



EXCALIBUR WATER SYSTEMS

COMMERCIAL WATER FILTER

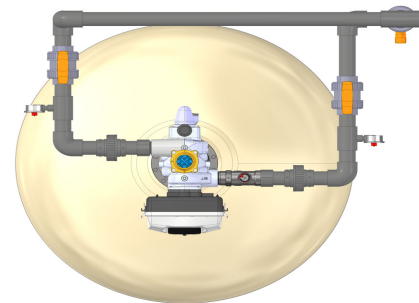
SYSTEM DESIGN DATA & SPECIFICATIONS

Model: EWS FS2HFCS32

Water Filter 2.0"HF Simplex Chemical Removal Filtration 32ft³

Water Filter Operating Parameters

Minimum Flow Rate, gpm	: 14.0
Chloramine Flow Rate, gpm	: 24.0
TOC Flow Rate, gpm	: 32.0
Chlorine Flow Rate, gpm	: 96.0
Flow Rate 15psi ΔP, gpm	: 110.0
Flow Rate 25psi ΔP, gpm	: 135.0
Backwash Flow Rate, gpm	: 125.0
Media Qty, ft ³	: 32.0
#20 Gravel Qty, lbs	: 300.0
1/4"X1/8" Gravel Qty, lbs	: 600.0
Distributor Size, in	: 2.0
Drain Line Size, in	: 2.0



Miscellaneous Design Data

Mineral Tank Size, in.	: 48x72
Freeboard, in.	: 23.5
Bed Depth, in	: 30.5
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.	: 3,200
Operating Weight, lbs.	: 4,160
Space Req'd in, L x W x H	: 57x50x118

Electrical Specifications

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



** Pipe and fittings shown not in scope*