



EXCALIBUR WATER SYSTEMS

COMMERCIAL WATER FILTER

SYSTEM DESIGN DATA & SPECIFICATIONS

Model: EWS FS2HFCS18

Water Filter 2.0"HF Simplex Chemical Removal Filtration 18ft³

Water Filter Operating Parameters

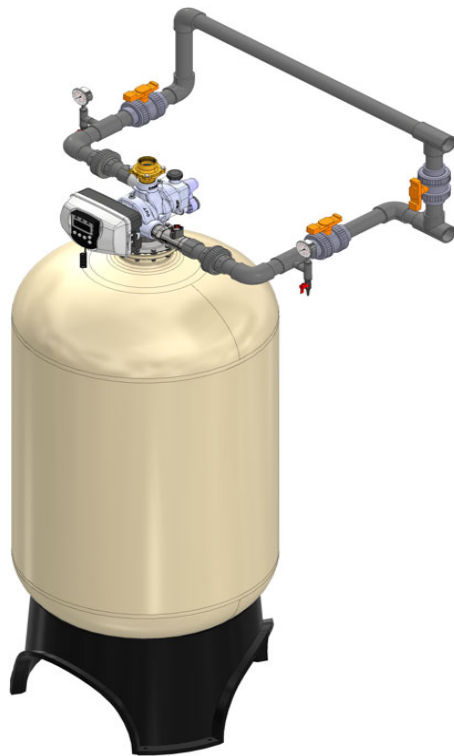
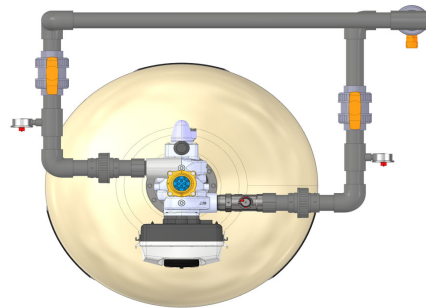
Minimum Flow Rate, gpm	: 7.2
Chloramine Flow Rate, gpm	: 13.5
TOC Flow Rate, gpm	: 18.0
Chlorine Flow Rate, gpm	: 54.0
Flow Rate 15psi ΔP, gpm	: 95.0
Flow Rate 25psi ΔP, gpm	: 120.0
Backwash Flow Rate, gpm	: 70.0
Media Qty, ft ³	: 18.0
#20 Gravel Qty, lbs	: 150.0
1/4"X1/8" Gravel Qty, lbs	: 350.0
Distributor Size, in	: 2.0
Drain Line Size, in	: 2.0

Miscellaneous Design Data

Mineral Tank Size, in.	: 36x72
Freeboard, in.	: 25.0
Bed Depth, in	: 34.0
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.	: 2,350
Operating Weight, lbs.	: 3,200
Space Req'd in, L x W x H	: 51x44x111

Electrical Specifications

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



** Pipe and fittings shown not in scope*