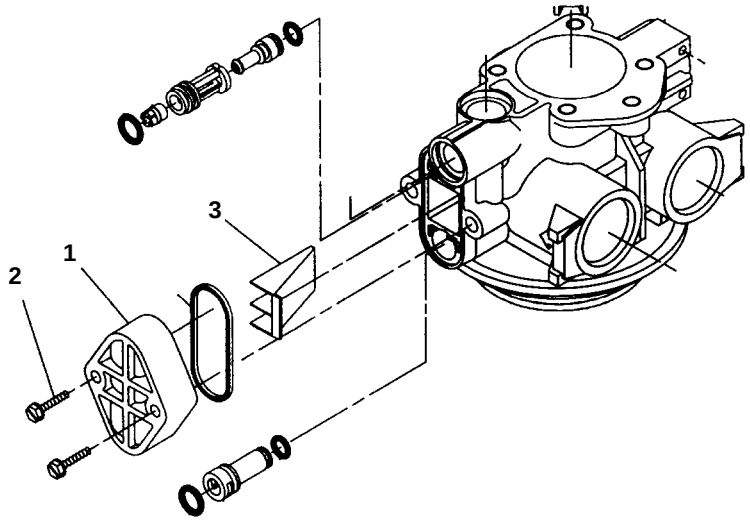
Control Valve Assembly



PARTS LIST

Item No.	Quantity	Part No.	Description
1	1	18277	Cover
2	2	18262	Screws
3	1	18271	Screen

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P/N 40277 Rev. 1 4/00

Installation Data - Please fill out for future reference

General Data:

Installation Date _____

Installer's Name _____

Equipment Model _____

Water Hardness _____ US gr/gallon _____mg/l(g/m3) _____meq/l

Water Pressure _____ Water Temperature_____

Salt Dosage _____ lbs of NaCl/ft3 _____ g of NaCl/liter

Type of Media_____

Resin Volume _____ ft3 _____ liters _____m3

System Capacity _____ US gr/Regen. _____ meq/Regen. _____ g/Regen.

Regeneration:_____ Downflow (Co-current) _____ Upflow (Counter-current)

Flow Controllers:

Brining System 1610

Injector # _____

Drain Line Flow Control (DLFC)_____ gpm

Brine Line Flow Control (BLFC)_____ gpm

Controller Program:

Display Format: ❑ US/gallons (U-1), ❑ metric/ liters (U-2), ❑ metric/m^3 (U-4)

Regeneration Type: ❑ (7-1), ❑ (7-2), ❑ (7-3)

Treated Water Capacity _____ gallons _____ liters _____ m3

Regeneration Time_____

Regeneration Day (Override) ___A-_____

Downflow	**Upflow**
(1) Backwash _____ minutes	Brining & Slow Rinse _____
(2) Brining SR _____minutes	Backwash_____
(3) Rapid Rinse_____ minutes	Rapid Rinse_____
(4) BrineTank Refill_____	Refill _____
(5) Off	Off

Flow Meter Size ❑ (F131) ❑ (F34.6)

Valve Type: (O-1)

Line Frequency (Hertz) ❑ (LF60) ❑ (LF50)

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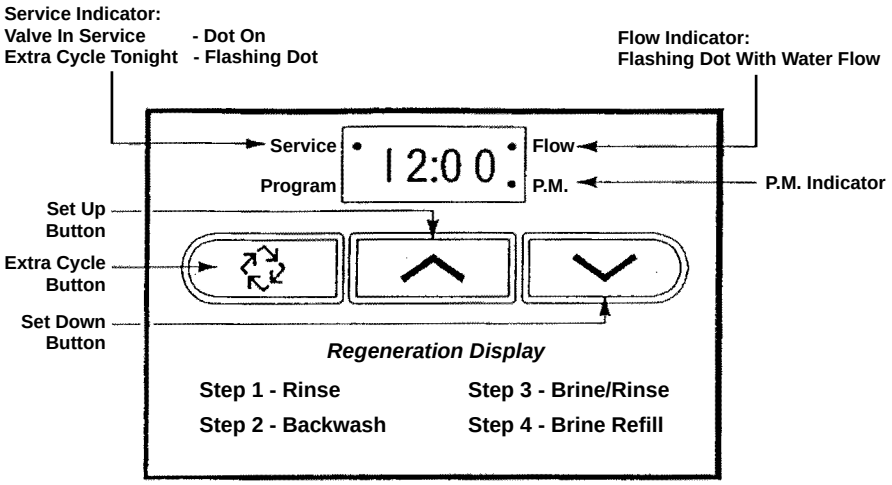
Time of Day/Manual Start of Regeneration



Your 5000SE has been programmed for your system. If required to change the program, contact your equipment supplier for assistance.

To access the valve controller, remove the front cover of your water softener.

If the electricity fails, the electronic controller will keep in memory the pre set program. Use the up and down arrows to set the correct time of day.

If you need to manually initiate a regeneration, push and hold the “extra cycle button” for five seconds. The unit will then proceed to regenerate automatically.

OPERATING TIPS

- Keep the bypass closed at all times. Open the bypass to service the 5000SE valve and to allow hard water to service.
- Keep the salt level at all times above the water in the brine tank.

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ProFloSE

Troubleshooting

SYMPTOM	CAUSE	CORRECTION
1. Hard water to service.	A. Softener failed to regenerate.	A. Electrical service interrupted, assure permanent electrical service.
	B. Defective timer	B. Call equipment supplier for replacement.
	C. Open bypass.	C. Close bypass valve.
	D. Low salt level in brine tank.	D. Keep salt level above water at all time.
	E. Injector screen plugged.	E. See attached valve assembly. Remove the 2 screws (2), lift cover (1), pull screen (3) out to clean. Reinstall. Call your equipment supplier if problem persists.
2. Salty water to service.	A. Injector screen plugged.	A. See attached valve assembly. Remove the 2 screws (2), lift cover (1), pull screen (3) out to clean. Reinstall. Call your equipment supplier if problem persists.
3. Valve leaking to drain at service.	A. Internal valve leak.	A. Call your equipment supplier for assistance.

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