

# Hydrotech

## 89 Control Valve



### Features:

- ➔ True 1" porting for high flow rates. Up to 18" softeners and 18" filters
- ➔ High-efficiency Performance. Upflow with Optimal Precision Brining or Downflow Regeneration.
- ➔ Adjustable backwash frequency saves up to 2,000 gallons of water per year
- ➔ Large 4 line Touch Pad LCD display – customizable for dealership
- ➔ Automatic reserve – adjusts based on actual usage
- ➔ Automatic System Flush refreshes system during periods of non use preventing bacteria growth
- ➔ Soft Water Recharge performs quick regeneration ensuring you never run out of soft water
- ➔ Soft Water Brine Tank Refill conserves capacity and keeps brine tank clean
- ➔ Time saving quick connect features on bypass, drain line and powercord
- ➔ Meter immediate; meter delayed; meter override; vacation and calendar clock modes
- ➔ Self charging capacitor keeps date / time of day for 48 hours while programming remains in permanent memory
- ➔ Space saving bypass with integrated turbine meter
- ➔ Comes with 1" straight NPT and 3/4" 90 degree elbows
- ➔ Seven Year Control Valve Warranty

Specifications	
Valve Body Material	Noryl (PPO)
Plumbing Connections (NPT)	Straight 1"
Tank Thread	2-1/2" NPSM
Adjustable Cycles	0 - 99 minutes
Regeneration	Up Flow /Down Flow
Meter Accuracy	+/-5%
Maximum Meter Capacity	99,999 GAL
Distributor Pilot	1.05"
Drain Line	3/4"
Brine Line	3/8"
Flow Rates (Valve Only 50 psi inlet)	
Continuous (15 psi drop)	27 GPM
Peak (25 psi drop)	35 GPM
Max. Backwash (25 psi drop)	27 GPM
Cv	7
Typical Applications	
Softeners	up to 18" Diameter
Filters	up to 18" Diameter
Electrical	
Input	110V AC 50/60Hz
Output	12V AC 50/60Hz 650mA
Certification	cUL
Operation Ratings	
Max. Working Pressure	20 - 125 psi
Max. Temperature	34F - 100F
Approvals	
NSF/ANSI 44	Certified
Additional Information	
Shipping Weight	7 pounds

A Division of



In the U.S.A. 1-877-288-9888  
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