

ESS12

Commercial/Industrial Filter Housings



Rainfresh ESS12 filter housing is constructed of durable stainless steel and meets general purpose industrial and commercial filtration needs.

The ESS12 Model cartridge filter housing accommodates four cartridges of 30" nominal length and 2.5" diameter and 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 4 cartridges of 30" nominal length and 2.5" diameter
- 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 ESS12 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	Ideal Flow Rate	Dimensions Ht x Dia	No. of Cart.	Shipping Wt
ESS 12	2" MNPT	150 psi 10 bar (Kg/cm ²)	84 gpm 318 lpm	36 – 48 GPM for highest cartridge efficiency	39" x 10"	4 (30" L x 2.5" dia)	40 lbs 18.2 Kg

Cartridges not included.

Table A: ESS12 Specifications

Caution: Do not use for air or compressed gas filtration

Cartridge model choices – MB30N__N (Add micron rating for part #. E.g. for 5µ cartridge, part # is MB30N05N.

Note: 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.

5 year limited warranty

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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