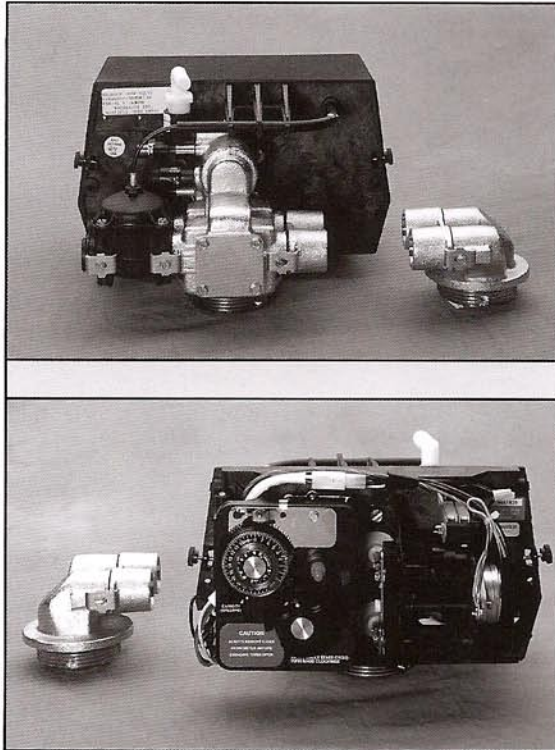


## 2090 – Series Twin Demand Units

### Features

- Allows a twin demand system to offer an unlimited supply of softened water
- Automatically determines which of the two tanks is in “service” position
- Switches to reserve tank and begins “regeneration” of companion tank when needed
- Switch over complete within 2 hours
- Ultimate system for a home with heavy water usage, a boiler make-up water line or a 24-hour per day restaurant



### Dimensions and Performance Data

GENERAL SPECIFICATIONS	SOFTENER	
	2090 - Auto Series	
Valve Body Material	Nickel Plated Brass	
Flow Rate (50 psi Inlet)	Valve Alone / System <sup>1</sup>	
Continuous (15 psi drop)	18 gpm	13 gpm
Peak (25 psi drop)	24 gpm	20 gpm
Max Backwash (25 psi drop)	8.5 gpm	7 gpm
Cv <sup>2</sup>	4.8	
Standard Inlet / Outlet	3/4" Stainless Steel Bypass Valve <sup>3</sup>	
Distributor Pilot Tube	Accepts 1.05" O.D. Distributor Tube	
Drain Line	1/2" FNPT / Q.C. Fitting	
Brine Line	3/8" O.D. Compression	
Threaded Mounting Base	2-1/2" - 8 UN	
Electrical	115V / 60Hz	
Temperature Range	34°-110° F	
Pressure Ranges (psi)	Working: 20-127 / Hydrostatic: 300	
Tank Applications (diameter - inches)	7 -16	
Cycles - Typical Times (Upflow and Downflow Specified)	Backwash (Up) 10 Brine/Slow Rinse (Down) 50 Rapid Rinse (Down) 10 Brine Tank Refill 4-24 Service (Down) —	
NOTE: All cycles can be varied by installer for specific needs.		

<sup>1</sup> With largest recommended mineral tank.

<sup>2</sup> Cv flow rate of valve alone at 1 psi pressure drop.

<sup>3</sup> British (BSP) also available in 3/4" and 1" nominal sizes.