

MULTI-MEDIA FILTER SYSTEMS

2850 1.5" SERIES



Model 700 Filter Shown

Standard Features:

- Time Clock
- 1-1/2" Female Inlet/Outlet Connections
- Fleck 2850 Lead-Free Brass Valve
- Motor-Driven Piston-Operated
- Fiberglass Resin Tank (s)
- Ports for Pressure Gauges & Sample Valves

Multimedia Systems are depth filters utilizing layered beds of media filtering large particles first then followed by smaller and smaller filtering medias. Filter performance is typically in the 10 micron range. Lower filter ranges are available on request. The systems offer higher service flows and longer service runs as compared to single layered filters

Media Beds

| | |
|------------------------|------------|
| Anthracite (mm) | 0.85 -0.95 |
| Sand (mm) | 0.44 -0.55 |
| Fine Garnet (mesh) | 30 - 40 |
| Course Garnet (mesh) | 8 – 12 |
| Gravel Underbed (inch) | 1/4 x 1/8 |

PRODUCT SPECIFICATIONS

| Model Series | Media Qty Cubic Feet | Sq. Ft. Bed Area | Media Tank Dia. X Ht | Service Operating Conditions | | | | Max Drain Flow gpm |
|--------------|----------------------|------------------|----------------------|------------------------------|----------|----------------------------|----------|--------------------|
| | | | | High Quality 8 gpm/sq. ft.. | PSI Drop | Low Quality 15 gpm/sq. ft. | PSI Drop | |
| 300 | 3.0 | 1.06 | 14" x 65" | 8 | 4 | 16 | 12 | 12.0 |
| 400 | 4.0 | 1.39 | 16" x 65" | 11 | 5 | 21 | 14 | 15.0 |
| 500 | 5.0 | 1.76 | 18" x 65" | 14 | 5 | 26 | 15 | 20.0 |
| 700 | 7.0 | 2.40 | 21" x 62" | 20 | 6 | 36 | 18 | 25.0 |

Flow rate at 8 gpm/sq. ft. is based on RO pretreatment. Flow rate at 15 gpm/sq. ft. is based on utility grade water.

ADDITIONAL OPERATING INFORMATION

For use on potable water only.
 Not intended to be used to treat water that is micro biologically unsafe or of unknown quality.
 Installation must comply with all state and local codes.
 Tank dimensions are based on fiberglass only. Steel tanks dimensions will vary.
 Pressure drops are based on clean filter bed.
 Specifications subject to change without notice.

Operating Water Temperature Range
 Operating Ambient Temperature Range
 Operating Pressure Range
 Electrical Requirements
 Feedwater Turbidity

Max 100°
 Max 120°
 Max 125 psi
 110V-60Hz primary
 5.0 N.T.U. Max

Minimum 35°
 Minimum 35°
 Minimum 20 psi



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