

Hydrotech[®]

785 Control Valve



Features:

- Exclusive NSF Certified electronic control valves with proven piston, seal & spacer technology
- Choose Up Flow or Down Flow regeneration
- Higher flow rates. Backwash up to 16" filters
- Simple user-friendly, 2 line / 16 character LCD backlit display
- Rotating 'no touch' diagnostics shows key data like date last regenerated, volume remaining, current flow rate, peak flow rate, total gallons treated, total regenerations, time & date and capacity
- Upflow - meter delayed; Downflow softener - meter delayed; Downflow filter - meter delayed, days of week, calendar clock, meter override
- Self charging capacitor keeps date / time of day for 48 hours while programming remains in permanent memory
- Adjustable cycle times
- Precise electronic sensors to determine piston positions
- Soft water brine tank refill
- Space saving bypass with integrated turbine meter
- Time saving quick connect fittings on bypass, drain line, brine line and power cord
- Five Year Control Valve Warranty

Simple Electronics: Set Date/Time,
#People and Water Hardness
– the 785 does the rest!



Specifications	
Valve Body Material	Noryl (PPO)
Plumbing Connections (NPT)	Straight – ½", ¾", 1" 90 Deg – ¾"
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	1/2" Quick Connect
Brine Line	3/8" Quick Connect
Flow Rates (Valve Only 50 psi inlet)	
Continuous (15 psi drop)	20 GPM
Peak (25 psi drop)	26 GPM
Max. Backwash (25 psi drop)	17 GPM
Cv	5.2
Typical Applications	
Softeners	up to 16" Diameter
Filters	up to 16" Diameter
Electrical	
Input	110V AC 50/60Hz
Output	12V AC 50/60Hz 410mA
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

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Part #	Description
10010031	785UF ELECTRONIC METER-BLACK COVER
10010030	785DF ELECTRONIC METER-BLACK COVER

CONTROL VALVE INCLUDES BYPASS AND 3/4" 90° ELBOW NPT CONNECTORS
VALVES CAN EASILY BE CONVERTED FROM SOFTENER TO FILTER



QC Power Cable



QC Brine Line



QC Drain Line



Integrated Meter

Your Local Water Treatment Professional

Toll Free: 1-877-288-9888
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