

ACT

WATER FILTRATION SYSTEMS™

Advanced Cleaning Technology



ACT 100S Vault Enclosure for Wastewater Drip Dispersal

Product Advantages

- Self-cleaning filter for low flow applications
- Corrosion-free plastic filter and manifold
- Above ground or buried installation on self supporting base
- Freeze protection available
- Uses proven **RING DISC FILTRATION TECHNOLOGY**.
- Filtration level easily changed by replacing disc rings with desired mesh size.
- Wrap around compact design
- Uses internal water supply for backflush
- Low back flushing flow rates (12-15 gpm)
- Up to three internally controlled irrigation zones

Applications

- Ideally suited for Residential, Light Industrial and Commercial Subsurface Drip Dispersal of Treated Effluent

Water Sources

- Primary and secondary treated domestic strength wastewater

Specifications

Inlet: 1 ¼"
 Outlet: 1"
 Flush Return: 1"
 Maximum Operating Pressure: 100 psi
 Minimum Pressure for Back flush: 40 psi
 Minimum Flow for Back flush: 12 GPM

ACT DISTRIBUTOR:
 JNM TECHNOLOGIES, INC.
 PO Box 5667
 Bryan, TX 77805-5667
 979-779-6500
 979-779-6505 fax
 jnm@jnmtechnologies.com

Materials of Construction

Valves:

Nuts, bolts and washers: 304 Stainless Steel
 Valve Body: Glass Reinforced Polyamide
 Spring: Stainless Steel AISI 302
 Diaphragm: Natural Rubber
 Solenoids: 24 VAC (other voltages available upon request)

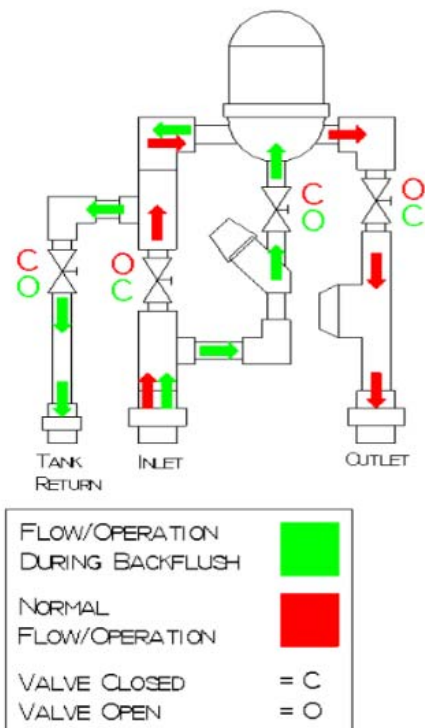
Filter:

Modified 1" Standard Manual Filter
 Filter Body and Disc Spine: Reinforced Polyamide, PVC and Polycarbonate
 Disc Rings: Polypropylene and Polyethylene (upon request)
 O-Rings: EPDM Rubber

Options:

Pulsed Reed Switch output Flowmeter
 Manual or Automatic Field Flush
 Freeze Protection

Flow Diagram



Filter Pressure Losses

