

## ICFH Line of cartridge filter housings



- Heavy duty design.
- Manufactured according to PED 97/23/EC.
- Flanged swing bolt closure.
- Two standard finishes: satin and mirror polish.
- AISI304 and AISI316L construction materials available.
- Various inlet outlet connections available.
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- Custom designs available.

It is designed and manufactured according to EEC directive PED 97/23/EC for group 2 liquids, under category SEP. It can be used for filtration of "non dangerous substances" as understood by this directive and comprises most common process streams. Standard design pressure is 10 bars at T=100°C.

Housings can be manufactured for all industry standard cartridge designs and lengths. Wide choice of housing diameters comprises most needs for industrial applications. Larger than standard housings can be made on request, please inquire.

ICFH can be executed in two basic finishes: industrial: glass beaded (satin) and with mirror polish finish for more demanding applications. Standard construction materials are AISI304 and AISI316L.

ICFH cartridge filter housings represents a line of heavy duty vessels used in various industries and applications:

- chemical,
- petrochemical,
- food and beverages,
- power,
- paint,
- automotive,
- other.

### Standard parametres

$P_{max} = 10 \text{ bar (1 MPa)}$

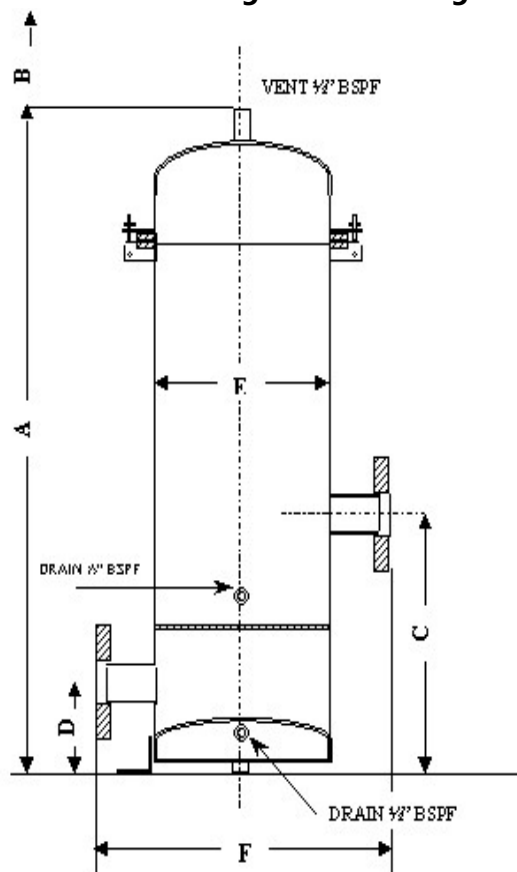
$T_{max} = 60^{\circ}\text{C}$

### Available connections

- threaded
- flanged
- DIN quick couplings
- TC sanitary flange
- butt weld

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## Basic dimensions

Product code	Dimensions[mm]					
	A	B	C	D	E	F
3ICFH20	700	1200	310	170	154	254
3ICFH30	980	1730	310	170	154	254
3ICFH40	1280	2280	310	170	154	254
6ICFH20	700	1200	310	170	219	319
6ICFH30	980	1730	310	170	219	319
6ICFH40	1280	2280	310	170	219	319
9ICFH20	700	1200	310	170	273	373
9ICFH30	980	1730	310	170	273	373
9ICFH40	1280	2280	310	170	273	373
12ICFH20	700	1200	310	170	300	400
12ICFH30	980	1730	310	170	300	400
12ICFH40	1280	2280	310	170	300	400
21ICFH20	700	1200	310	170	400	500
21ICFH30	980	1730	310	170	400	500
21ICFH40	1280	2280	310	170	400	500
29ICFH20	700	1200	310	170	460	560
29ICFH30	980	1730	310	170	460	560
29ICFH40	1280	2280	310	170	460	560

## Ordering information

Q-ty cartridge (diameter 63)	Type	Cartridge length [inch]	Material	Body seal	Finish	Connection size [mm]	Connection type	
3	ICFH	20	AISI 304 = 04	NBR = B	Satin (glass beaded) = S	DN 40	Flange = FL	
6		30	AISI 316 = 06	EPDM = E	Mechanical polish = P	DN 50	Thread= FT	
9		40		Silicone = S	Electropolishing = EP	DN 65	Tri-clamp = TC	
12						DN80		
21 (22)						DN 100		
29						DN 150		
by order of another								