



Excalibur Water Systems

Commercial/Industrial Products

SYSTEM DESIGN DATA & SPECIFICATIONS

Model: EWS FQ3AG28

Quadplex Progressive 3" Turbidity Filter 28ft³

Chemical Removal Filter Operating Parameters

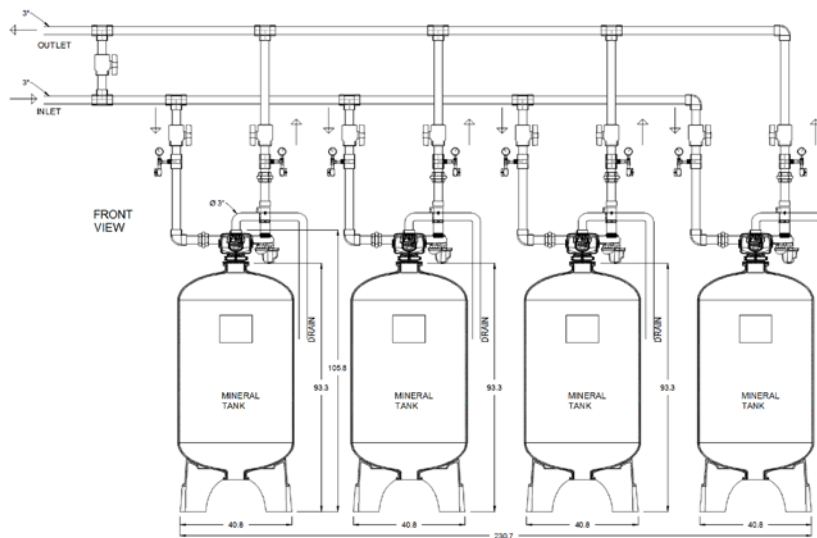
| | Unit (Progressive) |
|---------------------------------------|--------------------|
| Peak Flow Rate, gpm | : 120.3 (481.3) |
| Critical Flow Rate (5 Micron) | : 96.3 (385.0) |
| Critical Flow Rate (1 Micron) | : 38.5 (154.0) |
| Minimum Flow Rate, gpm | : 19.2 |
| Backwash Flow Rate, gpm | : 145.0 |
| Media Qty per Vessel, ft ³ | : 28.0 |
| #20 Gravel Qty per Vessel, lbs | : 300.0 |
| 1/4"x1/8" Gravel Qty per Vessel, lbs | : 400.0 |
| Distributor Size, in | : 3.0 |
| Drain Line Size, in | : 3.0 |

Miscellaneous Design Data

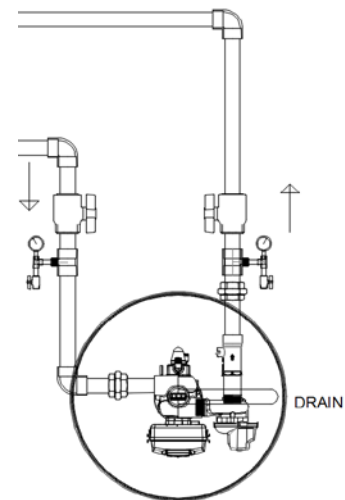
| | |
|-------------------------------|------------------|
| Mineral Tank Size, in. | : 42x72 |
| Tank Area, ft ² | : 9.63 |
| Freeboard, in. | : 21.0 |
| Bed Depth, in | : 34.9 |
| Total Regeneration Time, min. | : 18 |
| Operating Pressure, psi | : 40-110 |
| Operating Temperature, ° F | : 40-110 |
| Shipping Weight, lbs. | : 12,000 |
| Space Req'd in, L x W x H | : 184 X 43 X 110 |

Electrical Specifications

| | |
|------------------|-----------|
| Supply Voltage | : 120V AC |
| Supply Frequency | : 60 Hz |
| Output Voltage | : 20V AC |
| Output Current: | : 750 mA |



Front View



Top View

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