



EXCALIBUR WATER SYSTEMS

COMMERCIAL WATER FILTER

SYSTEM DESIGN DATA & SPECIFICATIONS

Model: EWS FS2HFCS12

Water Filter 2.0"HF Simplex Chemical Removal Filtration 12ft³

Water Filter Operating Parameters

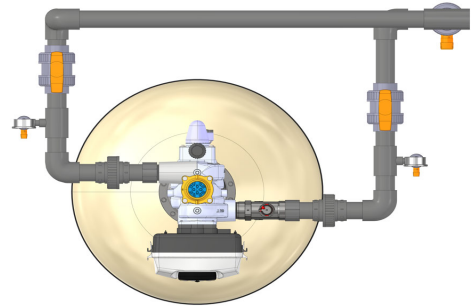
Minimum Flow Rate, gpm	: 4.8
Chloramine Flow Rate, gpm	: 9.0
TOC Flow Rate, gpm	: 12.0
Chlorine Flow Rate, gpm	: 36.0
Flow Rate 15psi ΔP, gpm	: 85.0
Flow Rate 25psi ΔP, gpm	: 105.0
Backwash Flow Rate, gpm	: 47.5
Media Qty, ft ³	: 12.0
#20 Gravel Qty, lbs	: 100.0
1/4"X1/8" Gravel Qty, lbs	: 250.0
Distributor Size, in	: 2.0
Drain Line Size, in	: 2.0

Miscellaneous Design Data

Mineral Tank Size, in.	: 30x72
Freeboard, in.	: 27.5
Bed Depth, in	: 29.3
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.	: 1,200
Operating Weight, lbs.	: 2,600
Space Req'd in, L x W x H	: 52x42x99

Electrical Specifications

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



** Pipe and fittings shown not in scope*