



MANN+HUMMEL Contact

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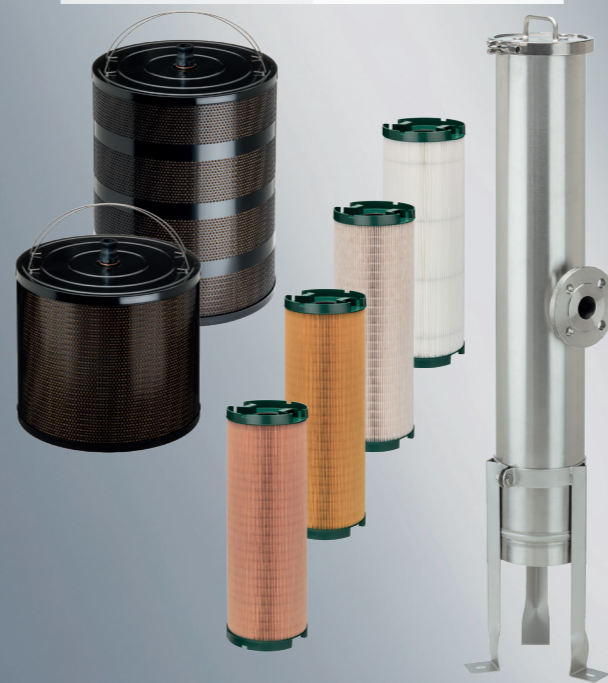


MANN+HUMMEL Group

MANN+HUMMEL is a leading global company in filtration technology. Under its two business units Transportation and Life Sciences & Environment, the Ludwigsburg-based Group develops intelligent solutions that enable cleaner mobility, cleaner air and cleaner water. Thus, the company makes an important contribution to a clean earth and the sustainable use of limited resources. In 2020, over 21,000 employees at more than 80 locations generated a turnover of EUR 3.8 billion.

Further information about MANN+HUMMEL is available on our website.

MANN+HUMMEL
ProFluid+
Best-in-class solution
for process filtration



ProFluid+ Performance details

- Modular scalable liquid filter system for different processes
- Best-in-class filtration through pleated filter media
- Small footprint / retrofit possible
- Filter area up to 25 m² per element
- Different fine filter media based on application
- Perfect filtration from beginning dependent on type of process, liquid and dust load
- Filter elements appropriate for backflushing available
- Clean & easy service
- Longer service life
- Cost efficient
- Engineered in Germany

ProFluid+

PF 15 types

- ✓ Flow direction outside to inside
- ✓ Inline filter for pressure system up to 7 bar
- ✓ PTFE media - perfect for backflushing
- ✓ Pressure housing for two filter elements available
- ✓ Flow rate max. 100 l/min per filter element - optimum flow rate 25 l/min per filter element



Technical Information of the housing PF 15 001 - Part number 1410942S01

Material of housing: stainless steel 1.4301/1.4404
 Operating pressure: 7 bar (at 80°C)
 Flange DN50 DIN 2633
 Pressure sensor connector ¼"IG
 Venting connector ¼"IG
 Drain screw bottom side ½"IG

ProFluid+ Typ	Product name & part number	Media	Efficiency ISO 19438/4548-12	Service life	Filtration area	Dimensions ID/OD/L
ProFluid+ B	PF 15 0392/25 1403972S01	Cellulose	5µm = 50 % (18µm = 99%)	100 %	3,3m ²	Ø 35 /Ø 150/410 mm
ProFluid+ C	PF 15 0490/25 1309827S01	Cellulose	4µm = 50 % (15µm = 99%)	120 %	4,7m ²	Ø 35 /Ø 150/410 mm
ProFluid+ M	PF 15 0390/25 1309987S01	Mixed fiber	2µm = 50 % (7µm = 99%)	170 %	3,3m ²	Ø 35 /Ø 150/410 mm
ProFluid+ T	PF 15 0391/25 1310013S01	PTFE membrane	1µm = 50 % (3µm = 99%)	100%*	3,3m ²	Ø 35 /Ø 150/410 mm

* Backflushing recommended

ProFluid+

PF 34 types

- ✓ Flow direction inside to outside
- ✓ Stand-alone solution - no housing needed
- ✓ Quick connection with Camlock®-adapter
- ✓ Two filter heights available per type
- ✓ Up to 25 m² filter area per element
- ✓ Clean and easy filter exchange with covered dirt
- ✓ Cost efficient alternative to precoat filters
- ✓ Flow rate max. 150 l/min per filter element - optimum flow rate 35 l/min per filter element



ProFluid+ Typ	Product name & part number	Media	Efficiency ISO 19438/4548-12	Service life	Filtration area	Dimensions ID/OD/L
ProFluid+ B	PF 34 1380/14 1318958S01 PF 34 2280/14 long life 1410268S01	Cellulose	5µm = 50 % (18µm = 99%)	100 %	14 m ² 22m ²	Camlock/Ø 340/300 mm Camlock/Ø 340/450 mm
ProFluid+ C on demand	PF 34 1381/14 PF 34 2281/14 long life	Cellulose	4µm = 50 % (15µm = 99%)	120 %	15 m ² 25 m ²	Camlock/Ø 340/300 mm Camlock/Ø 340/450 mm
ProFluid+ M on demand	PF 34 1382/14 PF 34 2282/14 long life	Mixed fiber	2µm = 50 % (7µm = 99%)	140 %	14 m ² 22 m ²	Camlock/Ø 340/300 mm Camlock/Ø 340/450 mm
ProFluid+ S	PF 34 1480/14 1436953S51 PF 34 2380/14 long life 1436954S51	Synthetic	1µm = 50 % (3µm = 99%)	150 %	15 m ² 23 m ²	Camlock/Ø 340/300 mm Camlock/Ø 340/450 mm