

PERFORMANCE BULLETIN

Product Application Service General news from **Pentair Water**

March 21, 2005

New Single Piece Casting 2900 Control Valve

The new single piece casting 2900 will be released the beginning of April 2005. The new 2900 allows for a retrofit, eliminating the need to redo plumbing. The backwash rate is enhanced by changing the design of the pistons and adding an extra seal and spacer to the top bore, giving 35 GPM compared to 25 GPM. No changes were made to the upper and lower power heads. The new single casting eliminates several components, reducing the opportunity for future service problems. The new 2900 will be replacing the existing 2900. Replacement parts for the existing 2900 will be available for up to five years. Enclosed is the new 2900 service manual rev. E, part number 15238.

- **Softener Application Capabilities**
Up to 36" Tanks (5gpm/sq. ft.)
- **Filter Application Capabilities**
Up to 24" Tanks (10gpm/sq. ft.)
- **New Drain Size Fitting of 1" NPT**
- **Max Backwash Rate of 35 GPM**
(25 psi drop)
- **Service Flow Rate 106 GPM**
(15 psi drop)
- **2900 Cv 27.4**
(Flow at 1 psi drop)

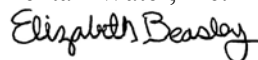
New boxing has been created for the single piece casting 2900, creating a height increase, without a footprint increase. The height increase is for additional protection of the 2900 for shipping purposes.

Old Box Size: 14"L x 16"W x 14"H

New Box Size: 14"L x 16"W x 18.5"H

As always, thank you for using Fleck controls.

Sincerely,
Pentair Water, Inc.



Elizabeth Beasley
Technical Communications



Valve shown with treated
water regeneration adapter