

HOUSING FOR FILTER CARTRIDGES



Description

The SECUROX® is a high quality stainless steel filter housing, designed to accommodate standard filter cartridges available on the market and manufactured for 24/7 heavy duty use.

Applications

- Beer
- Wine
- Juice
- Tea
- Distilled products
- Non-critical solutions
- Raw materials
- ...

Product Details

- Full range from 1 to 60 cartridges, from 5" to 40"
- High chemical resistance
- Small footprint
- Easy CIP cleaning possible
- Adaptable to customer's process requirements
- Available with different sockets and connections
- Corrosion resistance and durability due to 316L/1.4404 stainless steel and automatic welding
- Proprietary closure systems simplify operations
- Customizable with optional accessories
- User-manual and declaration of conformity included

Specifications

Description	Characterization
Materials of construction (wetted parts)	316L/1.4404
No. of cartridges	1, 3, 5, 8, 12, 18, 24, 30, 36, 48, 60
Cartridges height	5", 10", 20", 30", 40"
Socket	226 Code 7, 222 Code 8, Code 28
In/Out connections	Clamp ASME BPE, DIN 11851, Butt Weld, ASME and EN Flanges
Drains and vent	Clamp ASME BPE, DIN 11851
Pressure (PS) min-max	-1 to 10 bar (-14 to 145 psi)
Temperature (TS) min-max	-20 °C to 150 °C (-4 °F to 302 °F)
External surface	Mirror polished
Internal surface	Mechanical polished: Ra<0.8µm (Ra<32µin)
ATEX regulation	Compliant with EU directive
PED 2014/68/EU	Liquid and gas, PED Fluid Group 2
Design code	EN 13445
Housing and gasket materials	Food Contact Compliance EU1935/2004 – FDA – USP VI
Special features	Heating Jacket, Lifting Lugs, Front and Back Elbows, No Legs, Plugs

Dimensions

No Cartridges	Cartridges Height	A	L	C	OD
1	5"	375 (14.76)	269 (10.59)	690 (27.17)	101.6 (4)
1	10"	375 (14.76)	269 (10.59)	790 (31.1)	101.6 (4)
1	20"	375 (14.76)	269 (10.59)	1040 (40.94)	101.6 (4)
1	30"	375 (14.76)	269 (10.59)	1290 (50.79)	101.6 (4)
1	40"	375 (14.76)	269 (10.59)	1540 (60.63)	101.6 (4)
3	10"	345 (13.58)	385 (15.16)	816 (32.13)	168 (6.61)
3	20"	345 (13.58)	385 (15.16)	1065 (41.93)	168 (6.61)
3	30"	345 (13.58)	385 (15.16)	1314 (51.73)	168 (6.61)
3	40"	345 (13.58)	385 (15.16)	1564 (61.57)	168 (6.61)
5	30"	315 (12.4)	445 (17.52)	1325 (52.17)	219 (8.62)
5	40"	315 (12.4)	445 (17.52)	1575 (62.01)	219 (8.62)
8	30"	315 (12.4)	471 (18.54)	1446 (56.93)	273 (10.75)
8	40"	315 (12.4)	471 (18.54)	1596 (62.83)	273 (10.75)
12	30"	326 (12.83)	573 (22.56)	1430 (56.3)	350 (13.78)
12	40"	326 (12.83)	573 (22.56)	1680 (66.14)	350 (13.78)
18	30"	325 (12.8)	509 (20.04)	1450 (57.09)	400 (15.75)
18	40"	325 (12.8)	509 (20.04)	1700 (66.93)	400 (15.75)
24	30"	318 (12.52)	563 (22.17)	1470 (57.87)	450 (17.72)
24	40"	318 (12.52)	563 (22.17)	1720 (67.72)	450 (17.72)
30	30"	292 (11.5)	685 (26.97)	1500 (59.06)	550 (21.65)
30	40"	292 (11.5)	685 (26.97)	1750 (68.9)	550 (21.65)
36	30"	311 (12.24)	790 (31.1)	1500 (59.06)	550 (21.65)
36	40"	311 (12.24)	790 (31.1)	1750 (68.9)	550 (21.65)
48	30"	368 (14.49)	880 (34.65)	1600 (62.99)	650 (25.59)
48	40"	368 (14.49)	880 (34.65)	1850 (72.83)	650 (25.59)
60	30"	368 (14.49)	1000 (39.37)	1700 (66.93)	750 (29.53)
60	40"	368 (14.49)	1000 (39.37)	1950 (76.77)	750 (29.53)

* Dimensions are for standard housings with TC 1.5" connections and drains.

More options available on requests. All dimensions are in mm (inches).



Accessories

VENT TC 1.5" VALVE + CLAMP	VENT TC 1.5" SIGHT GLASS 2 SANITARY VALVE + CLAMP	VENT TC 1.5" SIGHT GLASS 2 BALL VALVE + CLAMP
		
BUTTERFLY VALVE TC + CLAMP	BALL VALVE TC 1.5" + CLAMP	SAMPLING TEST TC 1.5" + CLAMP
		

Other accessories and spare parts available on request

Remarks

The validity of the information cannot be guaranteed for every application. All information is based on current knowledge and does not claim to be complete. No liabilities can be derived from this information. FILTROX reserves the right to make changes in the course of technical improvements.