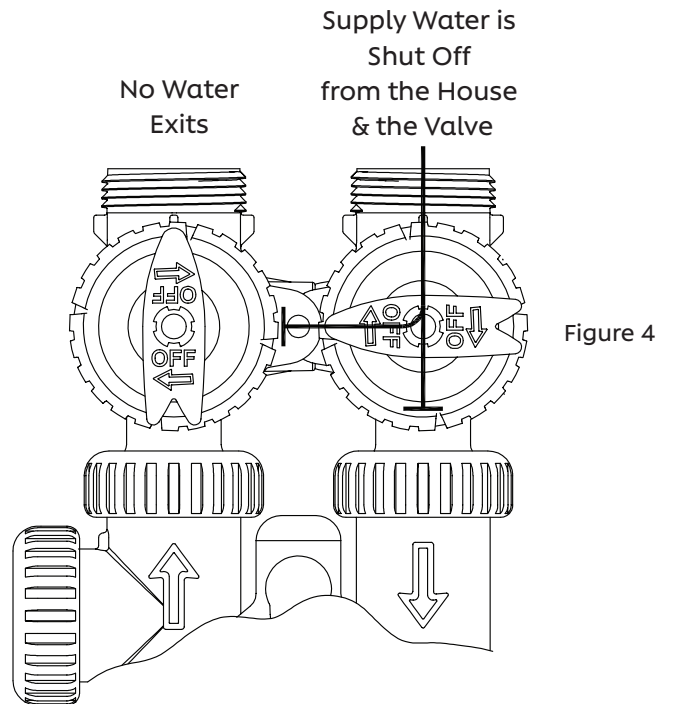
#### BYPASS OPERATION



#### DIAGNOSTIC MODE



#### SHUT OFF MODE



## Start Up Instructions

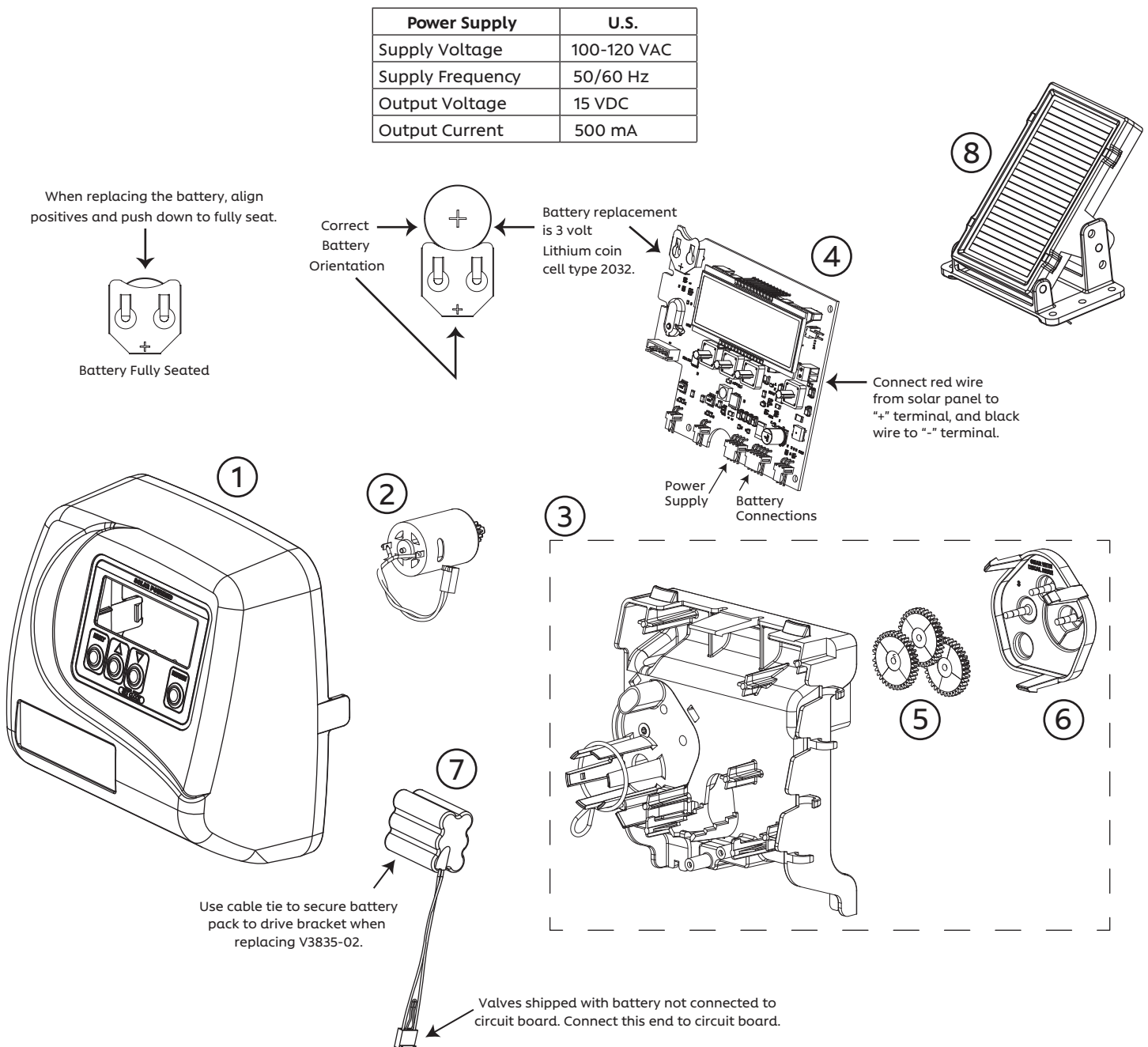
- A. After installation is completed and checked for leaks, rotate the bypass handles to the bypass position. (See Bypass Valve Diagram on page 5.)
- B. Fully open a cold water faucet.
- C. Allow water to run until clear to rid pipes of debris, which may have occurred during installation.
- D. The system is now ready for testing:
  1. With the bypass valve in the bypass position, manually pour enough water into the brine tank to reach the top of the air check valve.
  2. Press and hold the REGEN button for about three seconds until the drive motor starts. Wait until the motor stops and the display reads "BACKWASH." The backwash time will begin to count down.
  3. Open the inlet handle of the bypass valve, very slightly, allowing water to fill the tank slowly in order to expel air. CAUTION: If water flows too rapidly, there will be a loss of media out of the drain.
  4. When the water is flowing steadily to the drain without the presence of air, press the REGEN button to advance the control to the brine position. The brine time will begin to count down.
- E. Fully open the inlet bypass valve handle (bypass is now in the Diagnostic Position - see page 5 for illustration). Check to verify that water is being drawn from the brine tank. There should be a slow flow to the drain. Allow three minutes for the media bed to settle.
- F. Press the REGEN button again to advance the control to the next position and allow water to run to drain for 2-3 minutes. Control will transfer and the display will read "BACKWASH" or "RINSE" depending on the program used. If "BACKWASH" is displayed, press the REGEN button to advance the control to the RINSE position. Allow water to run to drain until clear.
- G. Press the REGEN button to advance the control to where the display reads "FILL". This will allow water to run into the brine tank and prepare it for the next regeneration. Allow the brine tank to fill automatically.
- H. While the brine tank is filling, load it with water softener salt.
- I. **UPON INSTALL OR AFTER SERVICING THE SYSTEM, SANITIZE THE SYSTEM.** Add one packet of ProProducts Sani-System® into the brine tank. Press and hold the REGEN button for about three seconds to begin regeneration. Allow the system to complete the regeneration automatically. The system will now be sanitized and producing soft water. Be sure to check for local codes, which may also specify sanitization methods.

### Front Cover and Drive Assembly

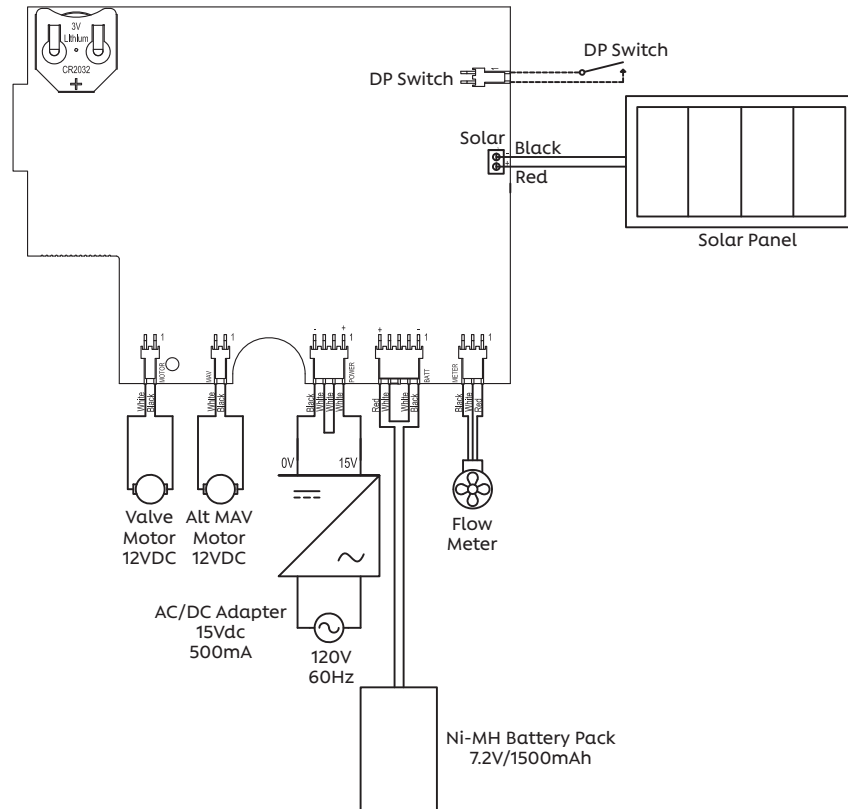
Drawing No.	Order No.	Description	Quantity
1	V3175SP-01	SP FRONT COVER ASSEMBLY	1
2	V3107-01	SP MOTOR	1
3	V3814-01	SP DRIVE BRACKET SOLAR & SPRING CLIP	1
4	V4072SP-03BOARD	SP THRU SPCB AC/DC REPL	1
5	V3110	SP DRIVE GEAR 12X36	3
6	V3109	SP DRIVE GEAR COVER	1
7	V3835-02	SP BATTERY PACK CHARGED W/TIE	1
8	V3842	SP SOLAR PANEL W/BRKT ASSY	1
Not Shown	V3186-06	SP POWER SUPPLY US 15VDC HOCP	1
Not Shown	V3178	SP WIDE DRIVE BACK PLATE	1

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

Power Supply	U.S.
Supply Voltage	100-120 VAC
Supply Frequency	50/60 Hz
Output Voltage	15 VDC
Output Current	500 mA



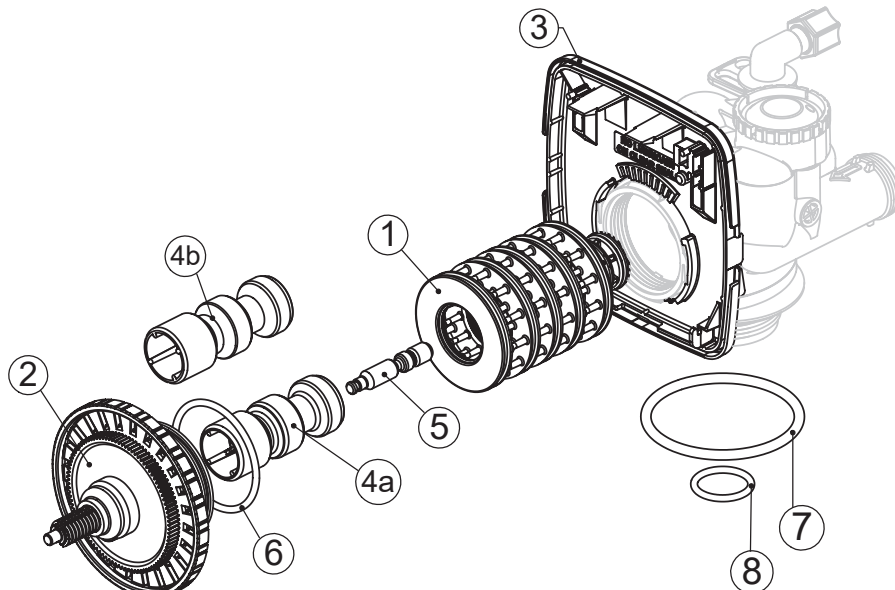
**Wiring Diagram**



**Valve Body Piston Seal Parts Diagram**

Drawing No.	Order No.	Description	Quantity
1	V3005-02	SP SPACER STACK ASSEMBLY	1
2	V3004	DRIVE CAP ASSEMBLY	1
3	V3946	SP WIDE DRIVE BACK PLATE	1
4a	V3011*	SP PISTON DOWNFLOW ASSEMBLY	1
4b	V3011-01*	SP PISTON UPFLOW ASSEMBLY	
5	V3174	SP REGENERANT PISTON	1
6	V3135	O-RING 228	1
7	V3180	O-RING 337	1
8	V3105	O-RING 215 (DISTRIBUTOR TUBE)	1
Not Shown	V3001	SP BODY ASSEMBLY DOWNFLOW	1
	V3001UP	SP BODY ASSEMBLY UPFLOW	

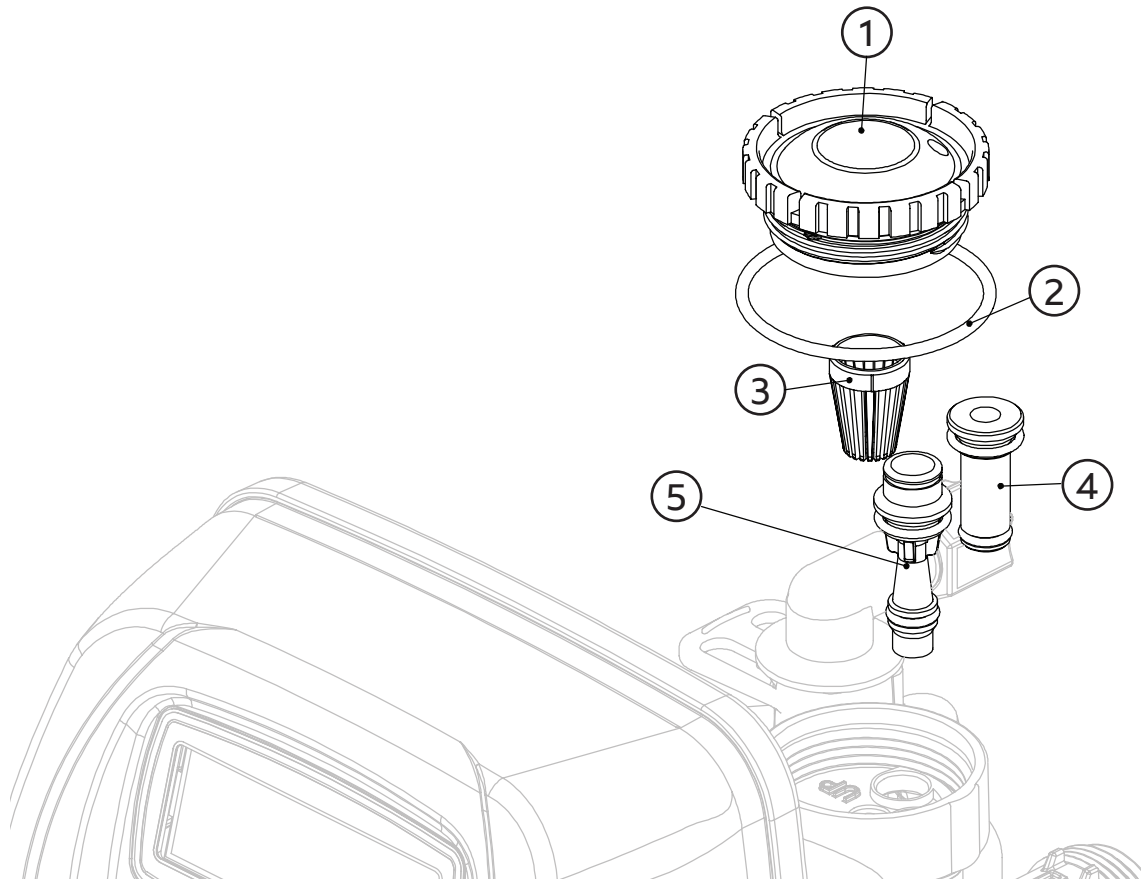
\*V3011 is labeled with DN and V3011-01 is labeled with UP.  
 Note: The regenerant piston is not used in backwash only applications.



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

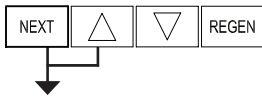
Drawing No.	Order No.	Description	Typical Tank Diameter		Quantity
			Down	Up	
1	V3176	INJECTOR CAP			1
2	V3152	O-RING 135			1
3	V3177-01	INJECTOR SCREEN CAGE			1
4	V3010-1Z	INJECTOR ASSY Z PLUG			1
5	V3010-1A	INJECTOR ASSY A - BLACK	6"	8"	1
	V3010-1B	INJECTOR ASSY B - BROWN	7"	9"	
	V3010-1C	INJECTOR ASSY C - VIOLET	8"	10"	
	V3010-1D	INJECTOR ASSY D - RED	9"	12"	
	V3010-1E	INJECTOR ASSY E - WHITE	10"	13"	
	V3010-1F	INJECTOR ASSY F - BLUE	12"	14"	
	V3010-1G	INJECTOR ASSY G - YELLOW	13"	16"	
	V3010-1H	INJECTOR ASSY H - GREEN	14"	18"	
	V3010-1I	INJECTOR ASSY I - ORANGE	16"	22"	
Not Shown	V3170	O-RING 011			*
Not Shown	V3171	O-RING 013			*

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



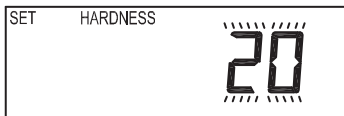
## Installer Display Settings

### STEP 1I

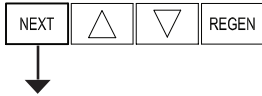


**STEP 1I** - To enter Installer Display press NEXT and ▲ simultaneously for about 5 seconds and release.

### STEP 2I



**STEP 2I** - Hardness: Set the amount of influent hardness using ▲ or ▼. This display will not be viewed if FILTERING BACKWASH or FILTERING REGEN is selected in Step 2F or if "OFF" or a number was selected in Step 11S. Press NEXT to go to step 3I. Press REGEN to exit Installer Display Settings.

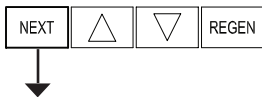


### STEP 3I



**STEP 3I** - Day Override: When volume capacity is set to "oFF", sets the number of days between regenerations. When volume capacity is set to AUTO or to a volume, sets the maximum number of days between regenerations. If value set to "oFF", regeneration initiation is triggered solely by volume used. If value is set in days (allowable range from 1 to 28) regeneration initiation will be called for on that day regardless of actual water usage. Set Day Override using ▲ or ▼.

- Number of days between regeneration (1 to 28); or
- "OFF".



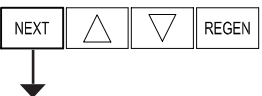
See Setting Options Table for more detail on setup.

Press NEXT to go to step 4I. Press REGEN to return to previous step.

### STEP 4I



**STEP 4I** - Next Regeneration Time (hour): Set the hour of day for regeneration using ▲ or ▼.The default time is 2:00. This display will show "REGEN on 0 GAL" if "on 0" is selected in Set Regeneration Time Option in OEM Softener System Setup or OEM Filter System Setup.

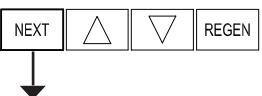


Press NEXT to go to step 5I. Press REGEN to return to previous step.

### STEP 5I



**STEP 5I** - Next Regeneration Time (minutes): Set the minutes of day for regeneration using ▲ or ▼. This display will not be shown if "on 0" is selected in Set Regeneration Time Option in OEM Softener System Setup or OEM Filter System Setup.

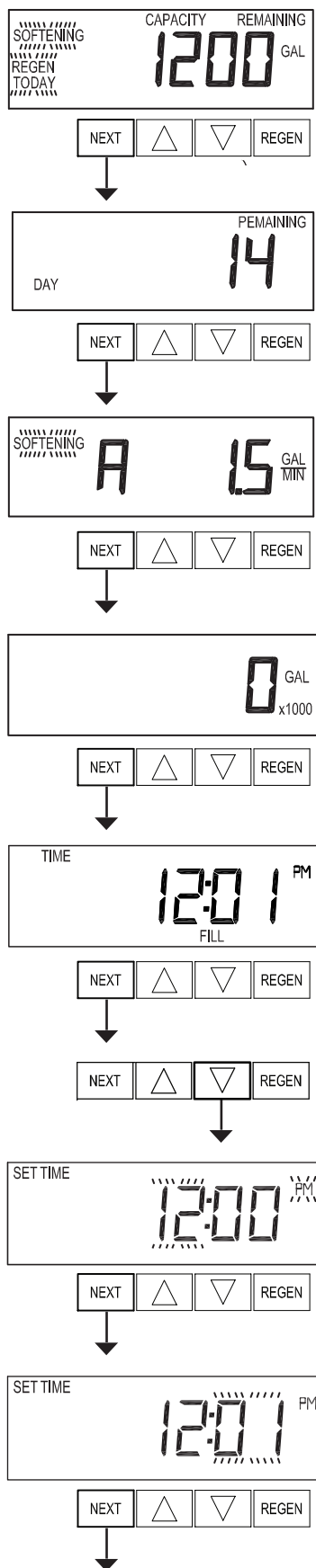


Press NEXT to exit Installer Display Settings. Press REGEN to return to previous step.

EXIT INSTALLER DISPLAY SETTINGS

## User Displays

### GENERAL OPERATION



When the system is operating, one of five displays may be shown. Pressing NEXT will alternate between the displays shown below.

**User 1** – Typical user display. Shows volume remaining to regeneration. This screen will not be viewed if the control is set for time-clock operation.

**User 2** – Displays number of days to next regeneration. Only displayed if control is set for time-clock operation.

**User 3** – Flow Rate.

Displays present flow rate.

Not viewed (along with SOFTENING or FILTERING Icon) if ALT A or ALT B is set in CONFIGURATION 4 and the valve is currently in Standby. When 1.0 T is set in CONFIGURATION 1, the display will indicate the tank currently in Service (“A” or “B”) in the leftmost digit.

**User 4** – Displays total volume in gallons since last reset. If a meter is not used this display will be shown but 0 will be displayed. PRESS ▼ FOR 3 SECONDS TO RESET TO 0.

**User 5** – Shows current time. When FILL is displayed, the battery pack is being charged.

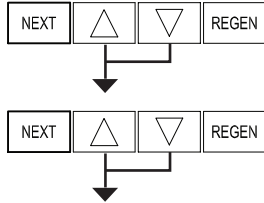
**Setting Time of Day** – Push NEXT until time of day screen is displayed. Press and hold ▼ until SET TIME is displayed and the hour flashes once. Press ▲ or ▼ until the correct hour is displayed.

Then press NEXT. The minutes will flash. Press ▲ or ▼ until the correct minute is displayed.

Press NEXT to return to the User Displays. Time of day should only need to be set after power outages lasting more than 8 hours, if the battery has been depleted and a power outage occurs, or when daylight saving time begins or ends. If a power outage lasting more than 8 hours occurs, the time of day will flash on and off which indicates the time of day should be reset. If a power outage lasts less than 8 hours and the time of day flashes on and off, the time of day should be reset and the battery replaced.

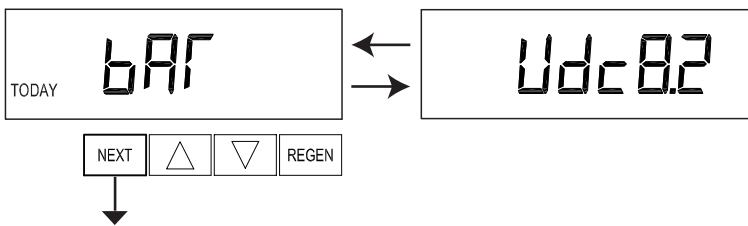
## Battery Diagnostics

### STEP 1BD



**STEP 1BD** – Press ▲ and ▼ simultaneously for 5 seconds and release. Press ▲ and ▼ simultaneously for 5 seconds and release. If screen in Step 2BD does not appear the lock on the valve is activated. To unlock press ▼, NEXT, ▲, REGEN in sequence, then press ▲ and ▼ simultaneously for 5 seconds (twice) and release.

### STEP 2BD

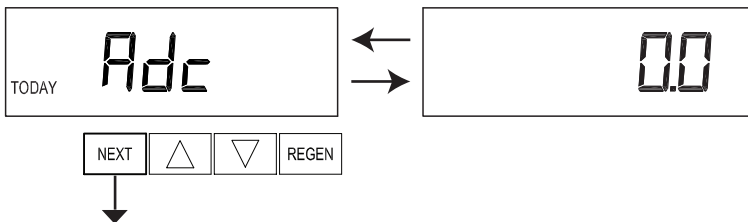


**STEP 2BD** - Battery Pack Status - Pack Voltage. Displays the daily measured voltage of the battery pack under load.

Press and hold ▲ and ▼ to initiate an immediate test of the battery pack.

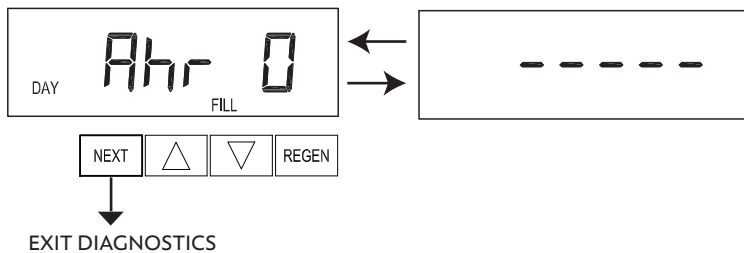
Press NEXT to go to Step 2BD. Press REGEN to exit Battery Diagnostics.

### STEP 3BD



**Step 3BD** - Battery Pack Status - Charge Current. Displays the current measured charge current (in mA) of the control solar panel or AC wall adapter. A flashing SET indicates that the control is currently determining whether to activate the charging circuit. A flashing FILL indicates that the charging circuit is currently activated. Pressing ▼ will temporarily turn on the charging circuit. Pressing ▲ will temporarily turn off the charging circuit. Press NEXT to go to Step 4BD. Press REGEN to return to previous step.

### STEP 4BD



**Step 4BD** - Battery Pack Charge History. Displays the measure mAh charge of the battery pack over the past 63 days. REGEN in the second display indicates that a regeneration occurred on that day.

Press NEXT to exit Battery Diagnostics. Press REGEN to return to previous step.

## General System Information

### Error Codes

Error codes are rare. The most common cause is power supply (brown out, etc.). If any error message appears, contact your Water Treatment Professional immediately.

### Leaks

If there is a leak on or by your water conditioner, put the unit in BYPASS (see bypassing information on page 4) and contact your local Water Treatment Professional immediately.

### Hard Water



If you believe you do not have "soft" water:

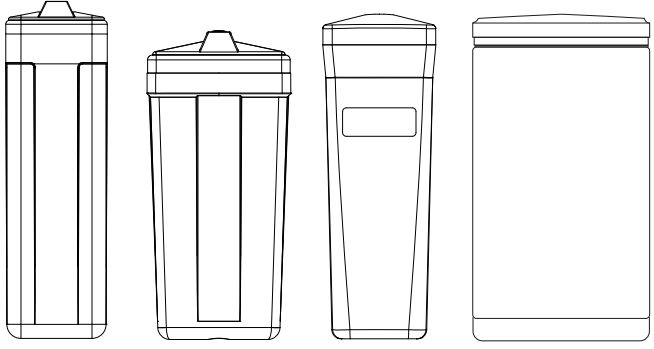
- Verify solar panel is not obstructed, and the display is on, gray LCD light will show.
- Make sure the bypass is in the NORMAL position. If the bypass valve is in the BYPASS position, return it to the NORMAL position.
- Check the brine tank for adequate salt (sodium chloride or potassium chloride). The "dry" salt level should be above the water level. If it is not, add enough salt to cover the water, wait approximately 2 hours, then initiate a manual regeneration, either immediate or delayed.
- Make sure the time of day is set correctly. If not, set the correct time of day (see page 11).

### Additional Issues

- Unit used too much salt
- Loss of water pressure
- Staining with conditioned water
- Excessive water in brine tank

*The above issues and other concerns not listed in this manual should be addressed with your local Water Treatment Professional.*

Single Tank Model	Model #	Grains Capacity 9 lbs/cu ft	Grains Capacity 15 lbs/cu ft	Mineral Tank	SVC (Service) Flow Rate	Backwash Rate
 <p>Solar Powered Valve</p> 	<b>Single Tank Models with 1" Standard Distributor and Brine Tank</b>					
	SPS-24R-1	18,000	22,500	8 x 44	2.5 gpm	1.7 gpm
	SPS-32R-1	24,000	30,000	9 x 48	5 gpm	2.2 gpm
	SPS-40R-1	30,000	37,500	10 x 44	6 gpm	2.7 gpm
	SPS-48R-1	36,000	45,000	10 x 54	7.5 gpm	2.7 gpm
	SPS-64R-1	48,000	60,000	12 x 52	10 gpm	3.2 gpm
	SPS-80R-1	60,000	75,000	13 x 54	12.5 gpm	4.2 gpm
	<b>Single Tank Models with 1" Turbulator Backwash and Brine Tank</b>					
	SPS-24T-1	18,000	22,500	8 x 44	2.5 gpm	2.2 gpm
	SPS-32T-1	24,000	30,000	8 x 44	5 gpm	2.2 gpm
	SPS-40T-1	30,000	37,500	9 x 48	6 gpm	2.7 gpm
	SPS-48T-1	36,000	45,000	10 x 44	7.5 gpm	3.2 gpm
	SPS-64T-1	48,000	60,000	10 x 54	10 gpm	3.2 gpm
	SPS-80T-1	60,000	75,000	12 x 52	12.5 gpm	4.2 gpm


	<p><b>MINERAL TANK AVAILABLE COLORS:</b> Black, Natural, Almond, Blue, Platinum <i>Mineral tank jackets are available upon request. Optional outdoor weather covers.</i></p> <p><b>BRINE TANK AVAILABLE COLORS:</b> Black, Almond, Blue, Platinum</p> <p><b>BRINE TANK AVAILABLE SIZES:</b> <b>Square/Rectangular:</b> 11x11, 15x17, 15x15 <b>Round:</b> 18x33, 18x36, 18x40</p>
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### ChargerPro Arabian Valve Benefits

- Allows for downflow
- Solar/battery powered
- Learn one set of programming: one board is used for 1", 1.25", 1.5"

### ChargerPro Arabian - 1" Series Valve Specifications

- Inlet/Outlet (1) ..... 3/4" to 1.5" NPS Adapter
- Cycles..... up to 5
- Valve Material..... Fiber Reinforced Composite
- Regeneration..... Downflow
- Operating Pressures**  
Minimum/Maximum..... 20 psi - 125 psi
- Operating Temperatures**  
Minimum/Maximum..... 40° - 110°F

<p><b>Brine tank performance insurance</b> All Charger water softeners may be ordered with optional salt grid which helps to prevent salt bridging.</p>	
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## Limited Warranty

Charger Water hereby warrants, to the original purchaser of its water treatment equipment\*, that the control valve is free of defects in materials or workmanship for a period of 60 months for "Clack" controls. Owner shall promptly report to the Installing Retail Company or Charger Water Treatment Products, 8150 N. Lehigh Ave, Morton Grove, IL, any defect in material or workmanship and Charger Water shall, at Charger Water's option, repair or replace the part or parts involved if returned to Charger Water with transportation or freight charges prepaid. No factory labor will be charged for repairing or replacing defective parts during the limited warranty. This warranty shall not apply to any part that has been damaged by improper installation or maintenance, any modification from original design or manufacture, subjected to temperatures below 32°F, above 120°F, operated in water pressure that exceed 120 psi, any water line vacuum, or damaged by any circumstance beyond our control.

**Subject to all conditions and limitations set above, at the site of original installation; any brine tank/cabinet proved defective in material or workmanship will be warranted for a period of 5 years and any residential mineral tank for a period of 10 years.**

*\*All other and/or fittings, brine tank internal components, mineral tank internal components shall be warranted to be free of defects in material and workmanship for a period of one year subject to conditions and limitations set forth above.*

This warranty sets forth Charger Water's sole obligation and purchaser's exclusive remedy for defective product. Charger Water shall not be liable for consequential, incidental, or contingent damages whatsoever.

The forgoing warranties are exclusive and in lieu of all other expressed or implied warranties, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose, shall not extend beyond the duration or the applicable expressed warranties provided herein.

This warranty gives you specific legal rights. You have implied warranty rights. In the event of a problem with warranty service or performance, you may be able to go to small claims court, a state court, or a federal court.

