

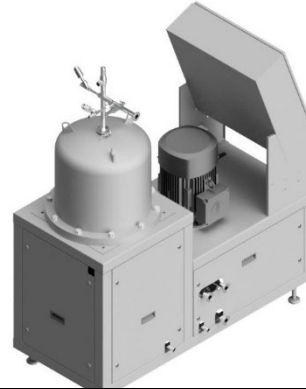


**FILTER TECHNOLOGY**

BY NOVOFLOW

# DATA SHEET

## NDCF 1



filtration system NDCF 1	
description	technical data
filter area (max.)	1 m <sup>2</sup>
filter discs Ø	312 mm   374 mm
pore sizes	5 nm - 1100 nm
number of filter discs	8   5
inlet connection	33,7 mm clamp DIN 32676 series B* (adapter possible)
filtrate connection	21,3 mm clamp DIN 32676 series B* (adapter possible)
overflow connection	33,7 mm clamp DIN 32676 series B* (adapter possible)
volume	ca. 45 l
operating pressure	0 - 6 bar *
pressure backwash	0 - 2,5 bar
temperature	5 - 60 °C **
pH range microfiltration / MF mod. ***	0 - 12 pH (max. 40 °C)   0 - 13 pH (max. 50 °C)
pH-range ultrafiltration / UF mod. ***	1 - 12 pH (max. 40 °C)   1 - 13 pH (max. 40 °C)
speed	100 - 450 U / min
connection voltage	400 V / 50 Hz 16 A
control air	6 bar dry and clean
power	5000 Watt
control system	Siemens S7
dimensions	1500 x 600 x 1500 mm
weight	ca. 590 kg
media connection	tool-free connection thanks to clamp connection
pipeline	stainless steel media lines
valves	angle seat valve EPDM / stainless steel
housing	1.4301 stainless steel (other materials on request)
pump	powerful progressive cavity pump*
noise level	ca. 70 dB (A)

\* variants / special designs possible to a limited extent

\*\* recommended temperature range, depending on membrane type, operating time, pH value, etc.

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Information on membrane resistance is without guarantee. novoflow assumes no liability. novoflow reserves the right to make technical changes.



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