

# ESS24

## Commercial/Industrial Filter Housings



Envirogard's ESS model filter housings, constructed of durable stainless steel, meet general purpose industrial and commercial filtration needs.

The ESS24 Model cartridge filter housing accommodates 24 cartridges of 10" nominal length and 2.5" dia or 12 cartridges of 20" length. The ESS24 filter housing handles liquids at pressures and temperatures of up to 150 psi at 250°F.

### DESIGN FEATURES

Heavy-duty, rugged SS304/316 construction

Positive cartridge seal

Clamp for quick and easy opening

Housing uses 9¾", 9 7/8" or 10" modular or 20" nominal cartridges.

Sludge and Clean-side drains for simple and easy maintenance.

Air-Vent for venting before start-up or draining.

### SPECIFICATIONS

Table 'A' lists general specifications for ESS24 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 24	3" Flanged	150 psi 10 bar (Kg/cm <sup>2</sup> )	168 gpm 635 lpm	29" x 17"	24 (10") (12x20")	125 lbs 56.8 Kg

*Cartridges not included*

Table A: ESS24 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 SS Construction

Easy Cartridge Change-out

Top Pressure Relief Vent

Dirty & Clean Side Drains for Simple Maintenance



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