

P-BE

stainless steel housing for aeration of storage tanks



ultra.air P-BE

■ P-BE filter are used to ensure 100 % sterility in the storage of pharmaceutical products, chemicals, food or of fermenters.

■ The two-part housing is user-friendly designed and has a splash protection to prevent liquids coming in contact with the filter media.

Features and advantages

- 12 different sizes for operating volumes from 3 to 1980 Nm³/h related to 1 bar.
- Complies to the requirements of the European directive 97/23/EG for pressure vessels.
- Different element sizes can be used due to the modular design. Apart from sterile filters, polypropylene or Teflon* membrane filters can be used.

Applications

- Chemical Industry
- Pharmaceutical Industry
- Biotechnology
- Cosmetics Industry
- Breweries
- Dairies
- food and beverages
- Water treatment systems
- Fermentation processes

P-BE stainless steel housing

Materials:

Filter housing	stainless steel 1.4301 (304), optional 1.4571 (316L)
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Surface finish:

Polished on the inside and on the outside.

Connection types

Milkpipe DIN 11851	standard for 0006 – 0192
DIN or ANSI flange	standard, starting from 0432 housing

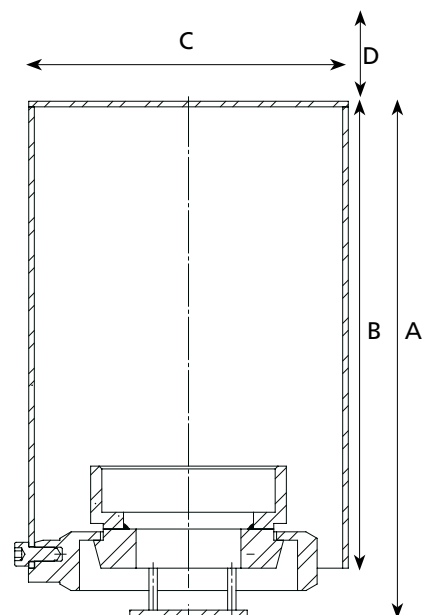
Clamp connection or other connections and bigger housings on request

Maximum operating pressure:

0006 – 0192	16 bar
0288	12 bar
0432 – 1920	10 bar

Maximum operating temperature:

200 °C



Type P-BE	Volume flow in m³/h at		connect.	P-BE filter element		dimensions in mm				weight in kg
	Δp 20 mbar	Δp 40 mbar		size	qty.	A	B	C	D	
0006	4,5	9	DN 32	03/10	1	110	9	85	100	1,5
0027	12	24	DN 40	05/25	1	168	9	104	155	2,2
0032	17	35	DN 50	05/30	1	186	9	114,3	155	2,4
0072	35	70	DN 50	10/30	1	312	9	114,3	280	3,3
0144	70	140	DN 80	20/30	1	550	8	154	580	9,2
0192	105	210	DN 80	30/30	1	805	8	154	850	11,6
0432	210	420	DN 100	20/30	3	670	530	219,1	580	43
0576	315	630	DN 100	30/30	3	925	780	219,1	850	44
0768	420	840	DN 150	30/30	4	950	780	273	850	70
1152	630	1260	DN 150	30/30	6	950	780	323,9	850	80
1536	840	1680	DN 200	30/30	8	960	780	406,4	850	135
1920	1050	2010	DN 200	30/30	10	960	780	406,4	850	135



Kronsbein ultrafilter®

ABOUT US

The ultrafilter group is a privately owned family company. Founded by Dipl. Ing. Dean Kronsbein in Germany, the group now serves the global filtration market with local presence throughout Europe, the Americas, Asia and Australia.

With the help of our products from ultrafilter GmbH in Germany, world renowned, market leading companies have made ultrafilter GmbH their first choice for the Purification of compressed air, technical gases and liquids.

Our passion to manufacture superior and innovative products is the guarantee for cost effective and reliable filtration solutions.



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