

Basket Filters

Separation : Liquid/Solid
Equipment: FILTER
Media : permanent

Filter housing :

Basket screens consist in a filter body with 1 or several metallic screening baskets, welded or not.

Horizontal body design available.

Operating pressure:

Standard nominal pressure 10 bar (design at 9 bar in accordance with the European guideline PED 97/23), and other pressure values available according to ASME VIII code div 1 and PED 97/23.

Operation principle:

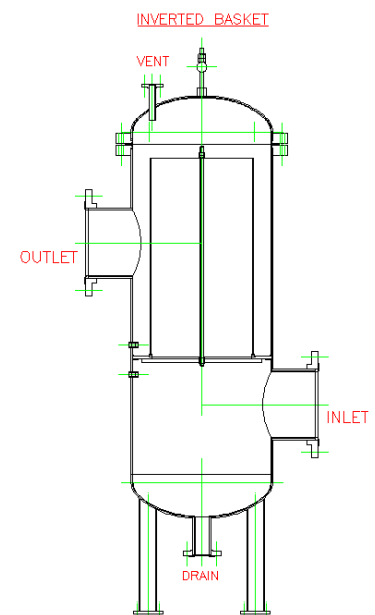
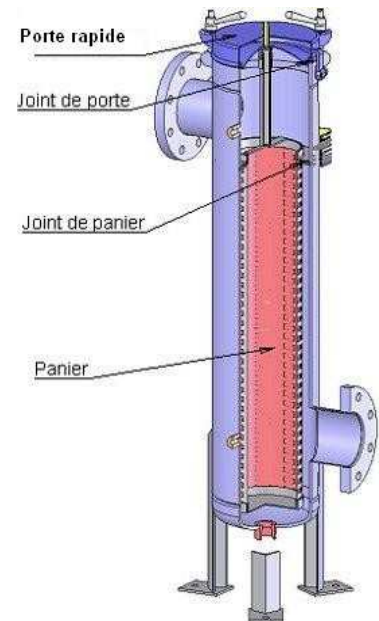
The fluid flows from the basket inside to the outside. The capacity is related to the fluid type and to the considered filter medium: this can be a standard screening fabric or a calibrated slot medium made of triangular wire winding.

→ the “inverted basket” body design should be considered for large particle removal.

Heavy solid particles settle down to the filter bottom without plugging the basket. The operation time before cleaning is increased.

Advantages:

- ◆ Low purchase price.
- ◆ Micron rating adjustable with basket change.
- ◆ Very strong filter design for triangular wire version.



Minimum required data for enquiry:

Type of fluid and application.
Nominal and design pressure.

Nominal and design flow capacity
Required micron rating.