

ESS2

Stainless Steel Filter Housing



Rainfresh ESS2 filter housing is constructed of durable stainless steel and meets general purpose industrial and commercial filtration needs.

The ESS2 filter housing accommodates a single cartridge of 20" nominal length and 2.5" diameter, and handles liquids at pressures and temperatures of up to 150 psi at 175°F.

DESIGN FEATURES

- Heavy-duty, rugged SS304 construction
- Positive cartridge seal
- Clamp with tool for quick and easy opening
- Housing uses single 20"L x 2.5" Ø cartridge

APPLICATIONS

ESS2 filter housing can be used for a variety of industrial & commercial applications, such as

- Glycol filtration in commercial buildings
- Hot water filtration in industries and commercial buildings
- Sediment filtration in high-pressure applications

SPECIFICATIONS

Table 'A' lists general specifications for ESS2 model housing. Note that maximum operating temperature and pressure is for housing only. Actual system operating conditions depend on the filter cartridge used.

| Model | Inlet / Outlet | Max Pressure* | Max Flow Rate | Water Temp Range** | No. of Cart. (Cart Dimension) | Shipping Wt |
|-------|----------------|------------------|-----------------------------|------------------------------|-------------------------------|-------------------|
| ESS 2 | ¾" FNPT | 150 psi (10 bar) | 14 GPM (53 LPM) @ ~ 5psi ΔP | 4 °C to 80 °C (39°F - 175°F) | 1 cart, 20"Lx2.5"Ø | 7.5 lbs 3.4 Kg |

Cartridge not included.

* -If water pressure exceeds the rated pressure, a pressure regulator must be installed before the filter housing.

** - Temperature rating for housing only. For temperatures > 38 °C, hot water cartridges must be used

BENEFITS

- Heavy Duty Design
- Rugged, Long-lasting Stainless Steel Construction
- Easy Cartridge Change-out
- Simple Maintenance

When sizing filtration system, amount of contaminant to be removed should be considered in addition to flow rate and desired pressure drop. Systems sized on low initial pressure drop have enhanced cartridge life.

INSTALLATION NOTES:

| Unit Width (Inch) | Unit Height (Inch) | Unit Depth (Inch) | Connections |
|-------------------|--------------------|-------------------|-----------------|
| 4" | 24" | 4" | 3/4" Female NPT |

- Caution: Do not use for air or compressed gas filtration
- Mounting bracket and sump opening tool included

REPLACEMENT CARTRIDGES:

Choice of standard or hot water cartridges. Call Envirogard for details

5 year limited warranty



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