

PG-EG

stainless steel housing for gas filtration



ultra.air PG-EG

■ The PG-EG stainless steel housing was developed for purification of compressed air and other technical gases in pharmaceutical, biotechnology or chemical industry.

■ PG-EG housings are first choice in critical applications in sterile filtration.

Features and advantages

- 14 different sizes for operating volumes from 7,5 to 2.700 Nm³/h related to 7 bar.
- Complies to the requirements of the European directive 97/23/EG for pressure vessels.
- Plug connection guarantees that the elements remain safely fixed at all times.
- Different element sizes can be installed due to the modular design.

- Condensate drain and de-aeration are equipped with pharma valves

Applications

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

PG-EG stainless steel housing

Materials:

Filter housing	stainless steel 1.4301 (304) or 1.4404 (316L)
Coupling nut	stainless steel 1.4301 (304)
Plug	stainless steel 1.4301 (304)
Housing gasket	EPDM (other gasket upon request)

Surface finish:

Inner: 0006 – 0288 0432 – 1920	etched and passivated R_a 0,8
Outer: 0006 – 0288 0432 – 1920	etched, passivated and polished R_a 0,8 etched and passivated R_a 0,8

Connection types

Clamp	standard for 0006 – 0192 single housing
DIN flange	standard, starting at 0432 multiple housing
Welded ends Other connections and bigger housings, in request	

Maximum operating temperature:

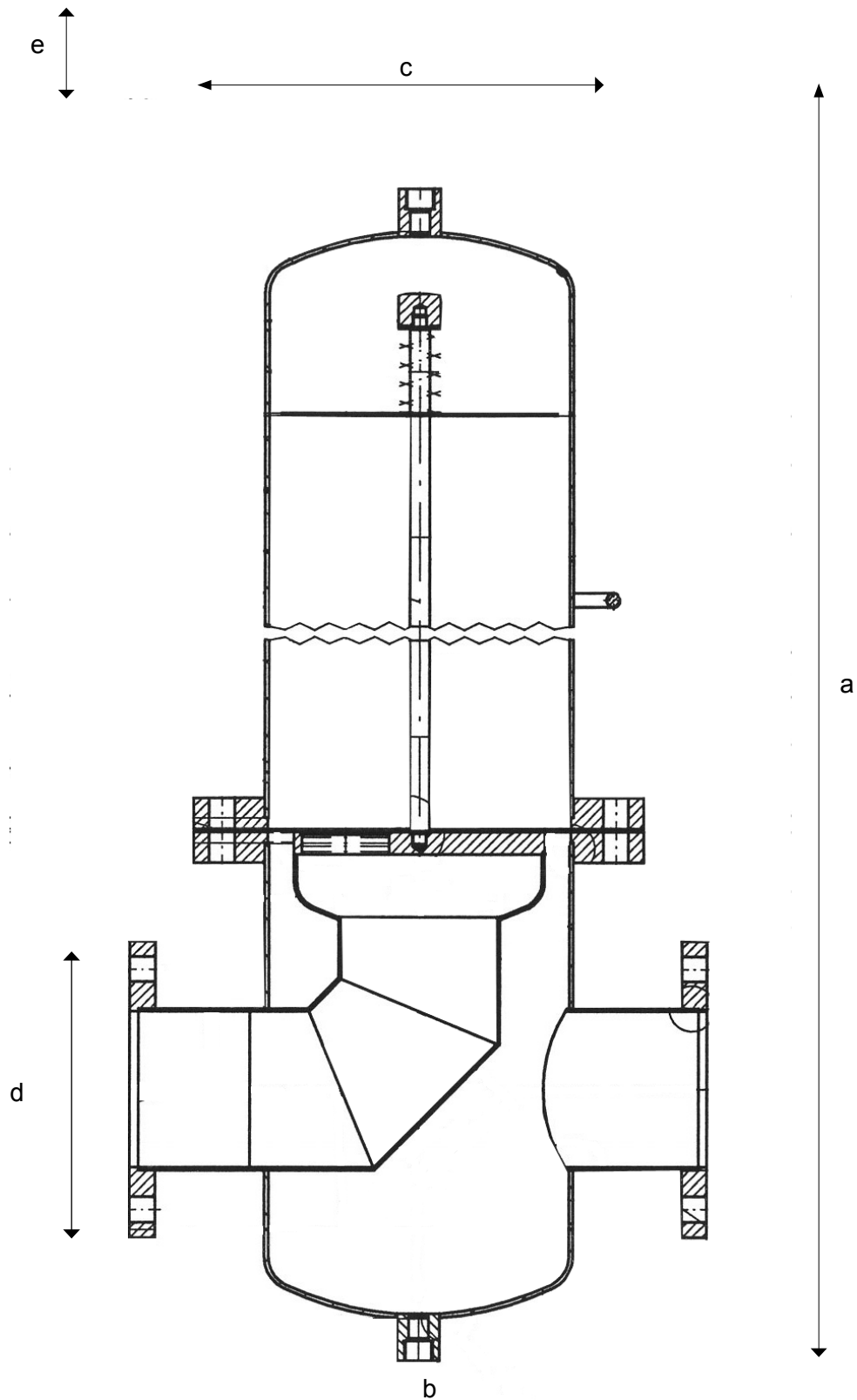
200 °C depend. on gaskets

Maximum operating pressure:

0006 – 0192	16 bar
0432 – 1920	10 bar

Type PG-EG	Volume flow at 1 bar m^3/h	connect.	filter element		dimensions in mm					weight in kg
			size	qty.	A	B	C	D	E	
0006	7,5	DN 10	03/10	1	260	120	70	98	90	1,2
0018	22,5	DN 15	05/20	1	315	120	70	98	150	1,4
0032	45	DN 25	05/30	1	360	160	114,3	136	150	2,8
0048	60	DN 32	07/30	1	410	160	114,3	126	200	3,1
0072	90	DN 40	10/30	1	485	160	114,3	117	280	3,5
0108	135	DN 50	15/30	1	610	160	114,3	125	450	4,0
0144	180	DN 65	20/30	1	820	185	129	150	580	7,0
0192	270	DN 80	30/30	1	1080	185	129	150	850	8,8
0432	540	DN 100	20/30	3	1090	410	219,1	200	580	43
0576	810	DN 100	30/30	3	1350	410	219,1	200	850	44
0768	1080	DN 150	30/30	4	1410	480	273	240	850	70
1152	1620	DN 150	30/30	6	1460	540	323,9	250	850	80
1536	2160	DN 200	30/30	8	1600	660	406,4	300	850	135
1920	2700	DN 200	30/30	10	1600	660	406,4	300	850	135

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Technical Alternations reserved.


ULTRAFILTER
THE FILTRATION MANUFACTURER

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