

## CLACK® TC CONTROL VALVE

The Clack-Time valve, made in the United States, is designed to work with adsorption materials. It features both forward and reverse flushing. Regeneration occurs based on a timer.

### KEY FEATURES:

- Icon-based menu
- Rinse intervals ranging from 1 to 99 days
- Programmable 10 rinse cycles
- Double backwash feature offers optimum regeneration, cleaning ability, and efficiency
- High filtration and backwash speed (27 gpm)



# Water Specialist 1” TC Control Specifications

Inlet/Outlet Fittings.....	¾" to 1.5" NPS
Cycles .....	up to 6
Valve Material .....	Fiber Reinforced Composite
Regeneration .....	downflow

### FLOW RATES

Service @15 psi drop (includes bypass) .....	27 gpm
Backwash @ 25 psi drop (includes bypass) .....	27 gpm
Cv Service .....	7.0
Cv Backwash .....	5.4

### OPERATING PRESSURES

Minimum/Maximum .....	20 psi – 125 psi
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### OPERATING TEMPERATURES

Minimum/Maximum .....	40° – 110° F
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### DIMENSIONS & WEIGHT

Distributor Pilot .....	1.050" OD Pipe (¾" NPS)
Drain Line .....	¾" or 1" NPT
Brine Line .....	¾" or ½" OD Poly Tube
Mounting Base.....	2 ½" - 8 NPSM
Height From Top Of Tank.....	7 ¾"
Weight .....	4.5 lbs.

### ELECTRICAL SPECIFICATIONS

### POWER SUPPLY

	U.S.	International
Supply Voltage .....	100VAC to 120VAC	200VAC to 240VAC
Supply Frequency .....	50/60 Hz	50/60 Hz
Output Voltage .....	15VDC	15VDC
Output Current .....	500 mA	500 mA

### TANK APPLICATIONS

Water Softener .....	6" – 21" diameter
Water Filter (1).....	6" – 21" diameter

### CYCLES OF OPERATION (Softener Downflow)

Cycle	Range of times minutes
1. Backwash <sup>st</sup> (upflow) .....	3 - 12
2. Regenerate Draw/Slow Rinse (downflo) .....	50 - 70
3. Backwash <sup>nd</sup> (upflow) .....	3 - 12
4. Fast Rinse (downflo) .....	3 - 8
5. Regenerant Refill (in service with eated water).....	As Programmed
6. Service (downflo)	

Options: Backwash Filter, Bypass, Weather Cover

Compatible with the following typical concentration of regenerants or chemicals: Sodium chloride, potassium chloride, potassium permanganate, sodium bisulfite, chlorine and chloramines

1. Filter tank size calculated @ 10 gpm of backwash per square foot of bed area