

# STEELTEC™

4700

## Homeowner's Manual



**IMPORTANT:** Fill in pertinent information on page 2 for future reference.

# SteelTec 4700

## Job Specification Sheet

- DEALER NAME / PHONE. \_\_\_\_\_
- MODEL NO. \_\_\_\_\_ DATE INSTALLED \_\_\_\_\_
- WATER TEST : pH \_\_\_\_\_ HARDNESS \_\_\_\_\_ IRON \_\_\_\_\_ HYDROGEN SULFIDE \_\_\_\_\_ Color \_\_\_\_\_ TDS \_\_\_\_\_
- CAPACITY PER UNIT \_\_\_\_\_ MAX. \_\_\_\_\_ PER REGENERATION
- MINERAL TANK SIZE DIA. \_\_\_\_\_ HEIGHT \_\_\_\_\_ MATERIAL OF CONSTRUCTION \_\_\_\_\_
- BRINE TANK DIAMETER \_\_\_\_\_ HEIGHT \_\_\_\_\_ CAPACITY \_\_\_\_\_ (POUNDS of SALT)
- SALT SETTING (POUNDS USED PER REGENERATION) \_\_\_\_\_

### CONTROL VALVE and UNIT SPECIFICATIONS (Please circle letter)

Model of Control valve: A) 4700 Meter B) 4670 Meter C) 12 Day Time clock D) Other \_\_\_\_\_

Type of Unit: E) Softener, Resin only w/ gravel F) Conditioner, Resin & GAC w/ gravel

G) Backwash GAC Filter H) Backwash pH Neutralizer Filter I) Greensand Oxidizing Filter J) Other \_\_\_\_\_

Day/Time of Regeneration \_\_\_\_\_ Calendar Over Ride set \_\_\_\_\_ Days Meter Over Ride set \_\_\_\_\_ gal

Drain Line Flow Control \_\_\_\_\_ gpm

Brine Refill Rate \_\_\_\_\_ gpm Brine fill set \_\_\_\_\_ Minutes or \_\_\_\_\_ pounds

Injector Size/Color \_\_\_\_\_

Meter Gallon Setting \_\_\_\_\_ gal. (4670 or 4700) or Automatic(4700 only) \_\_\_\_\_

### TYPICAL CONTROL VALVE INFORMATION

Tank Diameter Type	Injector size/color	Slow Rinse Rate (gpm) @ 40 PSI	Brine Draw Rate (SPM) @ 40 PSI	B.L.F.C. <sup>1</sup>	D.L.F.C. <sup>2</sup>
Filter 9"	N/A	N/A	N/A	N/A	5.0 gpm
Filter 10"	N/A	N/A	N/A	N/A	5.0 gpm
Conditioner 8"	# 1 White	.45 gpm	.38 gpm	.50 gpm	2.4 gpm
Conditioner 9"	# 2 Blue	.84 gpm	.56 gpm	1.0 gpm	2.4 gpm
Conditioner 10"	# 1 White	.45 gpm	.38 gpm	.50 gpm	2.4 gpm
Conditioner 12"	# 2 Blue	.84 gpm	.56 gpm	1.0 gpm	3.5 gpm
Conditioner 13"	# 2 Blue	.84 gpm	.56 gpm	1.0 gpm	4.0 gpm
Conditioner 14"	# 3 Yellow	1.0 gpm	.63 gpm	1.0 gpm	5.0 gpm
Conditioner 16"	# 3 Yellow	1.0 gpm	.63 gpm	1.0 gpm	7.0 gpm

Due to varying water conditions, tank sizes and water pressures, the above settings should be used only as a guideline.

<sup>1</sup>B.L.F.C. (Brine Line Flow Control). Refill Rate for Filling Brine Tank.

<sup>2</sup>D.L.F.C. (Drain Line Flow Control). Backwash and Rapid Rinse Flow Rates.

# SteelTec 4700

## General owner's operating and safety instructions

Always protect your SteelTec Water Conditioner from freezing temperatures.

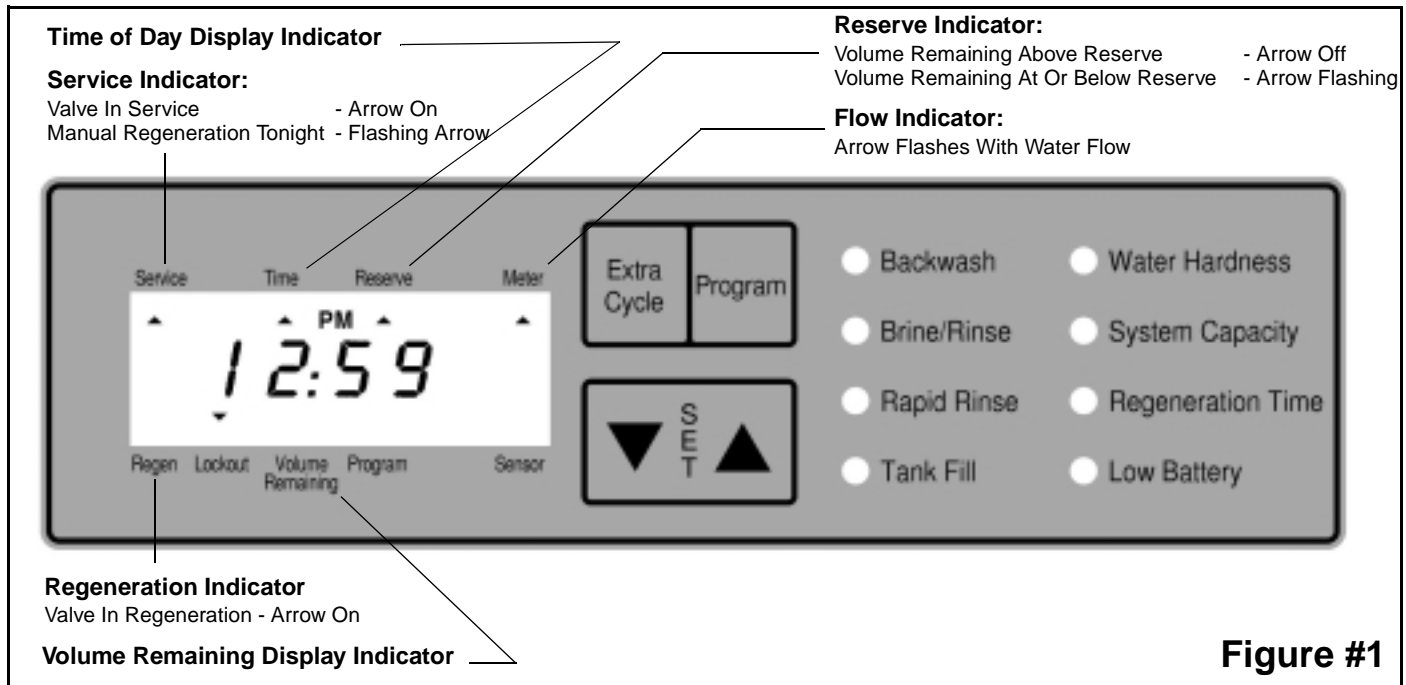


Figure #1

- In normal operation the Time Of Day, and Volume Remaining Displays alternate being viewed. Set the Time Of Day Display by depressing the Up or Down Set Button to the correct time. (See Fig. 1)  
Note: Set either A.M or P.M. when adjusting Time Of Day to insure unit operates correctly.

**The following example displays are shown with unit in service:**



12:59PM

833 Gallons Remaining

0 Gallons Remaining

- The Volume Remaining Display indicates gallons of conditioned water remaining until regeneration is needed. If only ----- are visible, reserve and service arrows will flash indicating the unit will regenerate tonight. When conditioned water is running in home, Meter Arrow flashes at a rate that varies with flow rate.

### Typical operating information about your SteelTec 4700 Conditoner

Conditioner starts regeneration at the preset time set by your dealer (usually 2 AM) on days initiated by the 4700 control. Regeneration lasts up to 120 minutes. If conditioner regenerates at other than 2 AM to 4 AM, check the time of day. If time of day is not accurate, reset as in step 1 above.

### If unit runs out of conditioned water after heavy water usage from extra guests, etc.,

You can start an extra regeneration immediately:

Press and Hold for 5 seconds the Extra Cycle Button. Unit will begin regeneration.

**OR**

You can start an extra regeneration tonight at the normal preset time:

Press and Release the Extra Cycle Button, the Service Arrow begins flashing and regeneration will occur at the preset time (i.e. 2:00 a.m.) If this condition persists, check for adequate salt level as described below. If brine tank has the proper salt level, call your dealer for service. If you run out of conditioned water, and the display indicates more gallons are left, an adjustment is needed that usually requires your dealer's service.

**Salt level should be half full or higher, and never below the water level in the brine tank.**

Keep conditioner unit and brine tank free of dirt and foreign objects. Always keep covers in place.

A 9V Alkaline Battery is recommended to be installed at all times for proper valve operation. The control will indicate when the battery needs to be replaced by turning on the Low Battery LED.

**In case of a system leak, turn valve on back of conditioner to bypass position, and call dealer.**

# SteelTec Water Treatment System

## Lifetime Limited Warranty



The LeverEdge (hereinafter LE) warrants any SteelTec brand water treatment system installed by a duly authorized SteelTec dealer, to be free from defects in materials and workmanship to the original residential purchaser (hereinafter CONSUMER) from the date of purchase. All aspects of this Warranty are subject to the following limitations, terms and conditions.

### 1. DURATION OF WARRANTY

If LE Equipment consisting of the Mineral and Storage Tanks, Controls and Valves, Pumps and Switches, Ion Exchange Resin and Treatment Media, Reverse Osmosis/Water Filters (excluding replacement cartridges) and Ultraviolet Lights (excluding bulbs and sleeves) is determined to have failed as a result of a manufacturing defect, LE will, at its sole discretion, repair or replace the defective part at NO CHARGE to the CONSUMER (excluding labor, and applicable shipping and handling costs) for the duration of the CONSUMER'S ownership of the original equipment (hereinafter "LIFETIME").

### 2. LIMITATIONS OF COVERAGE

This Warranty extends only to the CONSUMER for damage resulting from defects in materials and workmanship, and does not include renewable components. It does not extend to damage caused by the CONSUMER'S neglect or abuse, or by accident, to damage caused by wind, hail or abnormal weather conditions, or to damage caused by acts of God, civil insurrection or extraordinary circumstances beyond the control of LE.

LE shall not be liable for any direct or indirect damage resulting from the use of the Equipment, and in no event shall the extent of this Warranty coverage exceed the purchase price of the Equipment.

LE cannot know the characteristics of a CONSUMER'S water supply or the purpose for which one is purchasing SteelTec Equipment. Also, water qualities vary seasonally and over time. Therefore, LE assumes no liability for the determination of the proper equipment necessary to meet a CONSUMER'S requirements, nor does it authorize others to assume such obligations on its behalf.

This Warranty excludes any Equipment which was not installed by an authorized SteelTec dealer or on which the date code has been removed or altered. Any tampering or attempted repairs performed by anyone other than an authorized dealer, including you, the CONSUMER, will void this Warranty.

### 3. MISCELLANEOUS

In order to be considered for validation, all claims for Warranty coverage must be accompanied by a copy of the purchase agreement indicating the date of initial installation, and a copy of the CONSUMER'S current utility bill. LE reserves the right to inspect the SteelTec Equipment prior to honoring any Warranty claim.

This Warranty gives you specific legal rights, and you may have other rights which may vary from state to state. Any and all inquiries or claims under this Warranty must be submitted in writing to The LeverEdge, Attn: Warranty Department, c/o P.O. Box 31078, Tampa, FL 33631-3078.

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