

Design Features

STYRE FRP housings are designed for a variety of industry applications. We offer side and end connection models and we also offer custom designed housing designed to customer's engineering specifications.

Advantages

- Easy installation and maintenance
- FRP housing designed for corrosion resistant
- High chemical resistance
- Designed for compact use and small footprint
- Modular Design

Competitive Investment

STYRE systems utilize performance engineered FRP housings designed for corrosion resistant that potentially reduce your capital start-up costs over typical steel vessels by up to 50%.

Low Maintenance Costs

Advanced pleated filter material design deliver efficiency and performance. The increased surface of the media provides longer element life, which means fewer change outs. Reduced filter consumption results in minimized disposal, operator exposure and downtime.

STARE

Ease Of Use

We've eliminated the need for heavy equipment, such as cranes to open vessel doors or remove cumbersome baskets. Access to the filtration elements requires virtually no tools.

- Easy-to-remove, tool-less retaining ring
- Convenient handle on the cover plate
- Ergonomic handle on the element for easy entry and exit
- Guided tabs for quick element access and precision alignment

Compact Design Than Other Competitors

Offers reduced system footprint, up to 50% smaller than competitively sized housings.

Applications

- Pretreatment
- RO Prefiltration
- Seawater desalination
- Condensate water filtration
- Hot water recovery in power generation
- API, Solvents, and water filtration in Biopharm market
- Bottled water filtration
- High fructose, edible oil, soft drinks and milk
- · Paints and coatings
- Petrochemicaland Refineries
- Microelectronics, Film, Fiber and resin

STERE



General Information

Ref.	Part Number	L (mm)	S (mm)	Approx Assembly weight (kg)
40" E	T80-150E-40	1300	800	27



MODEL	CONNECTION	MAX. PRESSURE	FILTER LENGTH	AVARAGE FLOW RATE
ST-80-150S-40 Sideport	3" coupling	150 Psi / 10 Bar	40"	30-60 m ³ /hour





Industrial



Biotech & Pharmaceutical



Chemical & Petrochemica



Food & Agriculture

Make the Right Choice

Understanding your water application and the importance of using health, chemical free water is the first step towards healthier living. Finding the right water filtration systems for your application is the next step.

The STYRE Cartridge Filter Advantage

Designed to provide optimum filtration while significantly reducing operating costs and offering overall energy and cost savings.

- Increased energy savings
- Significantly lower installation costs
- Lower operating costs
- High loading capacity
- Ease of installation and maintenance
- Longer life span

STYRE CARTRIDGE HOUSING AND FILTER



High Flow Cartridge System

			FLO\	N RATE			
		MEMBRANE AREA (m ²)	Max flow rate (m³/hour)	Design flow rate) (m³/hour)	Length of Cartridge (mm)	Structure of Cartridge	Filtration Efficiency
	40" HFP	7	60	30-50	1016	2-katmanlı	00 %
	60" HFP	10,5	90	45-75	1024	yapı	90 %
	40" HFP-H	4,5	70	35-55	1016	6-katmanlı	00 10 %
	60" HFP-H	6,8	105	50-80	1024	yapı	99,10 %
	SYSTEM	SPECIFICATI	ON				
Element T		rpe Styre high-flow f		-flow filter s	filter system		
Micron Ra		tings		01, 05, 10 & 20 Micron Nominal			
	Diameter of	of Cartridge		152 mm			
	Suggestee for Elemer	d Pressure Dro nt Replacemen	p t	1.5 bar			
	sure Drop		3.4 bar				
	Max. Tem	oerature		80°C			
	Flow Direct of Filter Sy	ction /stem		End in, sid End in, en	le out d out		
	Flow Direc of Filter Ca	ction artridge		Inside -Ou	t		







Cartridge Filter and Housing Construction Material

MATERIALS				
	Shell	Fiberglass		
	End cap	ABS		
	End cap handle	Stainless steel 304		
	Inlet	ABS		
TIOUSING	End port outlet	ABS		
	Side port outlet	Fiberglass		
	Locking segment	Stainless steel 304		
	Saddle	Rubber		
	Saddle Media(membrane)	Rubber Polypropylene		
	Saddle Media(membrane) Supporting layer	Rubber Polypropylene Polypropylene		
	Saddle Media(membrane) Supporting layer Seal	Rubber Polypropylene Polypropylene EPDM or NBR		
CARTRIDGE	Saddle Media(membrane) Supporting layer Seal Inner frame	Rubber Polypropylene Polypropylene EPDM or NBR Polypropylene		
CARTRIDGE	Saddle Media(membrane) Supporting layer Seal Inner frame Lifting rug	RubberPolypropylenePolypropyleneEPDM or NBRPolypropylenePolypropylene		
CARTRIDGE	Saddle Media(membrane) Supporting layer Seal Inner frame Lifting rug Flow diverter	RubberPolypropylenePolypropyleneEPDM or NBRPolypropylenePolypropylenePolypropylenePolypropylene		



NEW!!

STYRE Side-Connected Model

The STYRE system is designed for filtration system technologies. We respond to market needs and requirements by paying attention to critical applications, cartridge filter care and protection. It offers high quality, while offering lower capital investment and operating costs in a small footprint. Our innovative proprietary design allows for easy and fast maintenance for minimum downtime that ensure your systems run continuously.

าสารขณะบารของสารขณะการกลาสารของสารของสารของสารของสารที่สารของสารของสารของสารของสารของสารของสารของสารของสารของสา

