

## EFCT 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.

### EFCT HOUSING DESCRIPTION

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

- EFCT 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 also available
- 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 rated 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 4" socket 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.

EFCT Product	GPM	Cartridge Size	# of Cartridges
44EFCT2-4C150	to 220 GPM	20 inch	22
66EFCT3-4C150	to 330 GPM	30 inch	22
88EFCT4-4C150	to 440 GPM	40 inch	22
110EFCT5-4C150	to 550 GPM	50 inch	22

### OPTIONS

- All vessels are highly customizable for the widest availability
- 222 Cartridge Seal Internals
- 2", 3", 4" or 6" flange sets in PVC or CPVC
- EPDM, Viton, Silicon, Kalrez O-Rings available
- BPO bleach service