

For slurry filtration

# Capsule filter    EH Series

The EH series capsule filter adopts a unique structural design. The inner core is close to the PP shell with a very small gap, which effectively reduces liquid loss. Since the liquid will remain within the encapsulated filter cartridge, there is no need to clean the housing, reducing disposal costs. It also features a unique check valve design that is splash-proof and prevents operator exposure to hazardous materials. It provides the greatest guarantee for a safe and environmentally friendly filtration process.

Product Characteristics

- ◆ The filter cartridge can be replaced with a simple operation
- ◆ Suitable for high viscosity liquid filtration
- ◆ Keep the production environment clean and reduce environmental pollution
- ◆ The gap between capsule and filter is small, minimizing slurry residue
- ◆ There is no need to clean the stainless steel filter as the liquid will remain inside the encapsulated filter cartridge

Specification Parameter

|                                  |   |        |        |
|----------------------------------|---|--------|--------|
| Product type                     | EH05  | EH10   | EH20   |
| Filter cartridge length          | 5inch   | 10inch | 20inch |
| Number of filter cartridge       | 1 pcs   |        |        |
| Shell length                     | 192mm   | 318mm  | 571mm  |
| Outer diameter                   | 76mm  |        |        |
| Inner filter cartridge structure | Winding filter cartridge、Pleated filter cartridge |        |        |
| Filter membrane material         | Polypropylene (PP)                                |        |        |
| Check valve material             | Seal=PP/Spring=SUS304                             |        |        |
| Sealing o- ring                  | EPDM  |        |        |
| Exhaust valve thread size        | R 1/4   |        |        |
| Maximum operating temperature    | 80°C  |        |        |
| Maximum working pressure         | 0.7Mpa  |        |        |

Order Information

EH [1](#) [2](#) [3](#) [4](#) [5](#)

Block 1

|      |                       |
|------|-----------------------|
| Code | Vent                  |
| A    | With exhaust valve    |
| B    | Without exhaust valve |

Block 2

|      |                                  |
|------|----------------------------------|
| Code | Inner filter cartridge structure |
| J    | Winding filter cartridge         |
| Z    | Pleated filter cartridge         |

Block 3

|      |                         |
|------|-------------------------|
| Code | filter cartridge length |
| 05   | 5inch                   |
| 10   | 10inch                  |
| 20   | 20inch                  |

Block 4

|      |                |
|------|----------------|
| Code | Removal Rating |
| 150  | 15μm           |
| 300  | 30μm           |
| 500  | 50μm           |
| 750  | 75μm           |
| 900  | 90μm           |
| 1000 | 100μm          |
| 1250 | 125μm          |
| 1500 | 150μm          |
| 2000 | 200μm          |

Block 5

|      |                 |
|------|-----------------|
| Code | Sealing o- ring |
| E    | EPDM            |

Dimension

