

# ESS20

## Commercial/Industrial Filter Housings



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

The ESS20 Model cartridge filter housing accommodates 20 cartridges of 10" nominal length and 2.5" dia or 5 cartridges of 40" length. The ESS20 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 9 3/4", 9 7/8" or 10" modular 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 ESS20 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.

<i>Model</i>	<i>Inlet / Outlet</i>	<i>Max Pressure</i>	<i>Rated Capacity</i>	<i>Dimensions Ht x Dia</i>	<i>No. of Cart.</i>	<i>Shipping Wt</i>
<b>ESS 20</b>	2"	150 psi	140 gpm	49" x 10"	20 (10")	48 lbs
	MNPT	10 bar (Kg/cm <sup>2</sup> )	530 lpm		5 (40")	21.8 Kg

*Cartridges not included*

**Table A: ESS20 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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