

# CONTROL VALVES



## PERFORMA CV MULTI-TANK CONTROL VALVES RESIDENTIAL / LIGHT COMMERCIAL WITH 1 INCH INTERNAL PORTING

### Performa Cv Twin Alternating, Single with Remote, and Multi-Single with Lockout Systems

Service Flow @ 15 psi . . . . . 25 gpm (5.7 m<sup>3</sup>/h)  
Backwash @ 25 psi . . . . . 20 gpm (4.5 m<sup>3</sup>/h)

### Performa Cv Twin Parallel Systems

Service Flow @ 15 psi . . . . . 50 gpm (11.3 m<sup>3</sup>/h)  
Backwash @ 25 psi . . . . . 20 gpm (4.5 m<sup>3</sup>/h)

Service . . . . . Cv = 6.5 (Kv = 5.6)  
Backwash . . . . . Cv = 4.0 (Kv = 3.5)  
For Tank Sizes \* . . . . . 9 thru 21 inch diameter  
Tank Thread . . . . . 2.5" #8 NPSM  
Riser Port . . . . . 1.050" OD pipe (3/4" NPS)

\* Application dependent



NOTE: Covers sold separately (See next page).

### 1" Multi-Tank Softener Control Valves — Must choose (IN) Injectors and (BW) Backwash Flow Controls (See below). Requires Plumbing Connections (See next page).

Part Number	Description	Regen. Cycle	Qty./ Carton	Carton Weight
278TN-(IN)(BW)	278/764T Twin Alternating or Twin Parallel, NWB*	Demand	1 Set	16 lbs.
278LU-(IN)(BW)	278/764L Multi-Single with Lockout or Single with Remote, UWB*	Demand	1 Set	16 lbs.
278LN-(IN)(BW)	278/764L Multi-Single with Lockout or Single with Remote, NWB*	Demand	1 Set	16 lbs.

For Remote Start/Lockout Kit sold separately (P/N: UA-3020228).

### 1" Multi-Tank Filter Control Valves — Must choose (BW) Backwash Flow Controls (See below). Requires Plumbing Connections (See next page).

Part Number	Description	Regen. Cycle	Qty./ Carton	Carton Weight
273TN-(BW)	273/764T Twin Alternating or Twin Parallel, NWB*	Demand	1 Set	16 lbs.
273LU-(BW)	273/764L Multi-Single with Lockout or Single with Remote, UWB*	Demand	1 Set	16 lbs.
273LN-(BW)	273/764L Multi-Single with Lockout or Single with Remote, NWB*	Demand	1 Set	16 lbs.

For Remote Start/Lockout Kit sold separately (P/N: UA-3020228).

### (IN) Injectors & (BW) Backwash Flow Controls — Must choose from the following when ordering Control Valves.

Option Code (x)	Description
(IN) = H, J, K, L, M, N, Q, R	Injector Nozzle: (H: 9" Tanks), (J: 10" Tanks), (K: 12" Tanks), (L: 13" Tanks), (M: 14" Tanks), (N: 16" Tanks), (Q: 18" Tanks), (R: 21" Tanks)
(BW) = 00	No Backwash Flow Control — "Open" <b>Requires External Backwash Flow Control (See next page).</b>
(BW) = PL	No Backwash Flow Control — "Plugged" <b>16", 18", 21" Tanks Standard — Requires External Backwash Flow Control (See next page).</b>
(BW) = 09, 10, 12	Backwash Flow Control: (09: 2.0 GPM, 9" Tank), (10: 2.5 GPM, 10" Tank), (12: 3.5 GPM, 12" Tank) <b>Backwash flow controls are sized for 5.0 gpm/sq.ft. Tank sizes are for typical softener applications.</b>
(BW) = 13, 14	Backwash Flow Control: (13: 4.5 GPM, 13" Tank), (14: 5.3 GPM, 14" Tank) <b>Backwash flow controls are sized for 5.0 gpm/sq.ft. Tank sizes are for typical softener applications.</b>

\* NWB = No Unfiltered Water Bypass; UWB = Unfiltered Water Bypass  
50 Hz available at additional cost.

# CONTROL VALVES



## PERFORMA CV MULTI-TANK CONTROL VALVES RESIDENTIAL / LIGHT COMMERCIAL WITH 1 INCH INTERNAL PORTING



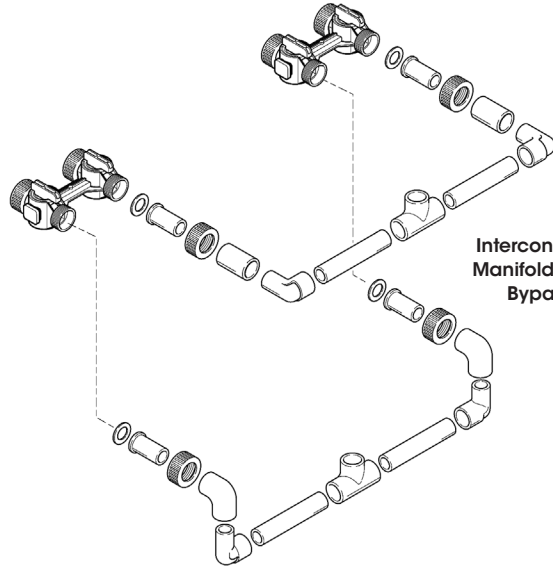
Logix Cover



1265 Manual  
Bypass Valve



External Backwash  
Flow Control



Interconnecting  
Manifold Kit with  
Bypasses

### Interconnecting Piping Manifolds

Part Number	Description
UA-3019933	273/278 Interconnecting Manifold Kit with Bypasses includes 1" PVC Piping, (2) 1265 Bypasses, (4) CPVC Adapters, (4) Gaskets, (4) Durez Nuts
UA-3019932	273/278 Interconnecting Manifold Kit includes 1" PVC Piping, (4) CPVC Adapters, (4) Gaskets, (4) Durez Nuts

### Manual Bypass Valves

Part Number	Description
UA-1040930	1265 Manual Bypass Valve (2 Needed)

### External Backwash Flow Controls

Part Number	Description
BWFC-.75/5	3/4" FPT x 1/2" FPT Flow Control — 5 GPM (18.9 LPM)
BWFC-.75/6	3/4" FPT x 1/2" FPT Flow Control — 6 GPM (22.7 LPM)
BWFC-.75/7	3/4" FPT x 1/2" FPT Flow Control — 7 GPM (26.5 LPM)
BWFC-.75/8	3/4" FPT x 1/2" FPT Flow Control — 8 GPM (30.3 LPM)
BWFC-.75M/8	3/4" FPT x 3/4" MPT Flow Control — 8 GPM (30.3 LPM)
BWFC-.75M/9	3/4" FPT x 3/4" MPT Flow Control — 9 GPM (34.1 LPM)
BWFC-.75M/10	3/4" FPT x 3/4" MPT Flow Control — 10 GPM (37.9 LPM)
BWFC-.75M/12	3/4" FPT x 3/4" MPT Flow Control — 12 GPM (45.4 LPM)
BWFC-.75M/15	3/4" FPT x 3/4" MPT Flow Control — 15 GPM (56.8 LPM)
BWFC-.75M/20	3/4" FPT x 3/4" MPT Flow Control — 20 GPM (75.7 LPM)

### Covers

Part Number	Description
UA-1236246	Dark Gray Logix Valve Cover for All Valves with 700 Series Controls (2 Needed)