



# Excalibur Water Systems

## Commercial/Industrial Products

### SYSTEM DESIGN DATA & SPECIFICATIONS

**Model: EWS FSC15AG1.5**

**Fiveplex Progressive 1.0" Turbidity Filter 1.5ft<sup>3</sup>**

**Chemical Removal Filter Operating Parameters**

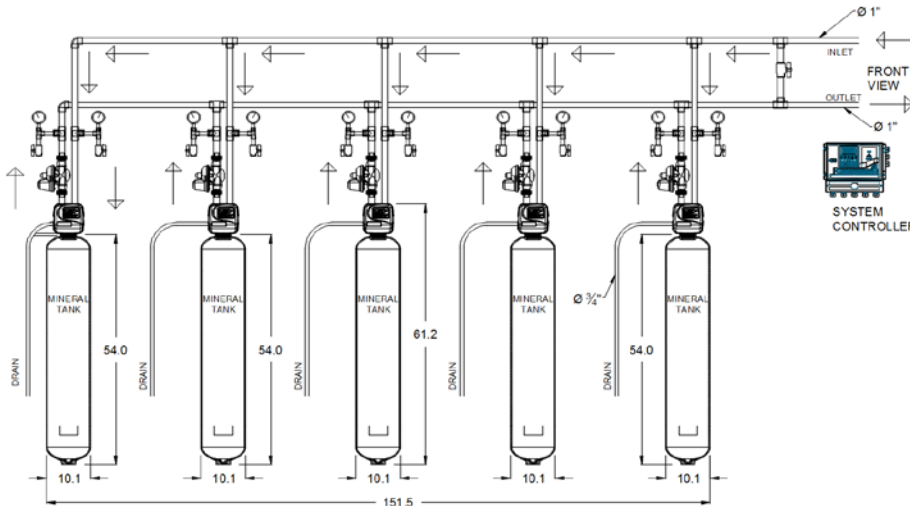
	Unit (Progressive)
Peak Flow Rate, gpm	: 6.8 (34.1)
Critical Flow Rate (5 Micron)	: 5.5 (27.3)
Critical Flow Rate (1 Micron)	: 2.2 (10.9)
Minimum Flow Rate, gpm	: 1.1
Backwash Flow Rate, gpm	: 7.5
Media Qty per Vessel, ft <sup>3</sup>	: 1.5
#20 Gravel Qty per Vessel, lbs	: 12.0
Distributor Size, in	: 1.05
Drain Line Size, in	: 0.75

**Miscellaneous Design Data**

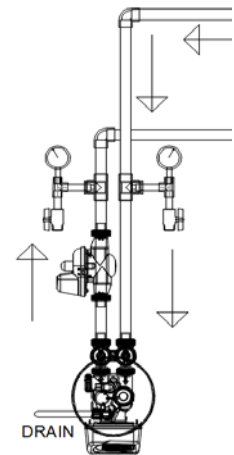
Mineral Tank Size, in.	: 10x54
Tank Area, ft <sup>2</sup>	: 0.545
Freeboard, in.	: 15.5
Bed Depth, in	: 33.0
Total Regeneration Time, min.	: 18
Operating Pressure, psi	: 40-110
Operating Temperature, ° F	: 40-110
Shipping Weight, lbs.	: 575
Space Req'd in, L x W x H	: 71 X 18 X 63

**Electrical Specifications**

Supply Voltage	: 120V AC
Supply Frequency	: 60 Hz
Output Voltage	: 12V AC
Output Current:	: 500 mA



**Front View**



**Top View**

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