

Screen Filters



Advantages of UDI® screen filters:

Screen filters are often used as safety components of an installation. All dirt particles above certain size will be blocked. They have a dual purpose: to signal a problem in the upstream part of the installation, while in addition protecting the downstream part of the installation.

UDI® screen filters are available as in-line and angle-patterned filters. Safety can be increased by including a second inside filter. Filtering the water proceeds from the outside to the inside. The filter cake is on the outside of the filter element and can be easily removed by hand.

UDI® BS screen filters are also available as in-line filters. This filter is to be mounted with the filter body directed downwards. In this case the water is filtered from the inside to the outside. Draining is possible with the valve mounted on the cover. The inside elements are provided with stainless-steel filter gauze, available in various perforations. The effective filtering area of the screen is 32-47%, depending on applied perforation.

Coating:

In preparation for the coating, the filters are provided with a special layer of zinc phosphate. This treatment ensures proper adhesion of the coating and protects against rusting through from the inside. The polyester coating is subsequently applied electrostatically, both internally and externally, before being furnace-hardened. The whole process involves 7 steps, and results in a perfect coating having a thickness of approx. 100 microns.



Screen filters series 1000

Technical Data

Description:

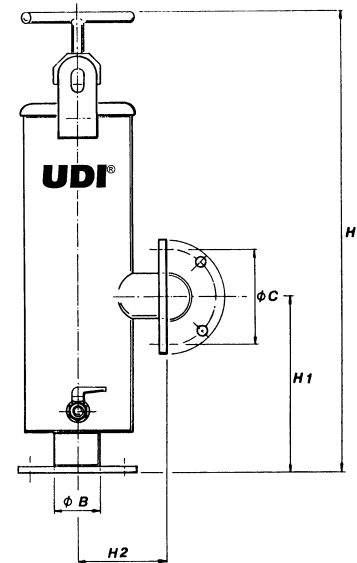
Angle-patterned model, filter screen on the outside of the element

Applications:

- All water intakes
- Cooling-water systems
- Re-circulation systems
- Watertransport systems
- After media filters
- Distribution systems
- Sprinkler systems

Materials:

- Polyester-coated steel
 - Neoprene rubbers
 - PVC element with st.st. filter screen
- Perforation: 75, 100, 130, 200, 300, 435 and 800 microns



Type : Angle-patterned	Unit	4U1015D	4U1020D	4U1020F	4U1030D	4U1030F
Connection B	inch	1,5"	2"	2"-fl	3"	3"-fl
Capacity	m ³ /h	10-15	15-25	15-25	28-38	28-38
Flange (ISO 7005 PN16)						
Bolt circle dia. C	mm	-	-	125	-	160
Bolt holes	mm	-	-	4*Ø18	-	8*Ø18
H	mm	420	470	480	730	730
H1	mm	240	170	250	280	275
H2	mm	100	140	140	125	140
Weight	kg	6	13	16	19	22
Working pressure	bar	8	8	8	8	8
Max. Pressure	bar	10	10	10	10	10



Screen filters series 2000

Technical Data

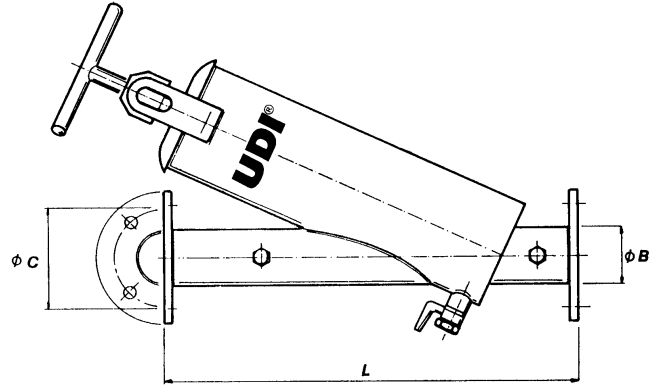


Description:

In-line model, filter screen on outside of the element

Applications:

- All water intakes
- Cooling water systems
- Re-circulation systems
- Watertransport systems
- After media filters
- Distribution systems
- Sprinkler systems



Materials:

- Polyester coated steel
 - Neoprene rubbers
 - PVC inside element with st.st. filter screen
- Perforation: 75, 100, 130, 200, 300, 435 and 800 microns (Other perforation available upon request)

Type : in-line	Unit	4U2020F	4U2030D	4U2030F	4U2040F	4U2260F	4U2280F
Connection B	inch	2"-fl	3"	3"-fl	4"-fl	6"-fl	8"-fl
Capacity	m ³ /h	15-30	30-40	30-40	40-80	80-200	140-300
Flange (ISO 7005 PN16)							
Bolt circle dia. C	mm	125	-	160	180	240	295
Bolt holes	mm	4*Ø18	-	8*Ø18	8*Ø18	8*Ø22	12*Ø22
Length L	mm	470	580	555	690	900	1110
Weight	kg	17	21	25	40	72	91
Working pressure	bar	8	8	8	8	8	8
Max. pressure	bar	10	10	10	10	10	10



UVAR

Subject to changes and/or reprints

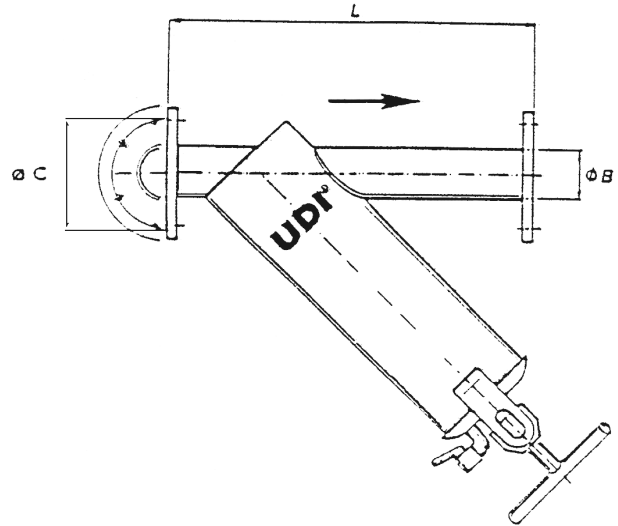
BS-Screen filters series 6000 Technical Data

Description:

In-line model, filter screen on outside of the element

Applications:

- All water intakes
- Cooling water systems
- Re-circulation systems
- Water transport systems
- After media filters
- Distribution systems
- Sprinkler systems



Materials:

- Polyester coated steel
- Neoprene rubbers
- PVC element with st. st. filter screen
Standard: 100, 130, 300, 435 microns
Option: 75, 200, 800 microns

Type : in-line	Unit	4U6030F
Connection B	inch	3"-fl
Capacity	m ³ /h	30-40
Flange (ISO 7005 PN16)		
Bolt circle dia. C	mm	160
Bolt holes	mm	8*Ø18
Length L	mm	555
Weight	kg	25
Working pressure	bar	8
Max. pressure	bar	10