



FILTER TECHNOLOGY

BY NOVOFLOW

DATA SHEET

CRD01

CRD02

CRD05



filtration system model	CRD01	CRD02	CRD05
description	technical data		
filter area (max.)	0,1 m ²	0,2 m ²	0,5 m ²
filter discs Ø	152 mm ceramic		
pore sizes	on request (5 nm – 1100 nm)		
number of filter discs	3	6	15
connections (inlet, drainage)	17,2 clamp DIN 32676 series B		
connection (overflow / retentate)	13,5 clamp DIN 32676 series B		
connections (filtrate / permeate and backwash)	13,5 clamp DIN 32676 series B		
volume	ca. 4,2 l	ca. 4 l	ca. 6 l
operating pressure	0 - 4 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 - 1250 U/min		
pump type	air-operated diaphragm pump		
pump capacity	5 - 17 l / min		
connection voltage	23 V / 50 Hz		
power	750 Watt	750 Watt	1500 Watt
control unit	Siemens logo		
dimensions	650 x 280 x 700 mm	650 x 280 x 700 mm	650 x 280 x 850 mm
weight	71 kg	72 kg	78 kg
enclosure dimensions	450 x 230 x 300 mm		
weight	13,6 kg		

* variants / special designs possible to a limited extent

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

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

Information on membrane resistance is without guarantee. novoflow assumes no liability.

