



# Excaltbur Water Systems

## Commercial/Industrial Products

### SYSTEM DESIGN DATA & SPECIFICATIONS

**Model: EWS FSC153AG9SS5**

**Triplex System Controlled 5-Micron Side Stream Filter Ag Plus**

**Side Stream Filter Operating Parameters**

Peak Flow Rate, gpm	: 117.9
Continuous Max Flow Rate, gpm	: 94.2
Backwash Flow Rate, gpm	: 47.2
Media Qty per Unit, ft <sup>3</sup>	: 9.0
#20 Gravel Qty per Unit, lbs	: 100
1/4x1/8" Gravel Qty per Unit, lbs	: 100
Distributor Size, in	: 1.5
Drain Line Size, in	: 1.5
Separate Source Regen Port Size, in	: 1.5
Inlet/Outlet Port Size, in	: 1.5
Inlet Pressure Switch Trigger, psi	: 5.0
Boost Pressure Switch Trigger, psi	: 80.0
Dp Switch Trigger, psi	: 15.0

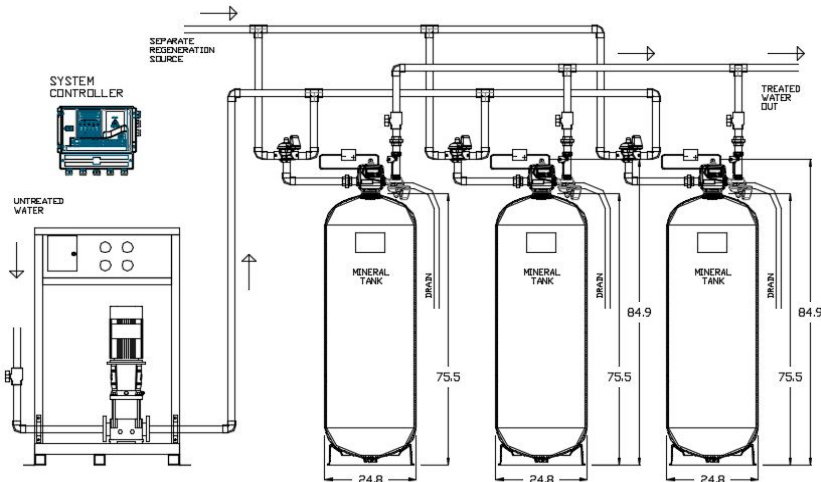
**Miscellaneous Design Data**

Mineral Tank Size, in.	: 24x72
Tank Area, ft <sup>2</sup>	: 3.14
Freeboard, in.	: 24.4
Bed Depth, in	: 34.4
Total Regeneration Time, min.	: 18
Operating Pressure, psi	: 40-110
Operating Temperature, ° F	: 40-110
Inlet Pressure, psi	: 15-40
Booster Pump Power	: 5.0 hp
Pressure Boost @53gpm, psi	: 40
Shipping Weight, lbs.	: 3,150
Space Req'd in, L x W x H	: 132 x 26 x 85

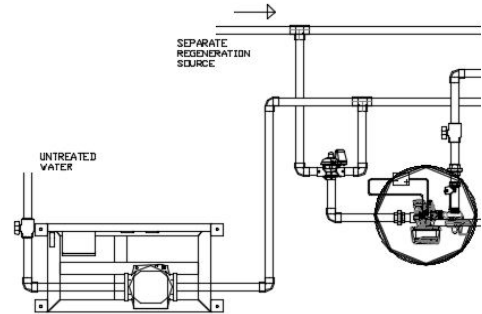
**Electrical Specifications**

Supply Voltage	: 230V AC 3 Phase	Control Valve Current:	: 500 mA
Supply Frequency	: 60 Hz	Pressure Switches Voltage	: 12V DC
Control Valve Voltage	: 12V AC		

\* Continuous maximum flow rate refers to filtered water to 5 micron filtration, flow rate not exceeding 10 gpm/ft<sup>2</sup>



Front View



Top View

Model: EWS FSC153AG9SS5

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