

# ESS1

## Stainless Steel Filter Housing



Rainfresh ESS1 filter housing is constructed of durable stainless steel and meets general purpose industrial and commercial filtration needs.

The ESS1 filter housing accommodates a single cartridge of 10" nominal length and 2.5" and handles liquids at pressures and temperatures of up to 150 psi at 250°F.

### DESIGN FEATURES

- Heavy-duty, rugged SS304 construction
- Positive cartridge seal
- Clamp for quick and easy opening
- Housing uses 9¾", 9 7/8" or 10" cartridges
- Sludge drain for simple and easy maintenance

### SPECIFICATIONS

Table 'A' lists general specifications for ESS1 model housing. Note that maximum operating temperature and pressure is for housing only. Actual system operating conditions depend on the filter cartridge and gasket used in the housing.

Model	Inlet / Outlet	Max Pressure	Rated Capacity	Dimensions Ht x Dia	No. of Cart.	Shipping Wt
ESS 1	¾" FNPT	150 psi 10 bar (Kg/cm <sup>2</sup> )	7 gpm 26.5 lpm	13.5" x 4"	1 (10")	6 lbs 2.7 Kg

*Cartridge not included*

**Table A: ESS1 Specifications**

**Caution: Do not use for air or compressed gas filtration**

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 enhance cartridge life.

### BENEFITS

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



### Envirogard Products Limited

446 Major Mackenzie Drive East, Unit 6, Richmond Hill, ON L4C 1J2, Canada  
 Tel: (905) 884 9388 Fax: (905) 884-3532 Helpline: 1-800-667-8072  
 Web site: [www.rainfresh.ca](http://www.rainfresh.ca)