

NOVOX® ODP / NOVOX® ODE

Gasket-free stainless steel plate & frame filter

Description

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 easy-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. We provide three different types:

OD = manual pump (only for NOVOX® 200 OD)
 ODP = pneumatic hydraulic
 ODE = electric hydraulic

Application

- Cosmetics
- Pharma
- Industrial
- Natural extracts
- Non-critical solutions
- Raw materials
- ...

Technical data

	NOVOX® 200 OD	NOVOX® 400 ODP or ODE	NOVOX® 600 ODP or ODE
Filter area per sheet [m²]	0.032	0.14	0.33
Usable cake volume per cake frame [L]	0.13 (8 mm) 0.67 (25 mm) 1.15 (40 mm)	0.56 (8 mm) 2.94 (25 mm) 5.04 (40 mm)	1.32 (8 mm) 6.93 (25 mm) 11.88 (40 mm)
Max. filter area per filter Version sheet filtration [m²]	1.22	18.48	67.32
Max. filter area per filter Version cake filtration [m²]	1.22 (8 mm) 0.70 (25 mm) 0.51 (40 mm)	18.48 (8 mm) 10.92 (25 mm) 7.84 (40 mm)	67.32 (8 mm) 38.94 (25 mm) 28.38 (40 mm)
Max. usable cake volume [L]	2.4 (8 mm) 7.4 (25 mm) 9.2 (40 mm)	37.0 (8 mm) 114.7 (25 mm) 141.4 (40 mm)	134.6 (8 mm) 408.9 (25 mm) 510.8 (40 mm)
Max. operating pressure	8 bar	6 bar	6 bar
Max. operating temperature	135 °C	135 °C	135 °C
Connections	DN 15 Triclamp (DIN 32676-A)	DN 40 Triclamp (DIN 32676-A)	DN 50 Triclamp (DIN 32676-A)

Filter configuration

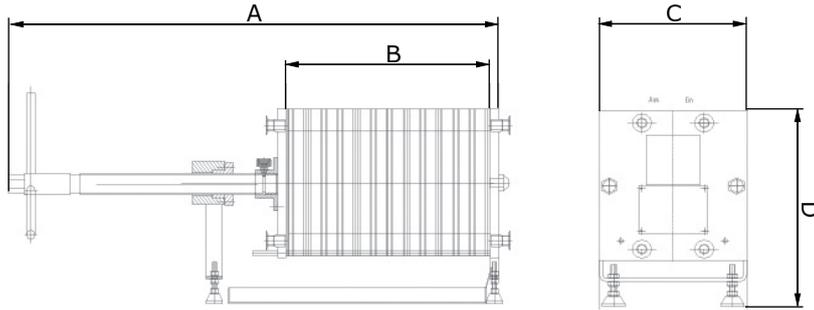
	NOVOX® 200 OD	NOVOX® 400 ODP or ODE	NOVOX® 600 ODP or ODE
Material filter plates and cake frames	Stainless steel (316L)	Stainless steel (316L)	Stainless steel (316L)
Thickness filter plates	8 mm	8 mm	8 mm
Thickness cake frames	8 mm 25 mm 40 mm	8 mm 25 mm 40 mm	8mm 25 mm 40 mm
Material without product contact*	Stainless steel (304)	Stainless steel (304)	Stainless steel (304)
Movable	No (on request)	Yes	No (on request)
Diversion plate	Yes	Yes	Yes
Closing mechanism	Manual Hand hydraulic	Electric hydraulic Pneu. hydraulic	Electric hydraulic Pneu. hydraulic

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

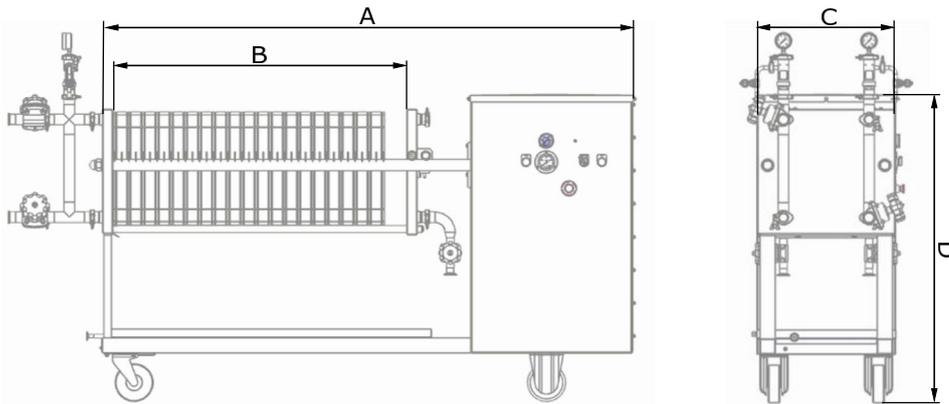
Dimensions [mm]

	NOVOX® 200 OD	NOVOX® 400 ODP or ODE	NOVOX® 600 ODP or ODE
A Size 1	1225	1569	2840
Size 2		2100	3530
Size 3		2753	4060
B Size 1	515	636	1397
Size 2		1168	2087
Size 3		1680	2617
C	260	540	910
D	370	1225 (movable)	1150

NOVOX® 200 OD



NOVOX® 400 ODP or ODE



NOVOX® 600 ODP or ODE

