



NOVOX® OD

NOVOX® OD / NOVOX® ODP / NOVOX® ODE

Stainless steel plate & frame filter system manufactured for heavy duty use 24/7

The NOVOX® OD is a high precision stainless steel plate & frame filter designed and built for industrial applications. Unique design of the NOVOX® OD allows efficient handling without the need for gaskets in the filter stack – inlet/outlet tubes are formed within the stack itself, sealed by the filter sheets. This feature promotes ease-of-use benefits for the operator by eliminating the need for gasket removal or replacement. High precision construction of the plate & frame assembly, and the hydraulic closing mechanism, combined with high-performance FILTROX filter sheets, contribute to significantly reduced drip-loss.

Applications

- Cosmetic
- Pharma
- Industrial

- Herbal extracts
- Non-critical solutions
- Raw materials
- ...

Features

- Efficient handling
- Manufactured for heavy duty use 24/7
- Precise construction
- Manufactured in Switzerland
- Long lifetime
- Variable operation possibilities (alluvial filtration, sheet filtration, two steps in one with diversion chamber or plate)
- Minimized drip-loss
- Custom made production is possible

Technical data

	NOVOX® 200 OD	NOVOX® 400 OD	NOVOX® 400 ODP or ODE	NOVOX® 600 ODP or ODE	NOVOX® 800 ODP or ODE
Drawing #	45.0520.0001	45.0220.5002	45.0620.5003	45.0310.5002	
Filter area per sheet [m ²]	0.0316	0.14	0.14	0.33	0.582
Max. filter area per filter Version sheet filtration [m ²]	1.26	18.48	18.48	66.66	229.3
Max. filter area per filter Version cake filtration [m ²]	8 mm: 1.26 25 mm: 0.76	10 mm: 13.72 25 mm: 10.64 40 mm: 7.84	10 mm: 17.08 25 mm: 10.92 40 mm: 7.84	25 mm: 38.94 40 mm: 28.38	40 mm: 102.8
Max. cake frame volume [L]	8 mm: 5.0 25 mm: 9.48	10 mm: 68.6 25 mm: 133.0 40 mm: 156.8	10 mm: 85.4 25 mm: 136.5 40 mm: 156.8	25 mm: 486 40 mm: 567	40 mm: 2055
Max. usable cake volume [L]	8 mm: 2.5 25 mm: 7.5	10 mm: 41.2 25 mm: 111.7 40 mm: 141.1	10 mm: 51.2 25 mm: 114.7 40 mm: 141.1	25 mm: 409 40 mm: 510	40 mm: 1850
Max. operating pressure	8 bar	8 bar	8 bar	8 bar	6 bar
Max. operating temperature	135 °C	135 °C	135 °C	135 °C	135 °C
Connections (head and end plate)	DN 15	DN 40	DN 40	DN 50	DN 80

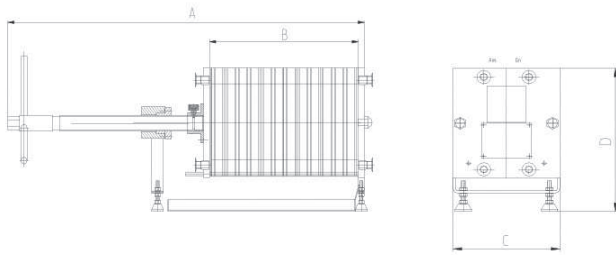
Filter configurations

	NOVOX® 200 OD	NOVOX® 400 OD	NOVOX® 400 ODP or ODE	NOVOX® 600 ODP or ODE	NOVOX® 800 ODP or ODE
Material filter plates	Stainless steel (316L)	Stainless steel (316L)	Stainless steel (316L)	Stainless steel (316L)	Stainless steel (316L)
Material cake frames	Stainless steel (316L)	Stainless steel (316L)	Stainless steel (316L)	Stainless steel (316L)	Stainless steel (316L)
Thickness filter plates	8 mm	8 mm	8 mm	8 mm	8 mm
Thickness cake frames	8 mm 25 mm	10 mm 25 mm 40 mm	10 mm 25 mm 40 mm	25 mm 40 mm	40 mm
Standard connections	Triclamp (TC)	Triclamp (TC)	Triclamp (TC)	Triclamp (TC)	Triclamp (TC)
Connections (specials on request)	DIN 11851	DIN 11851 Dairy Flange	DIN 11851 Dairy Flange	DIN 11851 Dairy Flange	DIN 11851 Dairy Flange
Material without product contact*	Stainless steel (304)	Stainless steel (304)	Stainless steel (304)	Stainless steel (304)	Stainless steel (304)
Movable	On request	Yes	Yes	On request	No
Diversion chamber	No	Yes	Yes	Yes	Yes
Diversion plate	No	Yes	Yes	Yes	Yes
Closing mechanism	Hand hydraulic	Hand hydraulic	Electro hydraulic Pneumatic hydraulic	Electro hydraulic Pneumatic hydraulic	Electro hydraulic Pneumatic hydraulic

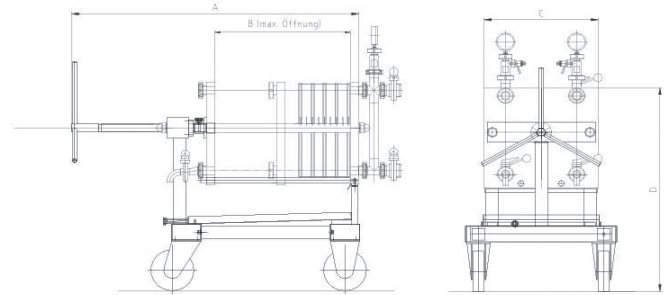
* except hydraulic components, slide barring, caster, and small parts

Dimensions

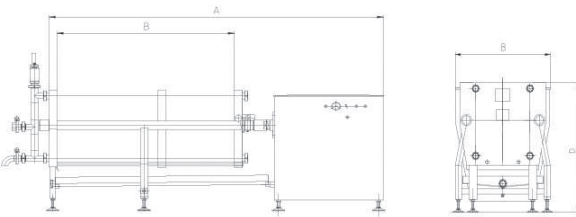
NOVOX® 200 OD



NOVOX® 400 OD



NOVOX® 400, 600, 800 ODP or ODE



Dimensions [mm]	NOVOX® 200 OD	NOVOX® 400 OD	NOVOX® 400 ODP or ODE	NOVOX® 600 ODP or ODE	NOVOX® 800 ODP or ODE
A					
Size 0.5					4842
Size 1	1220	1338	1569	2640	5252
Size 2		2130	2100	3530	5952
Size 3		2642	2753	4060	6672
Size 4					7402
Size 5					8252
B					
Size 0.5					2042
Size 1	565	630	636	1397	2452
Size 2		1162	1168	2087	3152
Size 3		1674	1680	2617	3872
Size 4					4602
Size 5					5452
C	260	540	540	910	1116
D	370	1014	1157	1147	1426