

# EXCALIBUR WATER SYSTEMS

## COMMERCIAL WATER FILTER

### SYSTEM DESIGN DATA & SPECIFICATIONS

**Model: EWS FSC1254CS5**

**Filter 1.25" Quadplex Progressive Chemical Removal Filtration 5ft<sup>3</sup>**

#### Water Filter Operating Parameters

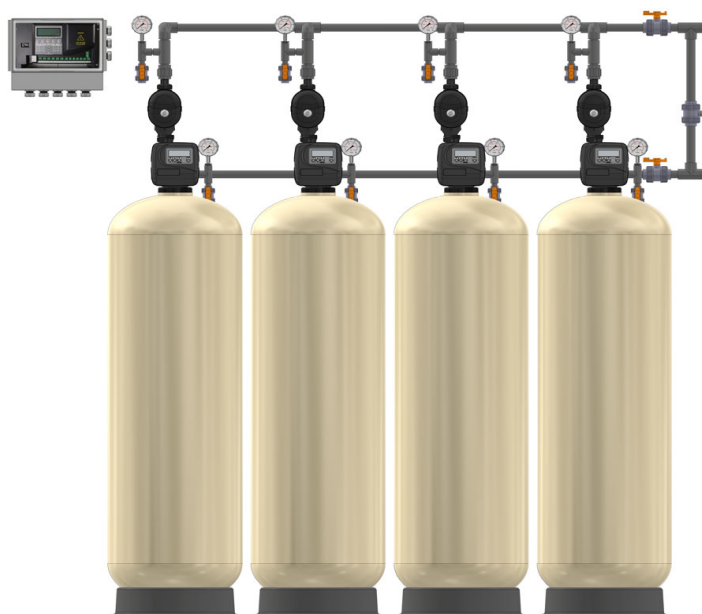
Minimum Flow Rate, gpm	: 2.0
Chloramine Flow (Progressive), gpm	: 3.8 (15.0)
TOC Flow (Progressive), gpm	: 5.0 (20.0)
Chlorine Flow (Progressive), gpm	: 15.0 (60.0)
Flow (Progressive) 15psi ΔP, gpm	: 22.0 (88.0)
Flow (Progressive) 25psi ΔP, gpm	: 27.0 (108.0)
Backwash Flow Rate, gpm	: 17.0
Media Qty, ft <sup>3</sup>	: 5.0
#20 Gravel Qty, lbs	: 100.0
Distributor Size, in	: 1.25
Drain Line Size, in	: 1.0

#### Electrical Specifications

Supply Voltage	: 120VAC
Supply Frequency	: 60 Hz

#### Miscellaneous Design Data

Mineral Tank Size, in.	: 18x65
Freeboard, in.	: 22.0
Bed Depth, in	: 33.9
Total Regeneration Time, min.	: 18
Operating Pressure, psi	: 40-110
Operating Temperature, ° F	: 40-110
Control Valve, type	: WS125EE
Battery Backup, battery	: Lithium
Regeneration Cycles, #	: 2
Shipping Weight, lbs.	: 1,700
Operating Weight, lbs.	: 4,106
Space Req'd in, L x W x H	: 85x28x95



*\* Pipe and fittings shown not in scope*