



## FILTER TECHNOLOGY

BY NOVOFLOW

# DATA SHEET

NDCF 1  
NDCF 2  
NDCF 3



filtration system model	NDCF 1	NDCF 2	NDCF 3
<b>description</b>	<b>technical data</b>		
filter area (max.)	1 m <sup>2</sup>	2 m <sup>2</sup>	3 m <sup>2</sup>
filter discs Ø	374 mm	312 mm	374 mm
pore sizes	on request (5 nm – 1100 nm)		
number of filter discs	8	16	16
connections (inlet, drainage)	33,7 mm clamp DIN 32676 series B* (adapter possible)		
connection (overflow / retentate)	21,3 mm clamp DIN 32676 series B* (adapter possible)		
connections (filtrate / permeate and backwash)	33,7 mm clamp DIN 32676 series B* (adapter possible)		
volume	ca. 45 l	ca. 60 l	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	5000 Watt		
control system	Siemens S7		
dimensions	1500 x 600 x 1500 mm		
weight	ca. 590 kg	ca. 615 kg	ca. 630 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.

