



Excaltbur Water Systems

Commercial/Industrial Products

SYSTEM DESIGN DATA & SPECIFICATIONS

Model: EWS FSC2MQC4AG14SS5

Quadplex System Controlled 5-Micron Side Stream Filter Ag Plus

Side Stream Filter Operating Parameters

| | |
|-------------------------------------|---------|
| Peak Flow Rate, gpm | : 245.6 |
| Continuous Max Flow Rate, gpm | : 196.4 |
| Backwash Flow Rate, gpm | : 74.0 |
| Media Qty per Unit, ft ³ | : 14.0 |
| #20 Gravel Qty per Unit, lbs | : 200 |
| 1/4x1/8" Gravel Qty per Unit, lbs | : 200 |
| 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 |

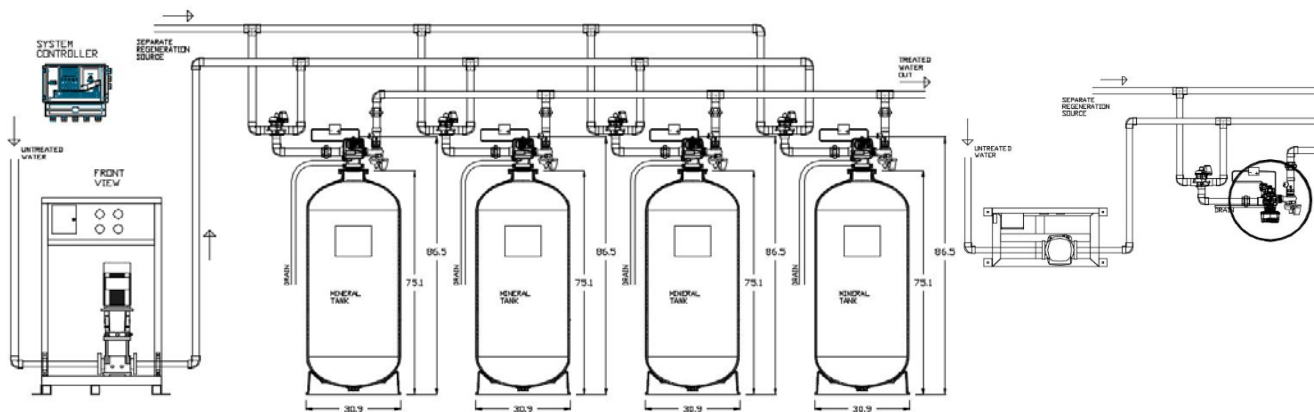
Miscellaneous Design Data

| | |
|-------------------------------|-----------------|
| Mineral Tank Size, in. | : 30x72 |
| Tank Area, ft ² | : 4.91 |
| Freeboard, in. | : 22.6 |
| Bed Depth, in | : 34.2 |
| Total Regeneration Time, min. | : 18 |
| Operating Pressure, psi | : 40-110 |
| Operating Temperature, ° F | : 40-110 |
| Inlet Pressure, psi | : 15-40 |
| Booster Pump Power | : 10.0 hp |
| Pressure Boost @200gpm, psi | : 40 |
| Shipping Weight, lbs. | : 6,230 |
| Space Req'd in, L x W x H | : 210 x 32 x 95 |

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/ft²



Front View

Top View

Model: EWS FSC2MQC4AG14SS5

BARRIE • ONTARIO • CANADA TF: 877.733.8999 WWW.EXCALIBURWATER.COM