

■ Flow Rates (Valve Only)

- Service @ 15 psi (1.03 bar) drop25.0 gpm (94.5 Lpm)
- Backwash (Filter) @ 25 psi (1.72 bar) drop20.0 gpm (75.6 Lpm)
- Service.....Cv = 6.5 (Kv = 5.58)
- Backwash Filter.....Cv = 4.0 (Kv = 3.46)

■ Control Operation

- Timer ConfigurationTime Clock, 7 or 6 Day
- Cycles: Length: (Standard)
- Backwash20 Minutes
- Fast Rinse12 Minutes

■ Valve Connections/Dimensions

- Tank Thread2 1/2 inches - 8, Male
- Inlet/Outlet.....1 3/4 inches -12 UNC-2A Male
- Drain Line3/4-inch NPT, Male
- Brine Line1/4-inch NPT, Male
- Distributor Tube O.D. Diameter1.050 inches (27 mm)
- Distributor Tube Length1 1/8 ± 1/8 inches (29 mm ± 3 mm) Above Tank

■ Design Specifications/Ratings

- Valve BodyGlass-Filled Noryl*
- Rubber ComponentsCompounded for Cold Water
- Weight (Valve with Control).....4.5 lbs (2.0 kg)
- Transformer Output.....12VAC 400 mA
- Transformer Input.....115V 50/60 Hz, 230V 50/60 Hz
.....100V 50/60 Hz
- Recommended Operating Pressure.....20-120 psi (1.38-8.27 bar)
.....Canada ...20-100 psi (1.38-6.89 bar)
- Water Temperature.....35°-100°F (2°-38°C)

■ Options

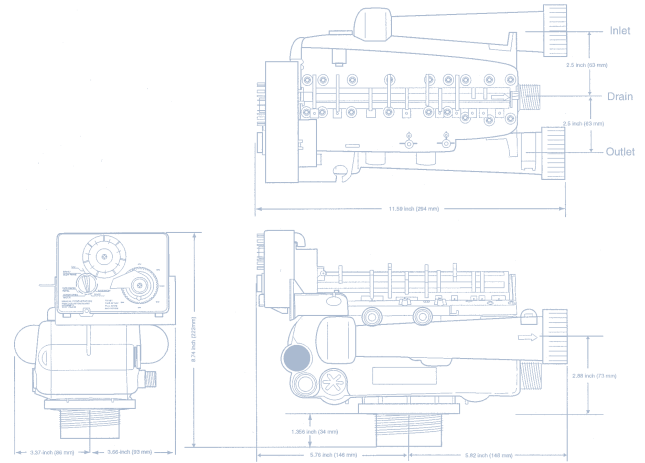
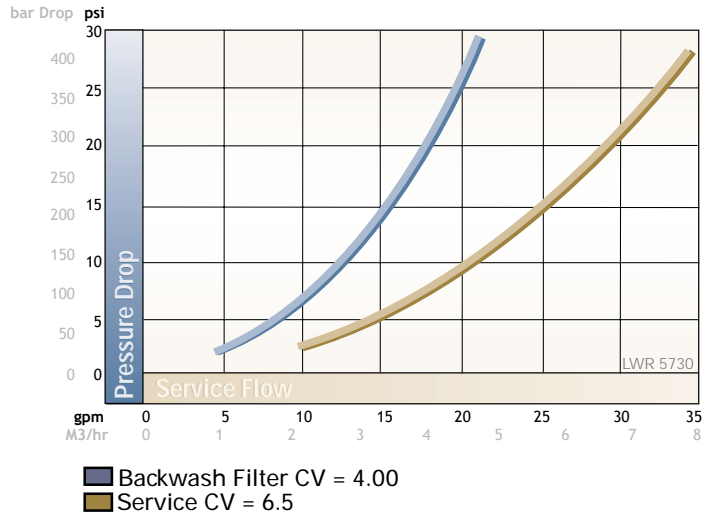
- Bypass Valve, Model 12651 3/4 inches-12 UNC-2A Male
- Bypass Inlet/Outlet Fitting Kits:
- Copper, Sweat Tube Adapter1 inch or 3/4 inch or 28 mm or 22 mm
- CPVC, Solvent Weld Tube Adapter.....1 inch or 3/4 inch or 25 mm
- Plastic NPT or BSPT Pipe Adapter1-inch Male or 3/4-inch Male
- Brass NPT or BSPT Pipe Adapter1-inch Male or 3/4-inch Male

■ Backwash Flow Control Table

Backwash Number	7	8	9	10	12	13	14
Flow Rate (gpm)	1.3	1.7	2.2	2.7	3.4	4.5	5.3
Flow Rate (Lpm)	4.9	6.4	8.3	10.2	12.9	17.0	20.0

*Noryl is a trademark of General Electric Company.
External backwash flow controls available for flow rates of 5,6,7,8 & 10gpm(18.9,22.7,30.3,34.1 & 37.9 Lpm)

■ Pressure Loss Characteristics



Call (719) 264-3937 for additional information, (800) 605-6698 in the U.S., or visit www.osmonics.com



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