



## FILTER TECHNOLOGY

BY NOVOFLOW

# DATA SHEET

## NDCF 10



filtration system NDCF 10	
description	technical data
filter area (max.)	10 m <sup>2</sup>
filter discs Ø	312 mm   374 mm
pore sizes	5 nm - 1100 nm
number of filter discs	80   54
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. 60 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	7500 Watt
control system	Siemens S7
dimensions	2300 x 1000 x 2250 mm
weight	ca. 950 kg (enclosure weight 150 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.

