



# EXCALIBUR WATER SYSTEMS

## COMMERCIAL WATER FILTER

### SYSTEM DESIGN DATA & SPECIFICATIONS

**Model: EWS FS2HFCS4**

**Water Filter 2.0"HF Simplex Chemical Removal Filtration 4ft<sup>3</sup>**

#### Water Filter Operating Parameters

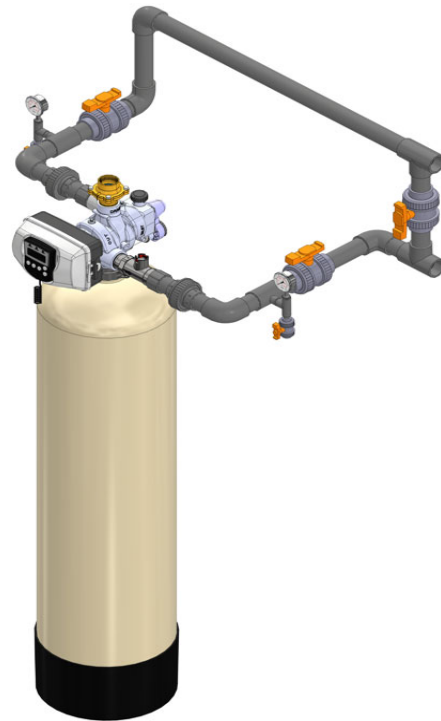
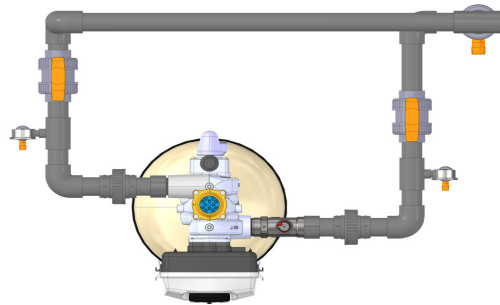
Minimum Flow Rate, gpm	: 1.6
Chloramine Flow Rate, gpm	: 3.0
TOC Flow Rate, gpm	: 4.0
Chlorine Flow Rate, gpm	: 12.0
Flow Rate 15psi ΔP, gpm	: 47.0
Flow Rate 25psi ΔP, gpm	: 60.0
Backwash Flow Rate, gpm	: 13.0
Media Qty, ft <sup>3</sup>	: 4.0
#20 Gravel Qty, lbs	: 75.0
Distributor Size, in	: 2.0
Drain Line Size, in	: 2.0

#### Miscellaneous Design Data

Mineral Tank Size, in.	: 16x65
Freeboard, in.	: 20.0
Bed Depth, in	: 33.0
Total Regeneration Time, min.	: 18
Operating Pressure, psi	: 40-110
Operating Temperature, ° F	: 40-110
Control Valve, type	: WS2HF
Battery Backup, battery	: Lithium
Regeneration Cycles, #	: 2
Shipping Weight, lbs.	: 565
Operating Weight, lbs.	: 1,000
Space Req'd in, L x W x H	: 52x38x94

#### Electrical Specifications

Supply Voltage	: 120VAC
Supply Frequency	: 60 Hz
Output Voltage	: 24VDC
Output Current:	: 800 mA



*\* Pipe and fittings shown not in scope*