



Excalibur Water Systems

Commercial/Industrial Products

SYSTEM DESIGN DATA & SPECIFICATIONS

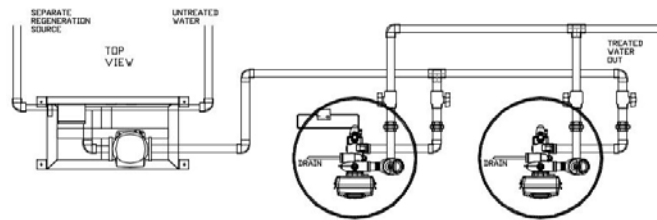
Model: EWS FTW2HAG21SS5

Twin Parallel 5-Micron Side Stream Filter Ag Plus

Side Stream Filter Operating Parameters

Peak Flow Rate, gpm	: 176.8
Continuous Max Flow Rate, gpm	: 141.4
Backwash Flow Rate, gpm	: 212.0
Media Qty per Unit, ft ³	: 21.0
#20 Gravel Qty per Unit, lbs	: 200
1/4x1/8" Gravel Qty per Unit, lbs	: 300
Distributor Size, in	: 2.0
Drain Line Size, in	: 2.0
Separate Source Regen Port Size, in	: 2.0
Inlet/Outlet Port Size, in	: 2.0
Inlet Pressure Switch Trigger, psi	: 5.0
Boost Pressure Switch Trigger, psi	: 80.0
Dp Switch Trigger, psi	: 15.0

Top View

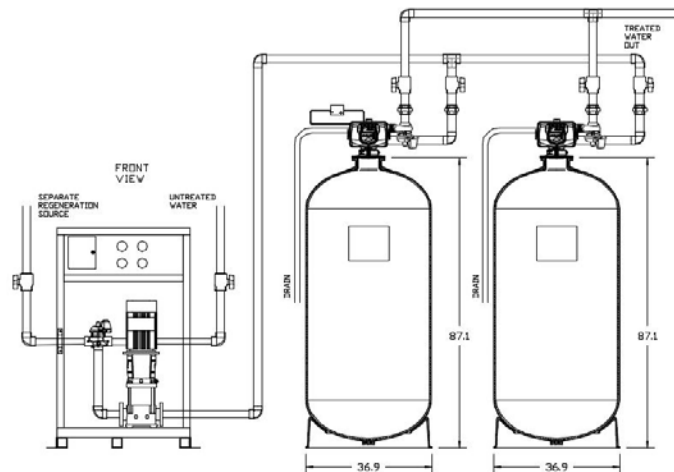


* Continuous maximum flow rate refers to filtered water to 5 micron filtration, flow rate not exceeding 10 gpm/ft²

Miscellaneous Design Data

Mineral Tank Size, in.	: 36x72
Tank Area, ft ²	: 7.07
Freeboard, in.	: 21.6
Bed Depth, in	: 35.6
Total Regeneration Time, min.	: 18
Operating Pressure, psi	: 40-110
Operating Temperature, ° F	: 40-110
Inlet Pressure, psi	: 15-40
Booster Pump Power	: 15.0 hp
Pressure Boost @210gpm, psi	: 40
Shipping Weight, lbs.	: 4,860
Space Req'd in, L x W x H	: 207 x 38 x 98

Front View



Electrical Specifications

Supply Voltage	: 230V AC 3 Phase
Supply Frequency	: 60 Hz
Control Valve Voltage	: 20V AC
Control Valve Current:	: 750 mA
Pressure Switches Voltage	: 12V DC

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