

## EFC HOUSING SERIES



### THE EDEN DIFFERENCE

Eden Equipment Company, manufacturer of patented and highly engineered filtration systems, is committed to meeting the global demand for cost effective filtration solutions.

With a focus on durability and reliability, our products minimize downtime through an easy to maintain design. Replacement costs are reduced by outlasting most competitors.

Our housings are 3 to 5 times stronger than comparable steel vessels at 50% of the weight and are compatible with most filter cartridges. The life of our housings, even in highly corrosive environments, has exceeded 20 years.

### EFC HOUSING DESCRIPTION

The Eden Excel patented line of vessels and filtration systems provide exceptional chemical resistance and outstanding tensile strength.

- EFC housings are constructed from a fiber-glass reinforced plastic (FRP) barrel manufactured with Dow Derakane 411, a flexible and fatigue-resistant vinyl ester resin
- Seamless construction adds strength and longevity
- Engineered to minimize downtime; easy to clean and replace parts
- Internal Components are constructed of PVC. CPVC & PVDF available for specialized applications
- Externals are constructed of anodized aluminum & 303 stainless steel with other materials optional
- Buna O-rings are standard

### FEATURES

- Designed to ASME Code, Section X standards
- All wetted materials meet the FDA CFR Title 21 requirements
- Pressure Rating - Maximum use pressure 150 PSI at 150° F
- Hydrostatically pressure tested to 300 PSI, design pressure of 900 PSI
- Corrosion resistant - compatible with fluids in PH range of 2-13
- Standard 2" NPT inlet/outlet
- Standard 1/4" NPT vent



### FLOW RATES

The following flow rates are suggested for standard use, though significantly higher rates may be obtained with corresponding pressure drop.

EFC Product	GPM	Cartridge Size	# of Cartridges
6EFC1-2C150	to 30 GPM	10 inch	6
12EFC2-2C150	to 60 GPM	20 inch	6
18EFC3-2C150	to 90 GPM	30 inch	6
24ESC4-2C150	to 120 GPM	40 inch	6

### OPTIONS

- All vessels are highly customizable for the widest availability
- 222 Cartridge Seal Internals
- 2" or 3" flange sets in PVC, CPVC or Polypropylene
- EPDM, Viton, Silicon, Kalrez O-Rings
- Polypropylene or PVDF Liner
- 316 Stainless Steel Externals
- BPO bleach service

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