

ECOCART™ Single Filter Cartridge Housings



Single filter cartridge housings in "lightweight construction" for commercial applications

The ECOCART single filter cartridge housings from Eaton are characterized by their "lightweight construction" and are suitable for commercial applications.

These single filter cartridge housings are a particularly cost-effective solution for price-sensitive applications. ECOCART filter cartridge housings are made of stainless steel and are suitable for the use of DOE filter cartridges (double open ended) with a maximum outer diameter of 2.75". The union nut is pulled over the housing sump and screwed to the housing head. Sealing is achieved by means of a EPDM O-ring between the housing sump and the head.

Features

- Housing head for inline installation with removable housing sump and union nut
- Blasted surfaces inside and outside
- Parts in contact with product in stainless steel 304
- Housing connections (inlet and outlet) in ¾" NPT as well as 1" NPT female threaded
- Available with drainage (female thread ¼" NPT with screw plug)
- Filter cartridges in double open ended (DOE) design with a maximum outer diameter of 2.75" can be used in lengths of 10", 20" and 30"
- Maximum permissible operating pressure: 300 psi
- Maximum permissible operating temperature: 200°F

Option

- EPDM O-ring as standard for cover seal, optionally available in FKM

EPDM: Ethylene Propylene Diene Monomer Rubber
FKM: Fluoro Rubber

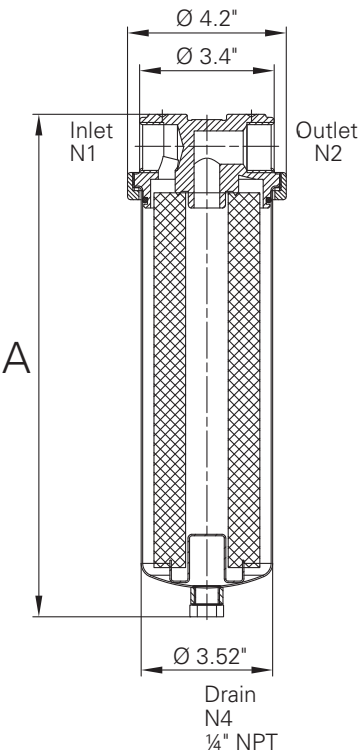
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Applications

Coarse filtration > 500 µm	
Medium filtration > 10 µm	✓
Fine filtration < 10 µm	✓
Pre-filtration	✓
Safety filtration	
High volume	
Batch filtration	✓
Circuit filtration	✓
Continuous filtration	
Solvents, paints	
Fats and oils	
Catalysts, activated carbon	
Acids, bases	
Petrochemicals	
Water, waste water	✓
Chemical industry	✓
Pharmaceuticals	
Metal cleaning	
Automotive industry	
Electronics	
Food and beverage	
Paint and lacquer	
Water treatment	✓
Galvanic industry	✓

Types



Technical Data and Dimensions

Types	EKF-110	EKF-120	EKF-130
Number of filter cartridges	1		
Length of filter cartridges	10"	20"	30"
Dimension A	14"	24"	34"
Connection	3/4" or 1" NPT		
Volume (gal)	0.75	1.3	2
Weight (lbs)	9	12	15
Adapter	DOE		