Alternative Program

Product catalogue 2017

ULTRAFILTER
THE FILTRATION MANUFACTURER

Kronsbein ultrafilter ®

ultra.air GROUP ®

ultra.air ultrafilter

Version - 01.11.2018-4

DRUCKLUFTQUALITÄTSKLASSEN GEMÄSS ISO 8573-1

KLASSE	PARTIKEL Max. Anzahl von Partikeln pro m³ In Abhängigkeit der Partikelgröße, d[2]			FEUCHTIGKEIT Drucktaupunkt		ÖL Konzentration an Öl[2] (Flüssiges Öl, Aerosole, Dämpfe)	
	0,1 µm < d ≤ 0,5 µm	0,5 µm < d ≤ 1,0 µm	1,0 µm < d ≤ 5,0 µm	°C	°F	mg/m³	ppm/w/w
0	Spezifiziert durch den Anwender oder Lieferanten und besser als Klasse 1						
1	≤ 20.000	≤ 400	≤ 10	≤ -70	-94	≤ 0,01	≤ 0,008
2	≤ 400.000	≤ 6.000	≤ 100	≤ -40	-40	≤ 0,1	≤ 0,08
3	Nicht spezifiziert	≤ 90.000	≤ 1.000	≤ -20	-4	≤ 1	≤ 0,8
4	Nicht spezifiziert	Nicht spezifiziert	≤ 10.000	≤ +3	38	≤ 5	≤ 4
5	Nicht spezifiziert	Nicht spezifiziert	≤ 100.000	≤ +7	45	Nicht spezifiziert	Nicht spezifiziert
6				≤ ±10	50		

	Massenkonzentration[2]-C_p	Anteil an Flüssigwasser[2] - C_w		
	mg/m³	g/m³		
6	$0 < C_p \leq 5$		Nicht spezifiziert	Nicht spezifiziert
7	$5 < C_p \leq 10$	$C_w \leq 0,5$	Nicht spezifiziert	Nicht spezifiziert
8	Nicht spezifiziert	$0,5 \leq C_w \leq 5$	Nicht spezifiziert	Nicht spezifiziert
9	Nicht spezifiziert		Nicht spezifiziert	Nicht spezifiziert
X	$C_p > 10$		> 5	> 4

[1] Um eine Qualitätsklasse zu definieren, muss jede Größenordnung und Partikelzahl innerhalb einer Klasse erfüllt werden.
[2] Referenzbedingungen: Lufttemperatur: 20 °C, absoluter Druck von 100 kPa (1 bar), 0 relativer Wasserdampfdruck.

ISO 9001:2008

Bureau Veritas bestätigt, dass das Managementsystem der ultrafilter GmbH in Hilden, Deutschland auditiert wurde und den Anforderungen des Qualitäts-Management-System entspricht.

CE-PED-H

Bureau Veritas S.A bestätigt im Rahmen der Zertifizierung (Nr. der benannten Stelle: 0062), dass das QM-System der ultrafilter GmbH in Hilden, Deutschland für Design, Herstellung, finale Inspektion und testen der Druckgeräte den Bestimmungen des Anhang III, Modul H und der Druckgeräterichtlinie PED 2014/68/EU entspricht.

IUTA

Es wird bestätigt, dass die Filterelemente der ultrafilter GmbH in Hilden, Deutschland vom Institut für Energie- und Umwelttechnik e.V. (IUTA Deutschland) in Duisburg/ Essen gemäss den Bedingungen nach ISO 8573-1 getestet wurden und den Druckluftqualitätsklassen unter Normbedingungen entsprechen.

ULTRAFILTER
THE FILTRATION MANUFACTURER

Kronsbein ultrafilter ®

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ultra.air ultrafilter

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ABAC Alternative Filter Elements

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ABAC Plastic end caps	MBP	MBM	MBS	MBA
				
Particle retention	**3 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	2	2	1*
Oils -q. class (ISO 8573-1)	-	2	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	50	80	60

MBP		MBM		MBS		MBA	
ABAC	**ultrafilter**	**ABAC**	**ultrafilter**	**ABAC**	**ultrafilter**	**ABAC**	**ultrafilter**
MBP 60	VF 60 MBP	**MBM 60**	MF 60 MBM	**MBS 60**	SMF 60 MBS	**MBA 60**	AK 60 MBA
MBP 80	VF 80 MBP	**MBM 80**	MF 80 MBM	**MBS 80**	SMF 80 MBS	**MBA 80**	AK 80 MBA
MBP 120	VF 120 MBP	**MBM 120**	MF 120 MBM	**MBS 120**	SMF 120 MBS	**MBA 120**	AK 120 MBA
MBP 200	VF 200 MBP	**MBM 200**	MF 200 MBM	**MBS 200**	SMF 200 MBS	**MBA 200**	AK 200 MBA
MBP 340	VF 340 MBP	**MBM 340**	MF 340 MBM	**MBS 340**	SMF 340 MBS	**MBA 340**	AK 340 MBA
MBP 510	VF 510 MBP	**MBM 510**	MF 510 MBM	**MBS 510**	SMF 510 MBS	**MBA 510**	AK 510 MBA
MBP 800	VF 800 MBP	**MBM 800**	MF 800 MBM	**MBS 800**	SMF 800 MBS	**MBA 800**	AK 800 MBA
MBP 1000	VF 1000 MBP	**MBM 1000**	MF 1000 MBM	**MBS 1000**	SMF 1000 MBS	**MBA 1000**	AK 1000 MBA
MBP 1500	VF 1500 MBP	**MBM 1500**	MF 1500 MBM	**MBS 1500**	SMF 1500 MBS	**MBA 1500**	AK 1500 MBA
MBP 2400	VF 2400 MBP	**MBM 2400**	MF 2400 MBM	**MBS 2400**	SMF 2400 MBS	**MBA 2400**	AK 2400 MBA

* Valid if "SMF" filter cartridge is installed upstream.

AGRE Alternative Filter Elements

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	MBP	MBM	MBS	MBA
AGRE **Plastic end caps**				
Particle retention	**3 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	2	2	1*
Oils -q. class (ISO 8573-1)	-	2	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	50	80	60

MBP		MBM		MBS		MBA	
AGRE	ultrafilter	**AGRE**	ultrafilter	**AGRE**	ultrafilter	**AGRE**	ultrafilter
MBP 60	VF 60 MBP	**MBM 60**	MF 60 MBM	**MBS 60**	SMF 60 MBS	**MBA 60**	AK 60 MBA
MBP 80	VF 80 MBP	**MBM 80**	MF 80 MBM	**MBS 80**	SMF 80 MBS	**MBA 80**	AK 80 MBA
MBP 120	VF 120 MBP	**MBM 120**	MF 120 MBM	**MBS 120**	SMF 120 MBS	**MBA 120**	AK 120 MBA
MBP 200	VF 200 MBP	**MBM 200**	MF 200 MBM	**MBS 200**	SMF 200 MBS	**MBA 200**	AK 200 MBA
MBP 340	VF 340 MBP	**MBM 340**	MF 340 MBM	**MBS 340**	SMF 340 MBS	**MBA 340**	AK 340 MBA
MBP 510	VF 510 MBP	**MBM 510**	MF 510 MBM	**MBS 510**	SMF 510 MBS	**MBA 510**	AK 510 MBA
MBP 800	VF 800 MBP	**MBM 800**	MF 800 MBM	**MBS 800**	SMF 800 MBS	**MBA 800**	AK 800 MBA
MBP 1000	VF 1000 MBP	**MBM 1000**	MF 1000 MBM	**MBS 1000**	SMF 1000 MBS	**MBA 1000**	AK 1000 MBA
MBP 1500	VF 1500 MBP	**MBM 1500**	MF 1500 MBM	**MBS 1500**	SMF 1500 MBS	**MBA 1500**	AK 1500 MBA
MBP 2400	VF 2400 MBP	**MBM 2400**	MF 2400 MBM	**MBS 2400**	SMF 2400 MBS	**MBA 2400**	AK 2400 MBA

* Valid if "SMF" filter cartridge is installed upstream.

AIRFILTER ENGINEERING Alternative Filter Elements

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AIRFILTER ENGINEERING Plastic end caps	P	U	H	S	C
					
Particle retention	**3 µm**	**1 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	3	2	2	1*
Oils -q. class (ISO 8573-1)	-	-	2	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres			activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	20	50	80	60

P		U		H		S		C	
AIRFILTER ENGINEERING	ultrafilter	AIRFILTER ENGINEERING	ultrafilter	AIRFILTER ENGINEERING	ultrafilter	AIRFILTER ENGINEERING	ultrafilter	AIRFILTER ENGINEERING	ultrafilter
EA10 P	VF 10 P	**EA10 U**	FF 10 U	**EA10 H**	MF 10 H	**EA10 S**	SMF 10 S	**EA10 C**	AK 10 C
EA15 P	VF 15 P	**EA15 U**	FF 15 U	**EA15 H**	MF 15 H	**EA15 S**	SMF 15 S	**EA15 C**	AK 15 C
EA20 P	VF 20 P	**EA20 U**	FF 20 U	**EA20 H**	MF 20 H	**EA20 S**	SMF 20 S	**EA20 C**	AK 20 C
EA30 P	VF 30 P	**EA30 U**	FF 30 U	**EA30 H**	MF 30 H	**EA30 S**	SMF 30 S	**EA30 C**	AK 30 C
EA55 P	VF 55 P	**EA55 U**	FF 55 U	**EA55 H**	MF 55 H	**EA55 S**	SMF 55 S	**EA55 C**	AK 55 C
EA95 P	VF 95 P	**EA95 U**	FF 95 U	**EA95 H**	MF 95 H	**EA95 S**	SMF 95 S	**EA95 C**	AK 95 C
EA150 P	VF 150 P	**EA150 U**	FF 150 U	**EA150 H**	MF 150 H	**EA150 S**	SMF 150 S	**EA150 C**	AK 150 C
EA220 P	VF 220 P	**EA220 U**	FF 220 U	**EA220 H**	MF 220 H	**EA220 S**	SMF 220 S	**EA220 C**	AK 220 C
EA290 P	VF 290 P	**EA290 U**	FF 290 U	**EA290 H**	MF 290 H	**EA290 S**	SMF 290 S	**EA290 C**	AK 290 C
EA430 P	VF 430 P	**EA430 U**	FF 430 U	**EA430 H**	MF 430 H	**EA430 S**	SMF 430 S	**EA430 C**	AK 430 C
EA625 P	VF 625 P	**EA625 U**	FF 625 U	**EA625 H**	MF 625 H	**EA625 S**	SMF 625 S	**EA625 C**	AK 625 C
EA775 P	VF 775 P	**EA775 U**	FF 775 U	**EA775 H**	MF 775 H	**EA775 S**	SMF 775 S	**EA775 C**	AK 775 C

* Valid if "SMF" filter cartridge is installed upstream.

AIRFILTER ENGINEERING

Alternative Filter Elements

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AIRFILTER ENGINEERING Aluminium end caps	P	U	H	S	C
					
Particle retention	**3 µm**	**1 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	3	2	2	1*
Oils -q. class (ISO 8573-1)	-	-	2	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres			activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	20	50	80	60

P		U		H		S		C	
AIRFILTER ENGINEERING	ultrafilter	AIRFILTER ENGINEERING	ultrafilter	AIRFILTER ENGINEERING	ultrafilter	AIRFILTER ENGINEERING	ultrafilter	AIRFILTER ENGINEERING	ultrafilter
EA10 P	VF 10 P AL	**EA10 U**	FF 10 U AL	**EA10 H**	MF 10 H AL	**EA10 S**	SMF 10 S AL	**EA10 C**	AK 10 C AL
EA15 P	VF 15 P AL	**EA15 U**	FF 15 U AL	**EA15 H**	MF 15 H AL	**EA15 S**	SMF 15 S AL	**EA15 C**	AK 15 C AL
EA20 P	VF 20 P AL	**EA20 U**	FF 20 U AL	**EA20 H**	MF 20 H AL	**EA20 S**	SMF 20 S AL	**EA20 C**	AK 20 C AL
EA30 P	VF 30 P AL	**EA30 U**	FF 30 U AL	**EA30 H**	MF 30 H AL	**EA30 S**	SMF 30 S AL	**EA30 C**	AK 30 C AL
EA55 P	VF 55 P AL	**EA55 U**	FF 55 U AL	**EA55 H**	MF 55 H AL	**EA55 S**	SMF 55 S AL	**EA55 C**	AK 55 C AL
EA95 P	VF 95 P AL	**EA95 U**	FF 95 U AL	**EA95 H**	MF 95 H AL	**EA95 S**	SMF 95 S AL	**EA95 C**	AK 95 C AL
EA150 P	VF 150 P AL	**EA150 U**	FF 150 U AL	**EA150 H**	MF 150 H AL	**EA150 S**	SMF 150 S AL	**EA150 C**	AK 150 C AL
EA220 P	VF 220 P AL	**EA220 U**	FF 220 U AL	**EA220 H**	MF 220 H AL	**EA220 S**	SMF 220 S AL	**EA220 C**	AK 220 C AL
EA290 P	VF 290 P AL	**EA290 U**	FF 290 U AL	**EA290 H**	MF 290 H AL	**EA290 S**	SMF 290 S AL	**EA290 C**	AK 290 C AL
EA430 P	VF 430 P AL	**EA430 U**	FF 430 U AL	**EA430 H**	MF 430 H AL	**EA430 S**	SMF 430 S AL	**EA430 C**	AK 430 C AL
EA625 P	VF 625 P AL	**EA625 U**	FF 625 U AL	**EA625 H**	MF 625 H AL	**EA625 S**	SMF 625 S AL	**EA625 C**	AK 625 C AL
EA775 P	VF 775 P AL	**EA775 U**	FF 775 U AL	**EA775 H**	MF 775 H AL	**EA775 S**	SMF 775 S AL	**EA775 C**	AK 775 C AL

* Valid if ''SMF'' filter cartridge is installed upstream.

ALMIG

Alternative Filter Elements

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ALMIG Plastic end caps	AFP	AFM	AFS	AFC
				
Particle retention	**3 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	2	2	1*
Oils -q. class (ISO 8573-1)	-	2	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	50	80	60

AFP		AFM		AFS		AFC	
ALMIG	**ultrafilter**	**ALMIG**	**ultrafilter**	**ALMIG**	**ultrafilter**	**ALMIG**	**ultrafilter**
AFP 30	VF 30 AFP	**AFM 30**	MF 30 AFM	**AFS 30**	SMF 30 AFS	**AFC 30**	AK 30 AFC
AFP 60	VF 60 AFP	**AFM 60**	MF 60 AFM	**AFS 60**	SMF 60 AFS	**AFC 60**	AK 60 AFC
AFP 108	VF 108 AFP	**AFM 108**	MF 108 AFM	**AFS 108**	SMF 108 AFS	**AFC 108**	AK 108 AFC
AFP 180	VF 180 AFP	**AFM 180**	MF 180 AFM	**AFS 180**	SMF 180 AFS	**AFC 180**	AK 180 AFC
AFP 204	VF 204 AFP	**AFM 204**	MF 204 AFM	**AFS 204**	SMF 204 AFS	**AFC 204**	AK 204 AFC
AFP 300	VF 300 AFP	**AFM 300**	MF 300 AFM	**AFS 300**	SMF 300 AFS	**AFC 300**	AK 300 AFC
AFP 432	VF 432 AFP	**AFM 432**	MF 432 AFM	**AFS 432**	SMF 432 AFS	**AFC 432**	AK 432 AFC
AFP 570	VF 570 AFP	**AFM 570**	MF 570 AFM	**AFS 570**	SMF 570 AFS	**AFC 570**	AK 570 AFC
AFP 750	VF 750 AFP	**AFM 750**	MF 750 AFM	**AFS 750**	SMF 750 AFS	**AFC 750**	AK 750 AFC
AFP 990	VF 990 AFP	**AFM 990**	MF 990 AFM	**AFS 990**	SMF 990 AFS	**AFC 990**	AK 990 AFC
AFP 1140	VF 1140 AFP	**AFM 1140**	MF 1140 AFM	**AFS 1140**	SMF 1140 AFS	**AFC 1140**	AK 1140 AFC
AFP 1320	VF 1320 AFP	**AFM 1320**	MF 1320 AFM	**AFS 1320**	SMF 1320 AFS	**AFC 1320**	AK 1320 AFC
AFP 1680	VF 1680 AFP	**AFM 1680**	MF 1680 AFM	**AFS 1680**	SMF 1680 AFS	**AFC 1680**	AK 1680 AFC
AFP 2100	VF 2100 AFP	**AFM 2100**	MF 2100 AFM	**AFS 2100**	SMF 2100 AFS	**AFC 2100**	AK 2100 AFC
AFP 2640	VF 2640 AFP	**AFM 2640**	MF 2640 AFM	**AFS 2640**	SMF 2640 AFS	**AFC 2640**	AK 2640 AFC

* Valid if ''SMF'' filter cartridge is installed upstream.

ALUP (new)

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	P	G	C	V
ALUP (new) **Plastic end caps**				
Particle retention	**1 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	3	2	2	1*
Oils -q. class (ISO 8573-1)	-	2	1	1
Filter media	borosilicate micro fibres			activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	20	50	80	60

P		G		C		V	
ALUP	**ultrafilter**	**ALUP**	**ultrafilter**	**ALUP**	**ultrafilter**	**ALUP**	**ultrafilter**
FILTER 45	FF 45 P	**FILTER 45**	MF 45 G	**FILTER 45**	SMF 45 C	**FILTER 45**	AK 45 V
FILTER 90	FF 90 P	**FILTER 90**	MF 90 G	**FILTER 90**	SMF 90 C	**FILTER 90**	AK 90 V
FILTER 125	FF 125 P	**FILTER 125**	MF 125 G	**FILTER 125**	SMF 125 C	**FILTER 125**	AK 125 V
FILTER 180	FF 180 P	**FILTER 180**	MF 180 G	**FILTER 180**	SMF 180 C	**FILTER 180**	AK 180 V
FILTER 290	FF 290 P	**FILTER 290**	MF 290 G	**FILTER 290**	SMF 290 C	**FILTER 290**	AK 290 V
FILTER 505	FF 505 P	**FILTER 505**	MF 505 G	**FILTER 505**	SMF 505 C	**FILTER 505**	AK 505 V
FILTER 685	FF 685 P	**FILTER 685**	MF 685 G	**FILTER 685**	SMF 685 C	**FILTER 685**	AK 685 V
FILTER 935	FF 935 P	**FILTER 935**	MF 935 G	**FILTER 935**	SMF 935 C	**FILTER 935**	AK 935 V
FILTER 1295	FF 1295 P	**FILTER 1295**	MF 1295 G	**FILTER 1295**	SMF 1295 C	**FILTER 1295**	AK 1295 V
FILTER 1890	FF 1890 P	**FILTER 1890**	MF 1890 G	**FILTER 1890**	SMF 1890 C	**FILTER 1890**	AK 1890 V
FILTER 2430	FF 2430 P	**FILTER 2430**	MF 2430 G	**FILTER 2430**	SMF 2430 C	**FILTER 2430**	AK 2430 V

* Valid if ''SMF'' filter cartridge is installed upstream.

ALUP (previous) Alternative Filter Elements

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ALUP (previous) Plastic end caps	MBP	MBM	MBS	MBA
				
Particle retention	**3 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	2	2	1*
Oils -q. class (ISO 8573-1)	-	2	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	50	80	60

MBP		MBM		MBS		MBA	
ALUP	**ultrafilter**	**ALUP**	**ultrafilter**	**ALUP**	**ultrafilter**	**ALUP**	**ultrafilter**
MBP 60	VF 60 MBP	**MBM 60**	MF 60 MBM	**MBS 60**	SMF 60 MBS	**MBA 60**	AK 60 MBA
MBP 80	VF 80 MBP	**MBM 80**	MF 80 MBM	**MBS 80**	SMF 80 MBS	**MBA 80**	AK 80 MBA
MBP 120	VF 120 MBP	**MBM 120**	MF 120 MBM	**MBS 120**	SMF 120 MBS	**MBA 120**	AK 120 MBA
MBP 200	VF 200 MBP	**MBM 200**	MF 200 MBM	**MBS 200**	SMF 200 MBS	**MBA 200**	AK 200 MBA
MBP 340	VF 340 MBP	**MBM 340**	MF 340 MBM	**MBS 340**	SMF 340 MBS	**MBA 340**	AK 340 MBA
MBP 510	VF 510 MBP	**MBM 510**	MF 510 MBM	**MBS 510**	SMF 510 MBS	**MBA 510**	AK 510 MBA
MBP 800	VF 800 MBP	**MBM 800**	MF 800 MBM	**MBS 800**	SMF 800 MBS	**MBA 800**	AK 800 MBA
MBP 1000	VF 1000 MBP	**MBM 1000**	MF 1000 MBM	**MBS 1000**	SMF 1000 MBS	**MBA 1000**	AK 1000 MBA
MBP 1500	VF 1500 MBP	**MBM 1500**	MF 1500 MBM	**MBS 1500**	SMF 1500 MBS	**MBA 1500**	AK 1500 MBA
MBP 2400	VF 2400 MBP	**MBM 2400**	MF 2400 MBM	**MBS 2400**	SMF 2400 MBS	**MBA 2400**	AK 2400 MBA

* Valid if ''SMF'' filter cartridge is installed upstream.

ALUP (old) Alternative Filter Elements

ALUP (old) Plastic end caps	AFP	AFM	AFS	AFC
				
Particle retention	**3 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	2	2	1*
Oils -q. class (ISO 8573-1)	-	2	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	50	80	60

AFP		AFM		AFS		AFC	
ALUP	**ultrafilter**	**ALUP**	**ultrafilter**	**ALUP**	**ultrafilter**	**ALUP**	**ultrafilter**
AFP 30	VF 30 AFP	**AFM 30**	MF 30 AFM	**AFS 30**	SMF 30 AFS	**AFC 30**	AK 30 AFC
AFP 60	VF 60 AFP	**AFM 60**	MF 60 AFM	**AFS 60**	SMF 60 AFS	**AFC 60**	AK 60 AFC
AFP 108	VF 108 AFP	**AFM 108**	MF 108 AFM	**AFS 108**	SMF 108 AFS	**AFC 108**	AK 108 AFC
AFP 180	VF 180 AFP	**AFM 180**	MF 180 AFM	**AFS 180**	SMF 180 AFS	**AFC 180**	AK 180 AFC
AFP 204	VF 204 AFP	**AFM 204**	MF 204 AFM	**AFS 204**	SMF 204 AFS	**AFC 204**	AK 204 AFC
AFP 300	VF 300 AFP	**AFM 300**	MF 300 AFM	**AFS 300**	SMF 300 AFS	**AFC 300**	AK 300 AFC
AFP 432	VF 432 AFP	**AFM 432**	MF 432 AFM	**AFS 432**	SMF 432 AFS	**AFC 432**	AK 432 AFC
AFP 570	VF 570 AFP	**AFM 570**	MF 570 AFM	**AFS 570**	SMF 570 AFS	**AFC 570**	AK 570 AFC
AFP 750	VF 750 AFP	**AFM 750**	MF 750 AFM	**AFS 750**	SMF 750 AFS	**AFC 750**	AK 750 AFC
AFP 990	VF 990 AFP	**AFM 990**	MF 990 AFM	**AFS 990**	SMF 990 AFS	**AFC 990**	AK 990 AFC
AFP 1140	VF 1140 AFP	**AFM 1140**	MF 1140 AFM	**AFS 1140**	SMF 1140 AFS	**AFC 1140**	AK 1140 AFC
AFP 1320	VF 1320 AFP	**AFM 1320**	MF 1320 AFM	**AFS 1320**	SMF 1320 AFS	**AFC 1320**	AK 1320 AFC
AFP 1680	VF 1680 AFP	**AFM 1680**	MF 1680 AFM	**AFS 1680**	SMF 1680 AFS	**AFC 1680**	AK 1680 AFC
AFP 2100	VF 2100 AFP	**AFM 2100**	MF 2100 AFM	**AFS 2100**	SMF 2100 AFS	**AFC 2100**	AK 2100 AFC
AFP 2640	VF 2640 AFP	**AFM 2640**	MF 2640 AFM	**AFS 2640**	SMF 2640 AFS	**AFC 2640**	AK 2640 AFC

* Valid if ''SMF'' filter cartridge is installed upstream.

ATLAS COPCO +

Alternative Filter Elements

ATLAS COPCO NAUTILUS Plastic end caps	DD	PD/UD**	QD
			
Particle retention	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	2	2	1*
Oils -q. class (ISO 8573-1)	2	1	1
Filter media	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	50	80	60

	DD		PD/UD**		QD	
	ATLAS COPCO	ultrafilter	ATLAS COPCO	ultrafilter	ATLAS COPCO	ultrafilter
	10+ DD	MF 2/1.5+	**10+ PD**	SMF 2/1.5+	**10+ QD**	AK 2/1.5+
	20+ DD	MF 4/1.5+	**20+ PD**	SMF 4/1.5+	**20+ QD**	AK 4/1.5+
	35+ DD	MF 5/1.5+	**35+ PD**	SMF 5/1.5+	**35+ QD**	AK 5/1.5+
	50+ DD	MF 6/2.5+	**50+ PD**	SMF 6/2.5+	**50+ QD**	AK 6/2.5+
	70+ DD	MF 8/2.5+	**70+ PD**	SMF 8/2.5+	**70+ QD**	AK 8/2.5+
	130+ DD	MF 11/3+	**130+ PD**	SMF 11/3+	**130+ QD**	AK 11/3+
	170+ DD	MF 12/3+	**170+ PD**	SMF 12/3+	**170+ QD**	AK 12/3+
	210+ DD	MF 14/3+	**210+ PD**	SMF 14/3+	**210+ QD**	AK 14/3+
	310+ DD	MF 16/3.5+	**310+ PD**	SMF 16/3.5+	**310+ QD**	AK 16/3.5+
	425+ DD	MF 20/4+	**425+ PD**	SMF 20/4+	**425+ QD**	AK 20/4+
	550+ DD	MF 26/4+	**550+ PD**	SMF 26/4+	**550+ QD**	AK 26/4+

**** Atlas Copco + type UD is equal to type PD = ultrafilter type SMF**

***** Vaild if "SMF" filter cartridge is installed upstream.

ATLAS COPCO

Alternative Filter Elements

ULTRAFILTER
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ATLAS COPCO Plastic end caps	DD	PD	QD
			
Particle retention	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	2	2	1**
Oils -q. class (ISO 8573-1)	2	1	1
Filter media	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	50	80	60

	DD		PD		QD	
	ATLAS COPCO	**ultrafilter**	**ATLAS COPCO**	**ultrafilter**	**ATLAS COPCO**	**ultrafilter**
	DD 9	MF 2/1.5	**PD 9**	SMF 2/1.5	**QD 9**	AK 2/1.5
	DD 17	MF 4/1.5	**PD 17**	SMF 4/1.5	**QD 17**	AK 4/1.5
	DD 32	MF 5/1.5	**PD 32**	SMF 5/1.5	**QD 32**	AK 5/1.5
	DD 44	MF 6/2.5	**PD 44**	SMF 6/2.5	**QD 44**	AK 6/2.5
	DD 60	MF 8/2.5	**PD 60**	SMF 8/2.5	**QD 60**	AK 8/2.5
	DD 120	MF 11/3	**PD 120**	SMF 11/3	**QD 120**	AK 11/3
	DD 150	MF 12/3	**PD 150**	SMF 12/3	**QD 150**	AK 12/3
	DD 175	MF 14/3	**PD 175**	SMF 14/3	**QD 175**	AK 14/3
	DD 260/DD 280	MF 16/3.5*	**PD 260/PD 280**	SMF 16/3.5*	**QD 260/QD 280**	AK 16/3.5*
	DD 390	MF 20/4	**PD 390**	SMF 20/4	**QD 390**	AK 20/4
	DD 520	MF 26/4	**PD 520**	SMF 26/4	**QD 520**	AK 26/4

*** Alumium end caps**

** Vaild if "SMF" filter cartridge is installed upstream.

ATLAS COPCO Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

ATLAS COPCO Aluminium end caps	DD	PD	QD
			
Particle retention	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	2	2	1*
Oils -q. class (ISO 8573-1)	2	1	1
Filter media	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	50	80	60

	DD		PD		QD	
	ATLAS COPCO	**ultrafilter**	**ATLAS COPCO**	**ultrafilter**	**ATLAS COPCO**	**ultrafilter**
	DD 9	MF 2/1.5 AL	**PD 9**	SMF 2/1.5 AL	**QD 9**	AK 2/1.5 AL
	DD 17	MF 4/1.5 AL	**PD 17**	SMF 4/1.5 AL	**QD 17**	AK 4/1.5 AL
	DD 32	MF 5/1.5 AL	**PD 32**	SMF 5/1.5 AL	**QD 32**	AK 5/1.5 AL
	DD 44	MF 6/2.5 AL	**PD 44**	SMF 6/2.5 AL	**QD 44**	AK 6/2.5 AL
	DD 60	MF 8/2.5 AL	**PD 60**	SMF 8/2.5 AL	**QD 60**	AK 8/2.5 AL
	DD 120	MF 11/3 AL	**PD 120**	SMF 11/3 AL	**QD 120**	AK 11/3 AL
	DD 150	MF 12/3 AL	**PD 150**	SMF 12/3 AL	**QD 150**	AK 12/3 AL
	DD 175	MF 14/3 AL	**PD 175**	SMF 14/3 AL	**QD 175**	AK 14/3 AL
	DD 260 **DD 280**	MF 16/3.5 AL	**PD 260** **PD 280**	SMF 16/3.5 AL	**QD 260** **QD 280**	AK 16/3.5 AL
	DD 390	MF 20/4 AL	**PD 390**	SMF 20/4 AL	**QD 390**	AK 20/4 AL
	DD 520	MF 26/4 AL	**PD 520**	SMF 26/4 AL	**QD 520**	AK 26/4 AL
	DD 520F	MF 26/4 F AL	**PD 520F**	SMF 26/4 F AL	**QD 520F**	AK 26/4 F AL
	DD 780F	MF 24/3 AL	**PD 780F**	SMF 24/3 AL	**QD 780F**	AK 24/3 AL
	DD 850F	MF 24/3 AL	**PD 850F**	SMF 24/3 AL	**QD 850F**	AK 24/3 AL

* Vaild if "SMF" filter cartridge is installed upstream.

ATLAS COPCO (old)

Alternative Filter Elements

ATLAS COPCO (old) Plastic end caps	DD	PD	QD
			
Particle retention	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	2	2	1*
Oils -q. class (ISO 8573-1)	2	1	1
Filter media	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	50	80	60

	DD		PD		QD	
	ATLAS COPCO	ultrafilter	ATLAS COPCO	ultrafilter	ATLAS COPCO	ultrafilter
	DD 6	MF 2/0.5	**PD 6**	SMF 2/0.5	**QD 6**	AK 2/0.5
	DD 13	MF 3/1.5	**PD 13**	SMF 3/1.5	**QD 13**	AK 3/1.5
	DD 25	MF 4/1.5	**PD 25**	SMF 4/1.5	**QD 25**	AK 4/1.5
	DD 40	MF 6/2.5	**PD 40**	SMF 6/2.5	**QD 40**	AK 6/2.5
	DD 65/DD 85	MF 10/2.5	**PD 65/PD 85**	SMF 10/2.5	**QD 65/QD 85**	AK 10/2.5
	DD 170/DD 195	MF 12/3 2"S	**PD 170/PD 195**	SMF 12/3 2"S	**QD 170/QD 195**	AK 12/3 2"S
	DD 295	MF 24/3 2"S	**PD 295**	SMF 24/3 2"S	**QD 295**	AK 24/3 2"S
	DD 375/DD 400	MF 15/4 21/2"S	**PD 375/PD 400**	SMF 15/4 21/2"S	**QD 375/QD 400**	AK 15/4 21/2"S
	DD 450/DD 500	MF 24/4 21/2"S	**PD 450/PD 500**	SMF 24/4 21/2"S	**QD 450/QD 500**	AK 24/4 21/2"S

* Valid if ''SMF'' filter cartridge is installed upstream.

ATLAS COPCO (old)

Alternative Filter Elements

	DD	PD	QD
ATLAS COPCO (old) **Aluminium end caps**			
Particle retention	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	2	2	1*
Oils -q. class (ISO 8573-1)	2	1	1
Filter media	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	50	80	60

DD		PD		QD	
ATLAS COPCO	**ultrafilter**	**ATLAS COPCO**	**ultrafilter**	**ATLAS COPCO**	**ultrafilter**
DD 6	MF 2/0.5 AL	**PD 6**	SMF 2/0.5 AL	**QD 6**	AK 2/0.5 AL
DD 13	MF 3/1.5 AL	**PD 13**	SMF 3/1.5 AL	**QD 13**	AK 3/1.5 AL
DD 25	MF 4/1.5 AL	**PD 25**	SMF 4/1.5 AL	**QD 25**	AK 4/1.5 AL
DD 40	MF 6/2.5 AL	**PD 40**	SMF 6/2.5 AL	**QD 40**	AK 6/2.5 AL
DD 65/DD 85	MF 10/2.5 AL	**PD 65/PD 85**	SMF 10/2.5 AL	**QD 65/QD 85**	AK 10/2.5 AL
DD 170/DD 195	MF 12/3 2"S AL	**PD 170/PD 195**	SMF 12/3 2"S AL	**QD 170/QD 195**	AK 12/3 2"S AL
DD 295	MF 24/3 2"S AL	**PD 295**	SMF 24/3 2"S AL	**QD 295**	AK 24/3 2"S AL
DD 375/DD 400	MF 15/4 21/2"S AL	**PD 375/PD 400**	SMF 15/4 21/2"S AL	**QD 375/QD 400**	AK 15/4 21/2"S AL
DD 450/DD 500	MF 24/4 21/2"S AL	**PD 450/PD 500**	SMF 24/4 21/2"S AL	**QD 450/QD 500**	AK 24/4 21/2"S AL

* Valid if ''SMF'' filter cartridge is installed upstream.

ATS Alternative Filter Elements

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ATS Plastic end caps	P	M	H	C
				
Particle retention	**3 µm**	**1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	3	2	1*
Oils -q. class (ISO 8573-1)	-	-	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	20	80	60

P		M		H		C	
ATS	**ultrafilter**	**ATS**	**ultrafilter**	**ATS**	**ultrafilter**	**ATS**	**ultrafilter**
0034E; 0020EP	VF 34 P	**0034E; 0020EM**	FF 34 M	**0034E; 0020EH**	SMF 34 H	**0034E; 0020EC**	AK 34 C
0077E; 0045EP	VF 77 P	**0077E; 0045EM**	FF 77 M	**0077E; 0045EH**	SMF 77 H	**0077E; 0045EC**	AK 77 C
0119E; 0070EP	VF 119 P	**0119E; 0070EM**	FF 119 M	**0119E; 0070EH**	SMF 119 H	**0119E; 0070EC**	AK 119 C
0170E;0100EP	VF 170 P	**0170E;0100EM**	FF 170 M	**0170E;0100EH**	SMF 170 H	**0170E;0100EC**	AK 170 C
0212E; 0125EP	VF 212 P	**0212E; 0125EM**	FF 212 M	**0212E; 0125EH**	SMF 212 H	**0212E; 0125EC**	AK 212 C
0306E; 0180EP	VF 306 P	**0306E; 0180EM**	FF 306 M	**0306E; 0180EH**	SMF 306 H	**0306E; 0180EC**	AK 306 C
0451E; 0265EP	VF 451 P	**0451E; 0265EM**	FF 451 M	**0451E; 0265EH**	SMF 451 H	**0451E; 0265EC**	AK 451 C
0629E; 0370EP	VF 629 P	**0629E; 0370EM**	FF 629 M	**0629E; 0370EH**	SMF 629 H	**0629E; 0370EC**	AK 629 C
0875E; 0515EP	VF 875 P	**0875E; 0515EM**	FF 875 M	**0875E; 0515EH**	SMF 875 H	**0875E; 0515EC**	AK 875 C
1267E; 0745EP	VF 1267 P	**1267E; 0745EM**	FF 1267 M	**1267E; 0745EH**	SMF 1267 H	**1267E; 0745EC**	AK 1267 C
1800E; 1060EP	VF 1800 P	**1800E; 1060EM**	FF 1800 M	**1800E; 1060EH**	SMF 1800 H	**1800E; 1060EC**	AK 1800 C
2176E; 1280EP	VF 2176 P	**2176E; 1280EM**	FF 2176 M	**2176E; 1280EH**	SMF 2176 H	**2176E; 1280EC**	AK 2176 C
2805E; 1650EP	VF 2805 P	**2805E; 1650EM**	FF 2805 M	**2805E; 1650EH**	SMF 2805 H	**2805E; 1650EC**	AK 2805 C

* Valid if ''SMF'' filter cartridge is installed upstream.


ULTRAFILTER
THE FILTRATION MANUFACTURER

BALMA Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

BALMA Plastic end caps	MBP	MBM	MBS	MBA
				
Particle retention	**3 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	2	2	1*
Oils -q. class (ISO 8573-1)	-	2	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	50	80	60

MBP		MBM		MBS		MBA	
BALMA	**ultrafilter**	**BALMA**	**ultrafilter**	**BALMA**	**ultrafilter**	**BALMA**	**ultrafilter**
MBP 60	VF 60 MBP	**MBM 60**	MF 60 MBM	**MBS 60**	SMF 60 MBS	**MBA 60**	AK 60 MBA
MBP 80	VF 80 MBP	**MBM 80**	MF 80 MBM	**MBS 80**	SMF 80 MBS	**MBA 80**	AK 80 MBA
MBP 120	VF 120 MBP	**MBM 120**	MF 120 MBM	**MBS 120**	SMF 120 MBS	**MBA 120**	AK 120 MBA
MBP 200	VF 200 MBP	**MBM 200**	MF 200 MBM	**MBS 200**	SMF 200 MBS	**MBA 200**	AK 200 MBA
MBP 340	VF 340 MBP	**MBM 340**	MF 340 MBM	**MBS 340**	SMF 340 MBS	**MBA 340**	AK 340 MBA
MBP 510	VF 510 MBP	**MBM 510**	MF 510 MBM	**MBS 510**	SMF 510 MBS	**MBA 510**	AK 510 MBA
MBP 800	VF 800 MBP	**MBM 800**	MF 800 MBM	**MBS 800**	SMF 800 MBS	**MBA 800**	AK 800 MBA
MBP 1000	VF 1000 MBP	**MBM 1000**	MF 1000 MBM	**MBS 1000**	SMF 1000 MBS	**MBA 1000**	AK 1000 MBA
MBP 1500	VF 1500 MBP	**MBM 1500**	MF 1500 MBM	**MBS 1500**	SMF 1500 MBS	**MBA 1500**	AK 1500 MBA
MBP 2400	VF 2400 MBP	**MBM 2400**	MF 2400 MBM	**MBS 2400**	SMF 2400 MBS	**MBA 2400**	AK 2400 MBA

* Valid if ''SMF'' filter cartridge is installed upstream.

BEA ARS

Alternative Filter Elements

BEA Aluminium end caps	RM	RF	RB
			
Particle retention	**3 µm**	**1 µm**	**0,1 µm**
Solids - q. class (ISO 8573-1)	3	3	2
Oils -q. class (ISO 8573-1)	-	-	1
Filter media	borosilicate micro fibres		
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65
Diff. pressure (new) [mbar]	20	20	80

RM		RF		RB	
BEA	**ultrafilter**	**BEA**	**ultrafilter**	**BEA**	**ultrafilter**
ARS-15 RM	VF ARS15 RM AL	**ARS-15 RF**	FF ARS15 RF AL	**ARS-15 RB**	MF ARS15 RB AL
ARS-30 RM	VF ARS30 RM AL	**ARS-30 RF**	FF ARS30 RF AL	**ARS-30 RB**	MF ARS30 RB AL
ARS-100 RM	VF ARS100 RM AL	**ARS-100 RF**	FF ARS100 RF AL	**ARS-100 RB**	MF ARS100 RB AL
ARS-180 RM	VF ARS180 RM AL	**ARS-180 RF**	FF ARS180 RF AL	**ARS-180 RB**	MF ARS180 RB AL
ARS-290 RM	VF ARS290 RM AL	**ARS-290 RF**	FF ARS290 RF AL	**ARS-290 RB**	MF ARS290 RB AL
ARS-460 RM	VF ARS460 RM AL	**ARS-460 RF**	FF ARS460 RF AL	**ARS-460 RB**	MF ARS460 RB AL
ARS-610 RM	VF ARS610 RM AL	**ARS-610 RF**	FF ARS610 RF AL	**ARS-610 RB**	MF ARS610 RB AL
ARS-930 RM	VF ARS930 RM AL	**ARS-930 RF**	FF ARS930 RF AL	**ARS-930 RB**	MF ARS930 RB AL
ARS-1050 RM	VF ARS1050 RM AL	**ARS-1050 RF**	FF ARS1050 RF AL	**ARS-1050 RB**	MF ARS1050 RB AL
ARS-1250 RM	VF ARS1250 RM AL	**ARS-1250 RF**	FF ARS1250 RF AL	**ARS-1250 RB**	MF ARS1250 RB AL
ARS-1400 RM	VF ARS1400 RM AL	**ARS-1400 RF**	FF ARS1400 RF AL	**ARS-1400 RB**	MF ARS1400 RB AL
ARS-2300 RM	VF ARS2300 RM AL	**ARS-2300 RF**	FF ARS2300 RF AL	**ARS-2300 RB**	MF ARS2300 RB AL

* Valid if ''SMF'' filter cartridge is installed upstream.

BEA ARS

Alternative Filter Elements

BEA Aluminium end caps	RA	CA
		
Particle retention	**0,01 µm**	**0,1 µm**
Solids - q. class (ISO 8573-1)	2	2
Oils -q. class (ISO 8573-1)	1	2
Filter media	borosilicate micro fibres	
Operating temp. range [°C]	1,5 to 65	1,5 to 65
Diff. pressure (new) [mbar]	80	50

	RA		CA	
	BEA	**ultrafilter**	**BEA**	**ultrafilter**
	ARS-15 RA	SMF ARS15 RA AL	**ARS-15 CA**	AK ARS15 CA AL
	ARS-30 RA	SMF ARS30 RA AL	**ARS-30 CA**	AK ARS30 CA AL
	ARS-100 RA	SMF ARS100 RA AL	**ARS-100 CA**	AK ARS100 CA AL
	ARS-180 RA	SMF ARS180 RA AL	**ARS-180 CA**	AK ARS180 CA AL
	ARS-290 RA	SMF ARS290 RA AL	**ARS-290 CA**	AK ARS290 CA AL
	ARS-460 RA	SMF ARS460 RA AL	**ARS-460 CA**	AK ARS460 CA AL
	ARS-610 RA	SMF ARS610 RA AL	**ARS-610 CA**	AK ARS610 CA AL
	ARS-930 RA	SMF ARS930 RA AL	**ARS-930 CA**	AK ARS930 CA AL
	ARS-1050 RA	SMF ARS1050 RA AL	**ARS-1050 CA**	AK ARS1050 CA AL
	ARS-1250 RA	SMF ARS1250 RA AL	**ARS-1250 CA**	AK ARS1250 CA AL
	ARS-1400 RA	SMF ARS1400 RA AL	**ARS-1400 CA**	AK ARS1400 CA AL
	ARS-2300 RA	SMF ARS2300 RA AL	**ARS-2300 CA**	AK ARS2300 CA AL

* Valid if ''SMF'' filter cartridge is installed upstream.

BEA ARV Alternative Filter Elements

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BEA ARV Aluminium end caps	DA-VAC
	
Particle retention	**medical vacuum**
Solids - q. class (ISO 8573-1)	-
Oils -q. class (ISO 8573-1)	-
Filter media	-
Operating temp. range [°C]	1,5 to 65
Diff. pressure (new) [mbar]	-

	DA-VAC	
	BEA	**ultrafilter**
	ARV-100-DA	VAK ARV100 DA AL
	ARV-180-DA	VAK ARV180 DA AL
	ARV-290-DA	VAK ARV290 DA AL
	ARV-460-DA	VAK ARV460 DA AL
	ARV-610-DA	VAK ARV610 DA AL
	ARV-930-DA	VAK ARV930 DA AL
	ARV-1050-DA	VAK ARV1050 DA AL
	ARV-2300-DA	VAK ARV2300 DA AL

BEA BST

Alternative Filter Elements

BEA BST

Aluminium end caps

	RM	RB	RA	CA
				
Particle retention	**3 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	2	2	1*
Oils -q. class (ISO 8573-1)	-	2	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	50	80	60

RM		RB		RA		CA	
BEA	**ultrafilter**	**BEA**	**ultrafilter**	**BEA**	**ultrafilter**	**BEA**	**ultrafilter**
BST-0032 RM	VF BST 0032 RM AI	**BST-0032 RB**	MF BST 0032 RB AI	**BST-0032 RA**	SMF BST 0032 RA AI	**BST-0032 CA**	AK BST 0032 CA AI
BST-0064 RM	VF BST 0064 RM AI	**BST-0064 RB**	MF BST 0064 RB AI	**BST-0064 RA**	SMF BST 0064 RA AI	**BST-0064 CA**	AK BST 0064 CA AI
BST-0105 RM	VF BST 0105 RM AI	**BST-0105 RB**	MF BST 0105 RB AI	**BST-0105 RA**	SMF BST 0105 RA AI	**BST-0105 CA**	AK BST 0105 CA AI
BST-0190 RM	VF BST 0190 RM AI	**BST-0190 RB**	MF BST 0190 RB AI	**BST-0190 RA**	SMF BST 0190 RA AI	**BST-0190 CA**	AK BST 0190 CA AI
BST-0300 RM	VF BST 0300 RM AI	**BST-0300 RB**	MF BST 0300 RB AI	**BST-0300 RA**	SMF BST 0300 RA AI	**BST-0300 CA**	AK BST 0300 CA AI
BST-0480 RM	VF BST 0480 RM AI	**BST-0480 RB**	MF BST 0480 RB AI	**BST-0480 RA**	SMF BST 0480 RA AI	**BST-0480 CA**	AK BST 0480 CA AI
BST-0700 RM	VF BST 0700 RM AI	**BST-0700 RB**	MF BST 0700 RB AI	**BST-0700 RA**	SMF BST 0700 RA AI	**BST-0700 CA**	AK BST 0700 CA AI
BST-1000 RM	VF BST 1000 RM AI	**BST-1000 RB**	MF BST 1000 RB AI	**BST-1000 RA**	SMF BST 1000 RA AI	**BST-1000 CA**	AK BST 1000 CA AI
BST-1200 RM	VF BST 1200 RM AI	**BST-1200 RB**	MF BST 1200 RB AI	**BST-1200 RA**	SMF BST 1200 RA AI	**BST-1200 CA**	AK BST 1200 CA AI
BST-1400 RM	VF BST 1400 RM AI	**BST-1400 RB**	MF BST 1400 RB AI	**BST-1400 RA**	SMF BST 1400 RA AI	**BST-1400 CA**	AK BST 1400 CA AI
BST-1500 RM	VF BST 1500 RM AI	**BST-1500 RB**	MF BST 1500 RB AI	**BST-1500 RA**	SMF BST 1500 RA AI	**BST-1500 CA**	AL BST 1500 CA AI
BST-2200 RM	VF BST 2200 RM AI	**BST-2200 RB**	MF BST 2200 RB AI	**BST-2200 RA**	SMF BST 2200 RA AI	**BST-2200 CA**	AK BST 2200 CA AI
BST-2300 RM	VF BST 2300 RM AI	**BST-2300 RB**	MF BST 2300 RB AI	**BST-2300 RA**	SMF BST 2300 RA AI	**BST-2300 CA**	AK BST 2300 CA AI

* Valid if ''SMF'' filter cartridge is installed upstream.

BEKO Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

BEKO Plastic end caps	G	F	S	A
				
Particle retention	**3 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	2	2	1*
Oils -q. class (ISO 8573-1)	-	2	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	50	80	60

G		F		S		A	
BEKO	**ultrafilter**	**BEKO**	**ultrafilter**	**BEKO**	**ultrafilter**	**BEKO**	**ultrafilter**
04 G	VF 04 G	**04 F**	MF 04 F	**04 S**	SMF 04 S	**04 A**	AK 04 A
05 G	VF 05 G	**05 F**	MF 05 F	**05 S**	SMF 05 S	**05 A**	AK 05 A
06 G	VF 06 G	**06 F**	MF 06 F	**06 S**	SMF 06 S	**06 A**	AK 06 A
07 G	VF 07 G	**07 F**	MF 07 F	**07 S**	SMF 07 S	**07 A**	AK 07 A
10 G	VF 10 G	**10 F**	MF 10 F	**10 S**	SMF 10 S	**10 A**	AK 10 A
12 G	VF 12 G	**12 F**	MF 12 F	**12 S**	SMF 12 S	**12 A**	AK 12 A
15 G	VF 15 G	**15 F**	MF 15 F	**15 S**	SMF 15 S	**15 A**	AK 15 A
18 G	VF 18 G	**18 F**	MF 18 F	**18 S**	SMF 18 S	**18 A**	AK 18 A
20 G	VF 20 G	**20 F**	MF 20 F	**20 S**	SMF 20 S	**20 A**	AK 20 A
22 G	VF 22 G	**22 F**	MF 22 F	**22 S**	SMF 22 S	**22 A**	AK 22 A
23 G	VF 23 G	**23 F**	MF 23 F	**23 S**	SMF 23 S	**23 A**	AK 23 A
25 G	VF 25 G	**25 F**	MF 25 F	**25 S**	SMF 25 S	**25 A**	AK 25 A
27 G	VF 27 G	**27 F**	MF 27 F	**27 S**	SMF 27 S	**27 A**	AK 27 A
30 G	VF 30 G	**30 F**	MF 30 F	**30 S**	SMF 30 S	**30 A**	AK 30 A
32 G	VF 32 G	**32 F**	MF 32 F	**32 S**	SMF 32 S	**32 A**	AK 32 A
88 G	VF 88 G	**88 F**	MF 88 F	**88 S**	SMF 88 S	**88 A**	AK 88 A

* Valid if ''SMF'' filter cartridge is installed upstream.

BOGE (new) Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

BOGE (new) Plastic end caps	P	M	A
			
Particle retention	**1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	3	2	1*
Oils -q. class (ISO 8573-1)	-	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres	activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	80	60

P		M		A	
BOGE	**ultrafilter**	**BOGE**	**ultrafilter**	**BOGE**	**ultrafilter**
F6P	FF F6 P	**F6M**	SMF F6 M	**F6A**	AK F6 A
F9P	FF F9 P	**F9M**	SMF F9 M	**F9A**	AK F9 A
F12P	FF F12 P	**F12M**	SMF F12 M	**F12A**	AK F12 A
F18P	FF F18 P	**F18M**	SMF F18 M	**F18A**	AK F18 A
F36P	FF F36 P	**F36M**	SMF F36 M	**F36A**	AK F36 A
F65P	FF F65 P	**F65M**	SMF F65 M	**F65A**	AK F65 A
F95P	FF F95 P	**F95M**	SMF F95 M	**F95A**	AK F95 A
F130P	FF F130 P	**F130M**	SMF F130 M	**F130A**	AK F130 A
F190P	FF F190 P	**F190M**	SMF F190 M	**F190A**	AK F190 A
F260P	FF F260 P	**F260M**	SMF F260 M	**F260A**	AK F260 A
F380P	FF F380 P	**F380M**	SMF F380 M	**F380A**	AK F380 A

* Valid if ''SMF'' filter cartridge is installed upstream.

BOGE (previous)

Alternative Filter Elements

	V	FP	A
BOGE (previous) **Plastic end caps**			
Particle retention	**3 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	2	1*
Oils -q. class (ISO 8573-1)	-	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres	activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	80	60

V		FP		A	
BOGE	**ultrafilter**	**BOGE**	**ultrafilter**	**BOGE**	**ultrafilter**
1/5 V	VF 5 V	**1/5 FP**	SMF 5 FP	**1/5 A**	AK 5 A
1/10 V	VF 10 V	**1/10 FP**	SMF 10 FP	**1/10 A**	AK 10 A
1/12 V	VF 12 V	**1/12 FP**	SMF 12 FP	**1/12 A**	AK 12 A
1/20 V	VF 20 V	**1/20 FP**	SMF 20 FP	**1/20 A**	AK 20 A
1/30 V	VF 30 V	**1/30 FP**	SMF 30 FP	**1/30 A**	AK 30 A
1/50 V	VF 50 V	**1/50 FP**	SMF 50 FP	**1/50 A**	AK 50 A
1/80 V	VF 80 V	**1/80 FP**	SMF 80 FP	**1/80 A**	AK 80 A
1/120 V	VF 120 V	**1/120 FP**	SMF 120 FP	**1/120 A**	AK 120 A
1/160 V	VF 160 V	**1/160 FP**	SMF 160 FP	**1/160 A**	AK 160 A
1/250 V	VF 250 V	**1/250 FP**	SMF 250 FP	**1/250 A**	AK 250 A

* Valid if ''SMF'' filter cartridge is installed upstream.


ULTRAFILTER
THE FILTRATION MANUFACTURER

CECCATO (new) Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

CECCATO (new) Plastic end caps	P	G	C	V
				
Particle retention	**1 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	3	2	2	1*
Oils -q. class (ISO 8573-1)	-	2	1	1
Filter media	borosilicate micro fibres			activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	20	50	80	60

P		G		C		V	
CECCATO	**ultrafilter**	**CECCATO**	**ultrafilter**	**CECCATO**	**ultrafilter**	**CECCATO**	**ultrafilter**
FILTER 7	FF 7 P	**FILTER 7**	MF 7 G	**FILTER 7**	SMF 7 C	**FILTER 7**	AK 7 V
FILTER 15	FF 15 P	**FILTER 15**	MF 15 G	**FILTER 15**	SMF 15 C	**FILTER 15**	AK 15 V
FILTER 21	FF 21 P	**FILTER 21**	MF 21 G	**FILTER 21**	SMF 21 C	**FILTER 21**	AK 21 V
FILTER 30	FF 30 P	**FILTER 30**	MF 30 G	**FILTER 30**	SMF 30 C	**FILTER 30**	AK 30 V
FILTER 48	FF 48 P	**FILTER 48**	MF 48 G	**FILTER 48**	SMF 48 C	**FILTER 48**	AK 48 V
FILTER 84	FF 84 P	**FILTER 84**	MF 84 G	**FILTER 84**	SMF 84 C	**FILTER 84**	AK 84 V
FILTER 114	FF 114 P	**FILTER 114**	MF 114 G	**FILTER 114**	SMF 114 C	**FILTER 114**	AK 114 V
FILTER 156	FF 156 P	**FILTER 156**	MF 156 G	**FILTER 156**	SMF 156 C	**FILTER 156**	AK 156 V
FILTER 216	FF 216 P	**FILTER 216**	MF 216 G	**FILTER 216**	SMF 216 S	**FILTER 216**	AK 216 V
FILTER 315	FF 315 P	**FILTER 315**	MF 315 G	**FILTER 315**	SMF 315 C	**FILTER 315**	AK 315 V
FILTER 405	FF 405 P	**FILTER 405**	MF 405 G	**FILTER 405**	SMF 405 C	**FILTER 405**	AK 405 V

* Valid if ''SMF'' filter cartridge is installed upstream.

CECCATO (old) Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

CECCATO (old) Plastic end caps	MBP	MBM	MBS	MBA
				
Particle retention	**3 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	2	2	1*
Oils -q. class (ISO 8573-1)	-	2	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	50	80	60

MBP		MBM		MBS		MBA	
CECCATO	ultrafilter	CECCATO	ultrafilter	CECCATO	ultrafilter	CECCATO	ultrafilter
MBP 10	VF 10 MBP	**MBM 10**	MF 10 MBM	**MBS 10**	SMF 10 MBS	**MBA 10**	AK 10 MBA
MBP 13	VF 13 MBP	**MBM 13**	MF 13 MBM	**MBS 13**	SMF 13 MBS	**MBA 13**	AK 13 MBA
MBP 20	VF 20 MBP	**MBM 20**	MF 20 MBM	**MBS 20**	SMF 20 MBS	**MBA 20**	AK 20 MBA
MBP 33	VF 33 MBP	**MBM 33**	MF 33 MBM	**MBS 33**	SMF 33 MBS	**MBA 33**	AK 33 MBA
MBP 60	VF 60 MBP	**MBM 60**	MF 60 MBM	**MBS 60**	SMF 60 MBS	**MBA 60**	AK 60 MBA
MBP 85	VF 85 MBP	**MBM 85**	MF 85 MBM	**MBS 85**	SMF 85 MBS	**MBA 85**	AK 85 MBA
MBP 130	VF 130 MBP	**MBM 130**	MF 130 MBM	**MBS 130**	SMF 130 MBS	**MBA 130**	AK 130 MBA
MBP 170	VF 170 MBP	**MBM 170**	MF 170 MBM	**MBS 170**	SMF 170 MBS	**MBA 170**	AK 170 MBA
MBP 250	VF 250 MBP	**MBM 250**	MF 250 MBM	**MBS 250**	SMF 250 MBS	**MBA 250**	AK 250 MBA
MBP 400	VF 400 MBP	**MBM 400**	MF 400 MBM	**MBS 400**	SMF 400 MBS	**MBA 400**	AK 400 MBA

* Valid if "SMF" filter cartridge is installed upstream.

CHICAGO PNEUMATIC (new)

Alternative Filter Elements

CHICAGO PNEUMATIC (new) Plastic end caps	P	G	C	V
				
Particle retention	**1 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	3	2	2	1*
Oils -q. class (ISO 8573-1)	-	2	1	1
Filter media	borosilicate micro fibres			activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	20	50	80	60

P		G		C		V	
CHICAGO PNEUMATIC	ultrafilter	CHICAGO PNEUMATIC	ultrafilter	CHICAGO PNEUMATIC	ultrafilter	CHICAGO PNEUMATIC	ultrafilter
FILTER 45	FF 45 P	**FILTER 45**	MF 45 G	**FILTER 45**	SMF 45 C	**FILTER 45**	AK 45 V
FILTER 90	FF 90 P	**FILTER 90**	MF 90 G	**FILTER 90**	SMF 90 C	**FILTER 90**	AK 90 V
FILTER 125	FF 125 P	**FILTER 125**	MF 125 G	**FILTER 125**	SMF 125 C	**FILTER 125**	AK 125 V
FILTER 180	FF 180 P	**FILTER 180**	MF 180 G	**FILTER 180**	SMF 180 C	**FILTER 180**	AK 180 V
FILTER 290	FF 290 P	**FILTER 290**	MF 290 G	**FILTER 290**	SMF 290 C	**FILTER 290**	AK 290 V
FILTER 505	FF 505 P	**FILTER 505**	MF 505 G	**FILTER 505**	SMF 505 C	**FILTER 505**	AK 505 V
FILTER 685	FF 685 P	**FILTER 685**	MF 685 G	**FILTER 685**	SMF 685 C	**FILTER 685**	AK 685 V
FILTER 935	FF 935 P	**FILTER 935**	MF 935 G	**FILTER 935**	SMF 935 C	**FILTER 935**	AK 935 V
FILTER 1295	FF 1295 P	**FILTER 1295**	MF 1295 G	**FILTER 1295**	SMF 1295 C	**FILTER 1295**	AK 1295 V
FILTER 1890	FF 1890 P	**FILTER 1890**	MF 1890 G	**FILTER 1890**	SMF 1890 C	**FILTER 1890**	AK 1890 V
FILTER 2430	FF 2430 P	**FILTER 2430**	MF 2430 G	**FILTER 2430**	SMF 2430 C	**FILTER 2430**	AK 2430 V

* Valid if ''SMF'' filter cartridge is installed upstream.

CHICAGO PNEUMATIC (old)

Alternative Filter Elements

	MBP	MBM	MBS	MBA
CHICAGO PNEUMATIC (old) **Plastic end caps**				
Particle retention	**3 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	2	2	1*
Oils -q. class (ISO 8573-1)	-	2	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	50	80	60

MBP		MBM		MBS		MBA	
CHICAGO PNEUMATIC	ultrafilter	CHICAGO PNEUMATIC	ultrafilter	CHICAGO PNEUMATIC	ultrafilter	CHICAGO PNEUMATIC	ultrafilter
MBP 60	VF 60 MBP	**MBM 60**	MF 60 MBM	**MBS 60**	SMF 60 MBS	**MBA 60**	AK 60 MBA
MBP 80	VF 80 MBP	**MBM 80**	MF 80 MBM	**MBS 80**	SMF 80 MBS	**MBA 80**	AK 80 MBA
MBP 120	VF 120 MBP	**MBM 120**	MF 120 MBM	**MBS 120**	SMF 120 MBS	**MBA 120**	AK 120 MBA
MBP 200	VF 200 MBP	**MBM 200**	MF 200 MBM	**MBS 200**	SMF 200 MBS	**MBA 200**	AK 200 MBA
MBP 340	VF 340 MBP	**MBM 340**	MF 340 MBM	**MBS 340**	SMF 340 MBS	**MBA 340**	AK 340 MBA
MBP 510	VF 510 MBP	**MBM 510**	MF 510 MBM	**MBS 510**	SMF 510 MBS	**MBA 510**	AK 510 MBA
MBP 800	VF 800 MBP	**MBM 800**	MF 800 MBM	**MBS 800**	SMF 800 MBS	**MBA 800**	AK 800 MBA
MBP 1000	VF 1000 MBP	**MBM 1000**	MF 1000 MBM	**MBS 1000**	SMF 1000 MBS	**MBA 1000**	AK 1000 MBA
MBP 1500	VF 1500 MBP	**MBM 1500**	MF 1500 MBM	**MBS 1500**	SMF 1500 MBS	**MBA 1500**	AK 1500 MBA
MBP 2400	VF 2400 MBP	**MBM 2400**	MF 2400 MBM	**MBS 2400**	SMF 2400 MBS	**MBA 2400**	AK 2400 MBA

* Valid if ''SMF'' filter cartridge is installed upstream.

COMPAIR Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

COMPAIR Plastic end caps	B+E	C+F	D
			
Particle retention	**1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	3	2	1*
Oils -q. class (ISO 8573-1)	-	1	1
Filter media	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	20	80	60

B+E		C+F		D	
COMPAIR	ultrafilter	COMPAIR	ultrafilter	COMPAIR	ultrafilter
CE0006N B+E	FF 0006 B+E	**CE0006N C+F**	SMF 0006 C+F	**CE0006N D**	AK 0006 D
CE0012N B+E	FF 0012 B+E	**CE0012N C+F**	SMF 0012 C+F	**CE0012N D**	AK 0012 D
CE0018N B+E	FF 0018 B+E	**CE0018N C+F**	SMF 0018 C+F	**CE0018N D**	AK 0018 D
CE0036N B+E	FF 0036 B+E	**CE0036N C+F**	SMF 0036 C+F	**CE0036N D**	AK 0036 D
CE0066N B+E	FF 0066 B+E	**CE0066N C+F**	SMF 0066 C+F	**CE0066N D**	AK 0066 D
CE0096N B+E	FF 0096 B+E	**CE0096N C+F**	SMF 0096 C+F	**CE0096N D**	AK 0096 D
CE0132N B+E	FF 0132 B+E	**CE0132N C+F**	SMF 0132 C+F	**CE0132N D**	AK 0132 D
CE0198N B+E	FF 0198 B+E	**CE0198N C+F**	SMF 0198 C+F	**CE0198N D**	AK 0198 D
CE0258N B+E	FF 0258 B+E	**CE0258N C+F**	SMF 0258 C+F	**CE0258N D**	AK 0258 D
CE0372N B+E	FF 0372 B+E	**CE0372N C+F**	SMF 0372 C+F	**CE0372N D**	AK 0372 D
CE0600N B+E F	FF 0600F B+E	**CE0600N C+F F**	SMF 0600F C+F	**CE0600N D F**	AK 0600F D
CE0258N B+E F	FF 0258F B+E	**CE0258N C+F F**	SMF 0258F C+F	**CE0258N D F**	AK 0258F D
CE0372N B+E F	FF 0372F B+E	**CE0372N C+F F**	SMF 0372F C+F	**CE0372N D F**	AK 0372F D

* Valid if ''SMF'' filter cartridge is installed upstream.

COMPAIR (previous)

Alternative Filter Elements

	B	C	D
COMPAIR (previous) **Plastic end caps**			
Particle retention	**1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	3	2	1*
Oils -q. class (ISO 8573-1)	-	1	1
Filter media	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	20	80	60

B		C		D	
COMPAIR	**ultrafilter**	**COMPAIR**	**ultrafilter**	**COMPAIR**	**ultrafilter**
CE0005 B	FF 0005 B	**CE0005 C**	SMF 0005 C	**CE0005 D**	AK 0005 D
CE0010 B	FF 0010 B	**CE0010 C**	SMF 0010 C	**CE0010 D**	AK 0010 D
CE0018 B	FF 0018 B	**CE0018 C**	SMF 0018 C	**CE0018 D**	AK 0018 D
CE0036 B	FF 0036 B	**CE0036 C**	SMF 0036 C	**CE0036 D**	AK 0036 D
CE0048 B **CE0072 B** **CE0087 B**	FF 0048 B	**CE0048 C** **CE0072 C** **CE0087 C**	SMF 0048 C	**CE0048 D** **CE0072 D** **CE0087 D**	AK 0048 D
CE0120 B **CE0132 B**	FF 0132 B	**CE0120 C** **CE0132 C**	SMF 0132 C	**CE0120 D** **CE0132 D**	AK 0132 D
CE0198 B	FF 0198 B	**CE0198 C**	SMF 0198 C	**CE0198 D**	AK 0198 D
CE0240 B **CE0258 B**	FF 0258 B	**CE0240 C** **CE0258 C**	SMF 0258 C	**CE0240 D** **CE0258 D**	AK 0258 D
CE0372 B	FF 0372 B	**CE0372 C**	SMF 0372 C	**CE0372 D**	AK 0372 D

* Valid if ''SMF'' filter cartridge is installed upstream.

COMPAIR (previous)

Alternative Filter Elements

	B	C	D
COMPAIR (previous) **Aluminium end caps**			
Particle retention	**1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	3	2	1*
Oils -q. class (ISO 8573-1)	-	1	1
Filter media	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	20	80	60

B		C		D	
COMPAIR	**ultrafilter**	**COMPAIR**	**ultrafilter**	**COMPAIR**	**ultrafilter**
CE0005 B	FF 0005 B AI	**CE0005 C**	SMF 0005 C AI	**CE0005 D**	AK 0005 D AI
CE0010 B	FF 0010 B AI	**CE0010 C**	SMF 0010 C AI	**CE0010 D**	AK 0010 D AI
CE0018 B	FF 0018 B AI	**CE0018 C**	SMF 0018 C AI	**CE0018 D**	AK 0018 D AI
CE0036 B	FF 0036 B AI	**CE0036 C**	SMF 0036 C AI	**CE0036 D**	AK 0036 D AI
CE0048 B CE0072 B CE0087 B	FF 0048 B AI	**CE0048 C CE0072 C CE0087 C**	SMF 0048 C AI	**CE0048 D CE0072 D CE0087 D**	AK 0048 D AI
CE0120 B CE0132 B	FF 0132 B AI	**CE0120 C CE0132 C**	SMF 0132 C AI	**CE0120 D CE0132 D**	AK 0132 D AI
CE0198 B	FF 0198 B AI	**CE0198 C**	SMF 0198 C AI	**CE0198 D**	AK 0198 D AI
CE0240 B CE0258 B	FF 0258 B AI	**CE0240 C CE0258 C**	SMF 0258 C AI	**CE0240 D CE0258 D**	AK 0258 D AI
CE0372 B	FF 0372 B AI	**CE0372 C**	SMF 0372 C AI	**CE0372 D**	AK 0372 D AI

* Valid if ''SMF'' filter cartridge is installed upstream.

DELTECH 300 Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

DELTECH 300 Plastic end caps	S3	P3	H3	C3
				
Particle retention	**3 µm**	**1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	3	2	1*
Oils -q. class (ISO 8573-1)	-	-	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	20	80	60

S3		P3		H3		C3	
DELTECH	**ultrafilter**	**DELTECH**	**ultrafilter**	**DELTECH**	**ultrafilter**	**DELTECH**	**ultrafilter**
02- S3	VF 300 02 S3	**02-P3**	FF 300 02 P3	**02-H3**	SMF 300 02 H3	**02-C3**	AK 300 02 C3
03- S3	VF 300 03 S3	**03-P3**	FF 300 03 P3	**03-H3**	SMF 300 03 H3	**03-C3**	AK 300 03 C3
04- S3	VF 300 04 S3	**04-P3**	FF 300 04 P3	**04-H3**	SMF 300 04 H3	**04-C3**	AK 300 04 C3
06- S3	VF 300 06 S3	**06-P3**	FF 300 06 P3	**06-H3**	SMF 300 06 H3	**06-C3**	AK 300 06 C3
07- S3	VF 300 07 S3	**07-P3**	FF 300 07 P3	**07-H3**	SMF 300 07 H3	**07-C3**	AK 300 07 C3
08- S3	VF 300 08 S3	**08-P3**	FF 300 08 P3	**08-H3**	SMF 300 08 H3	**08-C3**	AK 300 08 C3
10- S3	VF 300 10 S3	**10-P3**	FF 300 10 P3	**10-H3**	SMF 300 10 H3	**10-C3**	AK 300 10 C3
11-S3	VF 300 11 S3	**11-P3**	FF 300 11 P3	**11-H3**	SMF 300 11 H3	**11-C3**	AK 300 11 C3
12-S3	VF 300 12 S3	**12-P3**	FF 300 12 P3	**12-H3**	SMF 300 12 H3	**12-C3**	AK 300 12 C3
13-S3	VF 300 13 S3	**13-P3**	FF 300 13 P3	**13-H3**	SMF 300 13 H3	**13-C3**	AK 300 13 C3
14-S3	VF 300 14 S3	**14-P3**	FF 300 14 P3	**14-H3**	SMF 300 14 H3	**14-C3**	AK 300 14 C3
15-S3	VF 300 15 S3	**15-P3**	FF 300 15 P3	**15-H3**	SMF 300 15 H3	**15-C3**	AK 300 15 C3
16-S3	VF 300 16 S3	**16-P3**	FF 300 16 P3	**16-H3**	SMF 300 16 H3	**16-C3**	AK 300 16 C3
17-S3	VF 300 17 S3	**17-P3**	FF 300 17 P3	**17-H3**	SMF 300 17 H3	**17-C3**	AK 300 17 C3

* Valid if ''SMF'' filter cartridge is installed upstream.

DELTECH Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

DELTECH Aluminium end caps	DFD	PFD	HFD	CFD
				
Particle retention	**1 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	3	2	2	1*
Oils -q. class (ISO 8573-1)	-	2	1	1
Filter media	borosilicate micro fibres			activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	20	50	80	60

DFD		PFD		HFD		CFD	
DELTECH	**ultrafilter**	**DELTECH**	**ultrafilter**	**DELTECH**	**ultrafilter**	**DELTECH**	**ultrafilter**
DFD 9	FF 9 DFD AI	**PFD 9**	MF 9 PFD AI	**HFD 9**	SMF 9 HFD AI	**CFD 9**	AK 9 CFD AI
DFD 18	FF 18 DFD AI	**PFD 18**	MF 18 PFD AI	**HFD 18**	SMF 18 HFD AI	**CFD 18**	AK 18 CFD AI
DFD 36	FF 36 DFD AI	**PFD 36**	MF 36 PFD AI	**HFD 36**	SMF 36 HFD AI	**CFD 36**	AK 36 CFD AI
DFD 54	FF 54 DFD AI	**PFD 54**	MF 54 PFD AI	**HFD 54**	SMF 54 HFD AI	**CFD 54**	AK 54 CFD AI
DFD 90	FF 90 DFD AI	**PFD 90**	MF 90 PFD AI	**HFD 90**	SMF 90 HFD AI	**CFD 90**	AK 90 CFD AI
DFD 135	FF 135 DFD AI	**PFD 135**	MF 135 PFD AI	**HFD 135**	SMF 135 HFD AI	**CFD 135**	AK 135 CFD AI
DFD 216	FF 216 DFD AI	**PFD 216**	MF 216 PFD AI	**HFD 216**	SMF 216 HFD AI	**CFD 216**	AK 216 CFD AI
DFD 285	FF 285 DFD AI	**PFD 285**	MF 285 PFD AI	**HFD 285**	SMF 285 HFD AI	**CFD 285**	AK 285 CFD AI
DFD 405	FF 405 DFD AI	**PFD 405**	MF 405 PFD AI	**HFD 405**	SMF 405 HFD AI	**CFD 405**	AK 405 CFD AI
DFD 540	FF 540 DFD AI	**PFD 540**	MF 540 PFD AI	**HFD 540**	SMF 540 HFD AI	**CFD 540**	AK 540 CFD AI
DFD 750	FF 750 DFD AI	**PFD 750**	MF 750 PFD AI	**HFD 750**	SMF 750 HFD AI	**CFD 750**	AK 750 CFD AI
DFD 8113	FF 8113 DFD AI	**PFD 8113**	MF 8113 PFD AI	**HFD 8113**	SMF 8113 HFD AI	**CFD 8113**	AK 8113 CFD AI
DFDL 8113	FF 8113L DFD AI	**PFDL 8113**	MF 8113L PFD AI	**HFDL 8113**	SMF 8113L HFD AI	**CFDL 8113**	AK 8113L CFD AI

* Valid if ''SMF'' filter cartridge is installed upstream.

DOMNICK HUNTER oil-x evolution

Alternative Filter Elements

DOMNICK HUNTER Plastic end caps	AR	AO	AA	ACS	MV
					
Particle retention	**1 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**	**medical vacuum**
Solids - q. class (ISO 8573-1)	3	2	2	1*	-
Oils -q. class (ISO 8573-1)	-	2	1	1	-
Filter media	borosilicate micro fibres			activated carbon	
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45	1,5 to 65
Diff. pressure (new) [mbar]	20	50	80	60	-

AR		AO		AA		ACS		MV	
DOMNICK HUNTER	ultrafilter	DOMNICK HUNTER	ultrafilter	DOMNICK HUNTER	ultrafilter	DOMNICK HUNTER	ultrafilter	DOMNICK HUNTER	ultrafilter
005 AR	FF 1/0,5	005 AO	MF 1/0,5	005 AA	SMF 1/0,5	005 ACS	AK 1/0,5		
010 AR	FF 2/0,5	010 AO	MF 2/0,5	010 AA	SMF 2/0,5	010 ACS	AK 2/0,5	010 MV	MVAK 2/0,5
015 AR	FF 3/1,5	015 AO	MF 3/1,5	015 AA	SMF 3/1,5	015 ACS	AK 3/1,5	015 MV	MVAK 3/1,5
020 AR	FF 4/1,5	020 AO	MF 4/1,5	020 AA	SMF 4/1,5	020 ACS	AK 4/1,5	020 MV	MVAK 4/1,5
025 AR	FF 6/2,5	025 AO	MF 6/2,5	025 AA	SMF 6/2,5	025 ACS	AK 6/2,5	025 MV	MVAK 6/2,5
030 AR	FF 10/2,5	030 AO	MF 10/2,5	030 AA	SMF 10/2,5	030 ACS	AK 10/2,5	030 MV	MVAK 10/2,5
035 AR	FF 10/3,5	035 AO	MF 10/3,5	035 AA	SMF 10/3,5	035 ACS	AK 10/3,5	035 MV	MVAK 10/3,5
040 AR	FF 12/3	040 AO	MF 12/3	040 AA	SMF 12/3	040 ACS	AK 12/3	040 MV	MVAK 12/3
045 AR	FF 24/3	045 AO	MF 24/3	045 AA	SMF 24/3	045 ACS	AK 24/3	045 MV	MVAK 24/3
050 AR	FF 15/4	050 AO	MF 15/4	050 AA	SMF 15/4	050 ACS	AK 15/4	050 MV	MVAK 15/4
055 AR	FF 24/4	055 AO	MF 24/4	055 AA	SMF 24/4	055 ACS	AK 24/4	055 MV	MVAK 24/4
060 AR	FF 25/3	060 AO	MF 25/3	060 AA	SMF 25/3	060 ACS	AK 25/3		
100 AR	FF 12/4,5	100 AO	MF 12/4,5	100 AA	SMF 12/4,5	100 ACS	AK 12/4,5		
150 AR	FF 16/4,5	150 AO	MF 16/4,5	150 AA	SMF 16/4,5	150 ACS	AK 16/4,5		
200 AR	FF 25/4,5	200 AO	MF 25/4,5	200 AA	SMF 25/4,5	200 ACS	AK 25/4,5		

* Valid if ''SMF'' filter cartridge is installed upstream.

DOMNICK HUNTER oil-x plus

Alternative Filter Elements

DOMNICK HUNTER Plastic end caps	PF	AO
		
Particle retention	3 µm	0,1 µm
Solids - q. class (ISO 8573-1)	6	2
Oils -q. class (ISO 8573-1)	-	2
Filter media	acrylic fibres, cellulose	borosilicate micro fibres
Operating temp. range [°C]	1,5 to 65	1,5 to 65
Diff. pressure (new) [mbar]	10	50

	PF				AO			
	DOMNICK HUNTER			ultrafilter	DOMNICK HUNTER			ultrafilter
	Oil-x plus	Oil-x	Oil-x 80		Oil-x plus	Oil-x	Oil-x 80	
	K 009 PF	K 006 PF	/	VF 2/0,5	K 009 AO	K 006 AO	/	MF 2/0,5
	K 017 PF	K 013 PF	E 007 PF	VF 3/1,5	K 017 AO	K 013 AO	E 007 AO	MF 3/1,5
	K 030 PF	K 025 PF	E 011 PF	VF 4/1,5	K 030 AO	K 025 AO	E 011 AO	MF 4/1,5
	K 058 PF	K 040 PF	E 035 PF	VF 6/2,5	K 058 AO	K 040 AO	E 035 AO	MF 6/2,5
	K 145 PF	K 085 PF	E 65 PF / E 060 PF	VF 10/2,5	K 145 AO	K 085 AO	E 65 AO / E 060 AO	MF 10/2,5
	K 220 PF	K 195 PF	E 120 PF	VF 12/3 2"S	K 220 AO	K 195 AO	E 120 AO	MF 12/3 2"S
	K 330 PF	K 295 PF	E 250 PF / E 200 PF	VF 24/3 2"S	K 330 AO	K 295 AO	E 250 AO / E 200 AO	MF 24/3 2"S
	K 430 PF	K 400 PF	N/A	VF 15/4 21/2"S	K 430 AO	K 400 AO	N/A	MF 15/4 21/2"S
	K 620 PF	K 500 PF	E 360 PF / E 300 PF	VF 24/4 21/2"S	K 620 AO	K 500 AO	E 360 AO / E 300 AO	MF 24/4 21/2"S

DOMNICK HUNTER

Plastic end caps

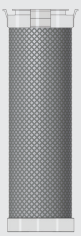
	AA	ACS	MV
			
Particle retention	0,01 µm	activated carbon	medical vacuum
Solids - q. class (ISO 8573-1)	2	1*	-
Oils -q. class (ISO 8573-1)	1	1	-
Filter media	borosilicate micro fibres	activated carbon	-
Operating temp. range [°C]	1,5 to 65	1,5 to 45	1,5 to 65
Diff. pressure (new) [mbar]	80	60	-

AA				ACS		MV	
DOMNICK HUNTER			ultrafilter	DOMNICK HUNTER	ultrafilter	DOMNICK HUNTER	ultrafilter
Oil-x plus	Oil-x	Oil-x 80		Oil-x plus			
K 009 AA	K 006 AA	/	SMF 2/0,5	K 009 ACS	AK 2/0,5	K 009 MV	MVAK 2/0,5
K 017 AA	K 013 AA	E 007 AA	SMF 3/1,5	K 017 ACS	AK 3/1,5	K 017 MV	MVAK 3/1,5
K 030 AA	K 025 AA	E 011 AA	SMF 4/1,5	K 030 ACS	AK 4/1,5	K 030 MV	MVAK 4/1,5
K 058 AA	K 040 AA	E 035 AA	SMF 6/2,5	K 058 ACS	AK 6/2,5	K 058 MV	MVAK 6/2,5
K 145 AA	K 085 AA	E 65 AA / E 060 AA	SMF 10/2,5	K 145 ACS	AK 10/2,5	K 145 MV	MVAK 10/2,5
K 220 AA	K 195 AA	E 120 AA	SMF 12/3 2"S	K 220 ACS	AK 12/3 2"S	K 220 MV	MVAK 12/3 2"S
K 330 AA	K 295 AA	E 250 AA / E 200 AA	SMF 24/3 2"S	K 330 ACS	AK 24/3 2"S	K 330 MV	MVAK 24/3 2"S
K 430 AA	K 400 AA	N/A	SMF 15/4 21/2"S	K 430 ACS	AK 15/4 21/2"S	K 430 MV	MVAK 15/4 21/2"S
K 620 AA	K 500 AA	E 360 AA / E 300 AA	SMF 24/4 21/2"S	K 620 ACS	AK 24/4 21/2"S	K 620 MV	MVAK 24/4 21/2"S

* Valid if ''SMF'' filter cartridge is installed upstream.

DOMNICK HUNTER

Plastic & Aluminum end caps

	AC	HC	AC
			
Particle retention	0,1 µm	0,1 µm	0,1 µm
Solids - q. class (ISO 8573-1)	2*	2*	2*
Oils -q. class (ISO 8573-1)	0/1	-	0/1
Filter media	activated carbon pellets & wound, borosilicate micro fibres, polyamide end caps	Hopcalite pellets, borosilicate micro fibres, polyamide end caps	activated carbon wound, borosilicate micro fibres, aluminum end caps
Operating temp. range [°C]	1,5 to 45	1,5 to 45	1,5 to 45

AC		HC		AC	
DOMNICK HUNTER	ultrafilter	DOMNICK HUNTER	ultrafilter	DOMNICK HUNTER	ultrafilter
Oil-x plus		Oil-x plus		Oil-x-evolution	
K 006 AC	AKK2 2/0,5	K 006 HC	OX2 2/0,5	010 AC	AK 010 AC AL
K 013 AC	AKK2 4/1,5	K 013 HC	OX2 4/1,5	015 AC	AK 015 AC AL
K 025 AC	AK 4/1,5	-	-	020 AC	AK 020 AC AL
K 040 AC	AKK2 6/2,5	K 040 HC	OX2 6/2,5	025 AC	AK 025 AC AL
K 065 AC	AK 6/2,5	-	-	025E AC	AK 025E AC AL
K 085 AC	AK 10/2,5	-	-	030 AC	AK 030 AC AL

DOMNICK HUNTER oil-x plus

Alternative Filter Elements

DOMNICK HUNTER Aluminium end caps	PF	AO
		
Particle retention	3 µm	0,1 µm
Solids - q. class (ISO 8573-1)	6	2
Oils -q. class (ISO 8573-1)	-	2
Filter media	acrylic fibres, cellulose	borosilicate micro fibres
Operating temp. range [°C]	1,5 to 65	1,5 to 65
Diff. pressure (new) [mbar]	10	50

PF				AO			
DOMNICK HUNTER			ultrafilter	DOMNICK HUNTER			ultrafilter
Oil-x plus	Oil-x	Oil-x 80		Oil-x plus	Oil-x	Oil-x 80	
K 009 PF	K 006 PF	/	VF 2/0,5 AL	K 009 AO	K 006 AO	/	MF 2/0,5 AL
K 017 PF	K 013 PF	E 007 PF	VF 3/1,5 AL	K 017 AO	K 013 AO	E 007 AO	MF 3/1,5 AL
K 030 PF	K 025 PF	E 011 PF	VF 4/1,5 AL	K 030 AO	K 025 AO	E 011 AO	MF 4/1,5 AL
K 058 PF	K 040 PF	E 035 PF	VF 6/2,5 AL	K 058 AO	K 040 AO	E 035 AO	MF 6/2,5 AL
K 145 PF	K 085 PF	E 65 PF / E 060 PF	VF 10/2,5 AL	K 145 AO	K 085 AO	E 65 AO / E 060 AO	MF 10/2,5 AL
K 220 PF	K 195 PF	E 120 PF	VF 12/3 2"S AL	K 220 AO	K 195 AO	E 120 AO	MF 12/3 2"S AL
K 330 PF	K 295 PF	E 250 PF / E 200 PF	VF 24/3 2"S AL	K 330 AO	K 295 AO	E 250 AO / E 200 AO	MF 24/3 2"S AL
K 430 PF	K 400 PF	N/A	VF 15/4 21/2"S AL	K 430 AO	K 400 AO	N/A	MF 15/4 21/2"S AL
K 620 PF	K 500 PF	E 360 PF / E 300 PF	VF 24/4 21/2"S AL	K 620 AO	K 500 AO	E 360 AO / E 300 AO	MF 24/4 21/2"S AL

DOMNICK HUNTER oil-x plus

Alternative Filter Elements

	AA	ACS
DOMNICK HUNTER **Aluminium end caps**		
Particle retention	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	2	1*
Oils -q. class (ISO 8573-1)	1	1
Filter media	borosilicate micro fibres	activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	80	60

AA				ACS	
DOMNICK HUNTER			ultrafilter	DOMNICK HUNTER	ultrafilter
Oil-x plus	Oil-x	Oil-x 80		Oil-x plus	
K 009 AA	K 006 AA	/	SMF 2/0,5 AL	K 009 ACS	AK 2/0,5 AL
K 017 AA	K 013 AA	E 007 AA	SMF 3/1,5 AL	K 017 ACS	AK 3/1,5 AL
K 030 AA	K 025 AA	E 011 AA	SMF 4/1,5 AL	K 030 ACS	AK 4/1,5 AL
K 058 AA	K 040 AA	E 035 AA	SMF 6/2,5 AL	K 058 ACS	AK 6/2,5 AL
K 145 AA	K 085 AA	E 65 AA / E 060 AA	SMF 10/2,5 AL	K 145 ACS	AK 10/2,5 AL
K 220 AA	K 195 AA	E 120 AA	SMF 12/3 2"S AL	K 220 ACS	AK 12/3 2"S AL
K 330 AA	K 295 AA	E 250 AA / E 200 AA	SMF 24/3 2"S AL	K 330 ACS	AK 24/3 2"S AL
K 430 AA	K 400 AA	N/A	SMF 15/4 21/2"S AL	K 430 ACS	AK 15/4 21/2"S AL
K 620 AA	K 500 AA	E 360 AA / E 300 AA	SMF 24/4 21/2"S AL	K 620 ACS	AK 24/4 21/2"S AL

* Valid if ''SMF'' filter cartridge is installed upstream.

DOMNICK HUNTER HT

Alternative Filter Elements

DOMNICK HUNTER Aluminium end caps	AO	AA
		
Particle retention	**0,1 µm**	**0,01 µm**
Solids - q. class (ISO 8573-1)	2	2
Oils -q. class (ISO 8573-1)	2	1
Filter media	borosilicate micro fibres	
Operating temp. range [°C]	1,5 to 65	1,5 to 65
Diff. pressure (new) [mbar]	50	80

AO		AA	
DOMNICK HUNTER	**ultrafilter**	**DOMNICK HUNTER**	**ultrafilter**
K 009 AO TS	MF 2/0,5 AL HT	**K 009 AA TS**	SMF 2/0,5 AL HT
K 01. AO TS	MF 3/1,5 AL HT	**K 01. AA TS**	SMF 3/1,5 AL HT
K 030 AO TS	MF 4/1,5 AL HT	**K 030 AA TS**	SMF 4/1,5 AL HT
K 0. 8 AO TS	MF 6/2,5 AL HT	**K 0. 8 AA TS**	SMF 6/2,5 AL HT
K 14. AO TS	MF 10/2,5 AL HT	**K 14. AA TS**	SMF 10/2,5 AL HT
K 220 AO TS	MF 12/3 2"S AL HT	**K 220 AA TS**	SMF 12/3 2"S AL HT
K 330 AO TS	MF 24/3 2"S AL HT	**K 330 AA TS**	SMF 24/3 2"S AL HT
K 430 AO TS	MF 15/4 21/2"S AL HT	**K 430 AA TS**	SMF 15/4 21/2"S AL HT
K 620 AO TS	MF 24/4 21/2"S AL HT	**K 620 AA TS**	SMF 24/4 21/2"S AL HT

DOMNICK HUNTER NH3

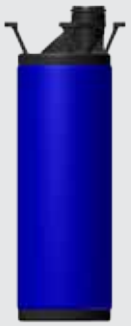
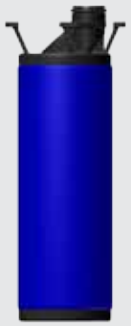
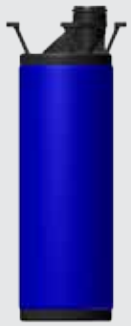
Alternative
Filter Elements

	AO	AA
DOMNICK HUNTER **Stainless steel end caps**		
Particle retention	**0,1 µm**	**0,01 µm**
Solids - q. class (ISO 8573-1)	2	2
Oils -q. class (ISO 8573-1)	2	1
Filter media	borosilicate micro fibres	
Operating temp. range [°C]	1,5 to 65	1,5 to 65
Diff. pressure (new) [mbar]	50	80

	AO		AA	
	DOMNICK HUNTER	**ultrafilter**	**DOMNICK HUNTER**	**ultrafilter**
	E 120 AO NH3	MF 12/3 2"S NH3	**E 120 AO NH3**	SMF 12/3 2"S NH3
	E 250 AO NH3	MF 24/3 21/2"S NH3	**E 250 AO NH3**	SMF 24/3 21/2"S NH3
	E 360 AO NH3	MF 24/4 21/2"S NH3	**E 360 AO NH3**	SMF 24/4 21/2"S NH3

DONALDSON DF

Alternative Filter Elements

DONALDSON DF Plastic end caps	P	V	M	S	A
					
Particle retention	**3 µm**	**1 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	3	2	2	1*
Oils -q. class (ISO 8573-1)	-	-	2	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres			activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	20	50	80	60

P		V		M		S		A	
DONALDSON	**ultrafilter**	**DONALDSON**	**ultrafilter**	**DONALDSON**	**ultrafilter**	**DONALDSON**	**ultrafilter**	**DONALDSON**	**ultrafilter**
DF P 0035	VF 0035	**DF V 0035**	FF 0035	**DF M 0035**	MF 0035	**DF S 0035**	SMF 0035	**DF A 0035**	AK 0035
DF P 0070	VF 0070	**DF V 0070**	FF 0070	**DF M 0070**	MF 0070	**DF S 0070**	SMF 0070	**DF A 0070**	AK 0070
DF P 0120	VF 0120	**DF V 0120**	FF 0120	**DF M 0120**	MF 0120	**DF S 0120**	SMF 0120	**DF A 0120**	AK 0120
DF P 0210	VF 0210	**DF V 0210**	FF 0210	**DF M 0210**	MF 0210	**DF S 0210**	SMF 0210	**DF A 0210**	AK 0210
DF P 0320	VF 0320	**DF V 0320**	FF 0320	**DF M 0320**	MF 0320	**DF S 0320**	SMF 0320	**DF A 0320**	AK 0320
DF P 0450	VF 0450	**DF V 0450**	FF 0450	**DF M 0450**	MF 0450	**DF S 0450**	SMF 0450	**DF A 0450**	AK 0450
DF P 0600	VF 0600	**DF V 0600**	FF 0600	**DF M 0600**	MF 0600	**DF S 0600**	SMF 0600	**DF A 0600**	AK 0600
DF P 0750	VF 0750	**DF V 0750**	FF 0750	**DF M 0750**	MF 0750	**DF S 0750**	SMF 0750	**DF A 0750**	AK 0750
DF P 1100	VF 1100	**DF V 1100**	FF 1100	**DF M 1100**	MF 1100	**DF S 1100**	SMF 1100	**DF A 1100**	AK 1100

*Valid if ''SMF'' filter cartridge is installed upstream.

DONALDSON '90 series

Alternative Filter Elements

DONALDSON '90 SERIES Plastic end caps	SB	PE	PE	FF
				
Particle retention	**25 µm**	**25 µm**	**3 µm**	**1 µm**
Solids - q. class (ISO 8573-1)	-	-	6	3
Oils -q. class (ISO 8573-1)	-	-	-	2
Filter media	sintered brass	sintered polyethilene	acrylic fibres, cellulose	borosilicate micro fibres
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 65
Diff. pressure (new) [mbar]	20	10	10	50

SB		PE		PE		FF	
DONALDSON	**ultrafilter**	**DONALDSON**	**ultrafilter**	**DONALDSON**	**ultrafilter**	**DONALDSON**	**ultrafilter**
SB 02/05	SB 02/05	**PE 02/05**	PE 02/05	**PE 02/05**	VF 02/05	**FF 02/05**	FF 02/05
SB 02/10	SB 03/10	**PE 02/10**	PE 03/10	**PE 02/10**	VF 03/10	**FF 02/10**	FF 03/10
SB 03/05	SB 03/05	**PE 03/05**	PE 03/05	**PE 03/05**	VF 03/05	**FF 03/05**	FF 03/05
SB 03/10	SB 03/10	**PE 03/10**	PE 03/10	**PE 03/10**	VF 03/10	**FF 03/10**	FF 03/10
SB 04/10	SB 04/10	**PE 04/10**	PE 04/10	**PE 04/10**	VF 04/10	**FF 04/10**	FF 04/10
SB 04/20	SB 04/20	**PE 04/20**	PE 04/20	**PE 04/20**	VF 04/20	**FF 04/20**	FF 04/20
SB 05/20	SB 05/20	**PE 05/20**	PE 05/20	**PE 05/20**	VF 05/20	**FF 05/20**	FF 05/20
SB 05/25	SB 05/25	**PE 05/25**	PE 05/25	**PE 05/25**	VF 05/25	**FF 05/25**	FF 05/25
SB 07/25	SB 07/25	**PE 07/25**	PE 07/25	**PE 07/25**	VF 07/25	**FF 07/25**	FF 07/25
SB 07/30	SB 07/30	**PE 07/30**	PE 07/30	**PE 07/30**	VF 07/30	**FF 07/30**	FF 07/30
SB 10/30	SB 10/30	**PE 10/30**	PE 10/30	**PE 10/30**	VF 10/30	**FF 10/30**	FF 10/30
SB 15/30	SB 15/30	**PE 15/30**	PE 15/30	**PE 15/30**	VF 15/30	**FF 15/30**	FF 15/30
SB 20/30	SB 20/30	**PE 20/30**	PE 20/30	**PE 20/30**	VF 20/30	**FF 20/30**	FF 20/30
SB 30/30	SB 30/30	**PE 30/30**	PE 30/30	**PE 30/30**	VF 30/30	**FF 30/30**	FF 30/30
SB 30/50	SB 30/50	**PE 30/50**	PE 30/50	**PE 30/50**	VF 30/50	**FF 30/50**	FF 30/50

DONALDSON '90 series

Alternative Filter Elements

MF	SMF	AK
		
0,1 µm	**0,01 µm**	**activated carbon**
2	2	1*
1	1	1
		activated carbon
1,5 to 65	1,5 to 65	1,5 to 45
70	80	60

MF		SMF		AK	
DONALDSON	**ultrafilter**	**DONALDSON**	**ultrafilter**	**DONALDSON**	**ultrafilter**
MF 02/05	MF 02/05	**SMF 02/05**	SMF 02/05	**AK 02/05**	AK 02/05
MF 02/10	MF 03/10	**SMF 02/10**	SMF 03/10	**AK 02/10**	AK 03/10
MF 03/05	MF 03/05	**SMF 03/05**	SMF 03/05	**AK 03/05**	AK 03/05
MF 03/10	MF 03/10	**SMF 03/10**	SMF 03/10	**AK 03/10**	AK 03/10
MF 04/10	MF 04/10	**SMF 04/10**	SMF 04/10	**AK 04/10**	AK 04/10
MF 04/20	MF 04/20	**SMF 04/20**	SMF 04/20	**AK 04/20**	AK 04/20
MF 05/20	MF 05/20	**SMF 05/20**	SMF 05/20	**AK 05/20**	AK 05/20
MF 05/25	MF 05/25	**SMF 05/25**	SMF 05/25	**AK 05/25**	AK 05/25
MF 07/25	MF 07/25	**SMF 07/25**	SMF 07/25	**AK 07/25**	AK 07/25
MF 07/30	MF 07/30	**SMF 07/30**	SMF 07/30	**AK 07/30**	AK 07/30
MF 10/30	MF 10/30	**SMF 10/30**	SMF 10/30	**AK 10/30**	AK 10/30
MF 15/30	MF 15/30	**SMF 15/30**	SMF 15/30	**AK 15/30**	AK 15/30
MF 20/30	MF 20/30	**SMF 20/30**	SMF 20/30	**AK 20/30**	AK 20/30
MF 30/30	MF 30/30	**SMF 30/30**	SMF 30/30	**AK 30/30**	AK 30/30
MF 30/50	MF 30/50	**SMF 30/50**	SMF 30/50	**AK 30/50**	AK 30/50

*Valid if ''SMF'' filter cartridge is installed upstream.


ULTRAFILTER
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DONALDSON '90 series

Alternative Filter Elements

DONALDSON '90 SERIES Aluminium end caps	SB	PE	PE	FF
				
Particle retention	**25 µm**	**25 µm**	**3 µm**	**0,1 µm**
Solids - q. class (ISO 8573-1)	-	-	6	2
Oils -q. class (ISO 8573-1)	-	-	-	2
Filter media	sintered brass	sintered polyethilene	acrylic fibres, cellulose	borosilicate micro fibres
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 65
Diff. pressure (new) [mbar]	20	10	10	50

SB		PE		PE		FF	
DONALDSON	ultrafilter	DONALDSON	ultrafilter	DONALDSON	ultrafilter	DONALDSON	ultrafilter
SB 02/05	SB 02/05 AL	**PE 02/05**	PE 02/05 AL	**PE 02/05**	VF 02/05 AL	**FF 02/05**	FF 02/05 AL
SB 02/10	SB 03/10 AL	**PE 02/10**	PE 03/10 AL	**PE 02/10**	VF 03/10 AL	**FF 02/10**	FF 03/10 AL
SB 03/05	SB 03/05 AL	**PE 03/05**	PE 03/05 AL	**PE 03/05**	VF 03/05 AL	**FF 03/05**	FF 03/05 AL
SB 03/10	SB 03/10 AL	**PE 03/10**	PE 03/10 AL	**PE 03/10**	VF 03/10 AL	**FF 03/10**	FF 03/10 AL
SB 04/10	SB 04/10 AL	**PE 04/10**	PE 04/10 AL	**PE 04/10**	VF 04/10 AL	**FF 04/10**	FF 04/10 AL
SB 04/20	SB 04/20 AL	**PE 04/20**	PE 04/20 AL	**PE 04/20**	VF 04/20 AL	**FF 04/20**	FF 04/20 AL
SB 05/20	SB 05/20 AL	**PE 05/20**	PE 05/20 AL	**PE 05/20**	VF 05/20 AL	**FF 05/20**	FF 05/20 AL
SB 05/25	SB 05/25 AL	**PE 05/25**	PE 05/25 AL	**PE 05/25**	VF 05/25 AL	**FF 05/25**	FF 05/25 AL
SB 07/25	SB 07/25 AL	**PE 07/25**	PE 07/25 AL	**PE 07/25**	VF 07/25 AL	**FF 07/25**	FF 07/25 AL
SB 07/30	SB 07/30 AL	**PE 07/30**	PE 07/30 AL	**PE 07/30**	VF 07/30 AL	**FF 07/30**	FF 07/30 AL
SB 10/30	SB 10/30 AL	**PE 10/30**	PE 10/30 AL	**PE 10/30**	VF 10/30 AL	**FF 10/30**	FF 10/30 AL
SB 15/30	SB 15/30 AL	**PE 15/30**	PE 15/30 AL	**PE 15/30**	VF 15/30 AL	**FF 15/30**	FF 15/30 AL
SB 20/30	SB 20/30 AL	**PE 20/30**	PE 20/30 AL	**PE 20/30**	VF 20/30 AL	**FF 20/30**	FF 20/30 AL
SB 30/30	SB 30/30 AL	**PE 30/30**	PE 30/30 AL	**PE 30/30**	VF 30/30 AL	**FF 30/30**	FF 30/30 AL
SB 30/50	SB 30/50 AL	**PE 30/50**	PE 30/50 AL	**PE 30/50**	VF 30/50 AL	**FF 30/50**	FF 30/50 AL

DONALDSON '90 series

Alternative Filter Elements

MF	SMF	AK
		
0,1 µm	**0,01 µm**	**activated carbon**
2	2	1*
1	1	1
		activated carbon
1,5 to 65	1,5 to 65	1,5 to 45
70	80	60

MF		SMF		AK	
DONALDSON	**ultrafilter**	**DONALDSON**	**ultrafilter**	**DONALDSON**	**ultrafilter**
MF 02/05	MF 02/05 AL	**SMF 02/05**	SMF 02/05 AL	**AK 02/05**	AK 02/05 AL
MF 02/10	MF 03/10 AL	**SMF 02/10**	SMF 03/10 AL	**AK 02/10**	AK 03/10 AL
MF 03/05	MF 03/05 AL	**SMF 03/05**	SMF 03/05 AL	**AK 03/05**	AK 03/05 AL
MF 03/10	MF 03/10 AL	**SMF 03/10**	SMF 03/10 AL	**AK 03/10**	AK 03/10 AL
MF 04/10	MF 04/10 AL	**SMF 04/10**	SMF 04/10 AL	**AK 04/10**	AK 04/10 AL
MF 04/20	MF 04/20 AL	**SMF 04/20**	SMF 04/20 AL	**AK 04/20**	AK 04/20 AL
MF 05/20	MF 05/20 AL	**SMF 05/20**	SMF 05/20 AL	**AK 05/20**	AK 05/20 AL
MF 05/25	MF 05/25 AL	**SMF 05/25**	SMF 05/25 AL	**AK 05/25**	AK 05/25 AL
MF 07/25	MF 07/25 AL	**SMF 07/25**	SMF 07/25 AL	**AK 07/25**	AK 07/25 AL
MF 07/30	MF 07/30 AL	**SMF 07/30**	SMF 07/30 AL	**AK 07/30**	AK 07/30 AL
MF 10/30	MF 10/30 AL	**SMF 10/30**	SMF 10/30 AL	**AK 10/30**	AK 10/30 AL
MF 15/30	MF 15/30 AL	**SMF 15/30**	SMF 15/30 AL	**AK 15/30**	AK 15/30 AL
MF 20/30	MF 20/30 AL	**SMF 20/30**	SMF 20/30 AL	**AK 20/30**	AK 20/30 AL
MF 30/30	MF 30/30 AL	**SMF 30/30**	SMF 30/30 AL	**AK 30/30**	AK 30/30 AL
MF 30/50	MF 30/50 AL	**SMF 30/50**	SMF 30/50 AL	**AK 30/50**	AK 30/50 AL

* Valid if ''SMF'' filter cartridge is installed upstream.

DONALDSON '80 series

Alternative Filter Elements

DONALDSON '80 SERIES Aluminium end caps	PE	FF	MF
			
Particle retention	**3 µm**	**0,1 µm**	**0,1 µm**
Solids - q. class (ISO 8573-1)	6	2	2
Oils -q. class (ISO 8573-1)	-	2	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres	
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65
Diff. pressure (new) [mbar]	10	50	70

PE		FF		MF	
DONALDSON	**ultrafilter**	**DONALDSON**	**ultrafilter**	**DONALDSON**	**ultrafilter**
PE 03/1	VF 3/1 AL	**FF 03/1**	FF 3/1 AL	**MF 03/1**	MF 3/1 AL
PE 03/1,5	VF 3/1,5 AL	**FF 03/1,5**	FF 3/1,5 AL	**MF 03/1,5**	MF 3/1,5 AL
PE 04/1,5	VF 4/1,5 AL	**FF 04/1,5**	FF 4/1,5 AL	**MF 04/1,5**	MF 4/1,5 AL
PE 04/2,5	VF 4/2,5 AL	**FF 04/2,5**	FF 4/2,5 AL	**MF 04/2,5**	MF 4/2,5 AL
PE 05/2,5	VF 5/2,5 AL	**FF 05/2,5**	FF 5/2,5 AL	**MF 05/2,5**	MF 5/2,5 AL
PE 05/3	VF 5/3 AL	**FF 05/3**	FF 5/3 AL	**MF 05/3**	MF 5/3 AL
PE 10/3	VF 10/3 AL	**FF 10/3**	FF 10/3 AL	**MF 10/3**	MF 10/3 AL
PE 15/3	VF 15/3 AL	**FF 15/3**	FF 15/3 AL	**MF 15/3**	MF 15/3 AL
PE 20/3	VF 20/3 AL	**FF 20/3**	FF 20/3 AL	**MF 20/3**	MF 20/3 AL
PE 30/3	VF 30/3 AL	**FF 30/3**	FF 30/3 AL	**MF 30/3**	MF 30/3 AL
PE 30/5	VF 30/5 AL	**FF 30/5**	FF 30/5 AL	**MF 30/5**	MF 30/5 AL

DONALDSON '80 series

Alternative
Filter Elements

SMF	AK
	
0,01 µm	**activated carbon**
2	1*
1	1
	activated carbon
1,5 to 65	1,5 to 45
80	60

SMF		AK	
DONALDSON	**ultrafilter**	**DONALDSON**	**ultrafilter**
SMF 03/1	SMF 3/1 AL	**AK 03/1**	AK 3/1 AL
SMF 03/1,5	SMF 3/1,5 AL	**AK 03/1,5**	AK 3/1,5 AL
SMF 04/1,5	SMF 4/1,5 AL	**AK 04/1,5**	AK 4/1,5 AL
SMF 04/2,5	SMF 4/2,5 AL	**AK 04/2,5**	AK 4/2,5 AL
SMF 05/2,5	SMF 5/2,5 AL	**AK 05/2,5**	AK 5/2,5 AL
SMF 05/3	SMF 5/3 AL	**AK 05/3**	AK 5/3 AL
SMF 10/3	SMF 10/3 AL	**AK 10/3**	AK 10/3 AL
SMF 15/3	SMF 15/3 AL	**AK 15/3**	AK 15/3 AL
SMF 20/3	SMF 20/3 AL	**AK 20/3**	AK 20/3 AL
SMF 30/3	SMF 30/3 AL	**AK 30/3**	AK 30/3 AL
SMF 30/5	SMF 30/5 AL	**AK 30/5**	AK 30/5 AL

* Valid if ''SMF'' filter cartridge is installed upstream.

DONALDSON

Alternative Silicone and Grease Free Filter Elements

DONALDSON Silicone and grease free plastic end cap	PEP	FFP	MFP
			
Particle retention	**3 µm**	**0,1 µm**	**0,1 µm**
Solids - q. class (ISO 8573-1)	6	2	2
Oils -q. class (ISO 8573-1)	-	2	2
Filter media	acrylic fibres, cellulose	borosilicate micro fibres	
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65
Diff. pressure (new) [mbar]	10	50	50

PEP		FFP		MFP	
DONALDSON	**ultrafilter**	**DONALDSON**	**ultrafilter**	**DONALDSON**	**ultrafilter**
PEP 02/05	VFP 02/05	**FFP 02/05**	FFP 02/05	**MFP 02/05**	MFP 02/05
PEP 03/05	VFP 03/05	**FFP 03/05**	FFP 03/05	**MFP 03/05**	MFP 03/05
PEP 03/10	VFP 03/10	**FFP 03/10**	FFP 03/10	**MFP 03/10**	MFP 03/10
PEP 04/10	VFP 04/10	**FFP 04/10**	FFP 04/10	**MFP 04/10**	MFP 04/10
PEP 04/20	VFP 04/20	**FFP 04/20**	FFP 04/20	**MFP 04/20**	MFP 04/20
PEP 05/20	VFP 05/20	**FFP 05/20**	FFP 05/20	**MFP 05/20**	MFP 05/20
PEP 05/25	VFP 05/25	**FFP 05/25**	FFP 05/25	**MFP 05/25**	MFP 05/25
PEP 07/25	VFP 07/25	**FFP 07/25**	FFP 07/25	**MFP 07/25**	MFP 07/25
PEP 07/30	VFP 07/30	**FFP 07/30**	FFP 07/30	**MFP 07/30**	MFP 07/30
PEP 10/30	VFP 10/30	**FFP 10/30**	FFP 10/30	**MFP 10/30**	MFP 10/30
PEP 15/30	VFP 15/30	**FFP 15/30**	FFP 15/30	**MFP 15/30**	MFP 15/30
PEP 20/30	VFP 20/30	**FFP 20/30**	FFP 20/30	**MFP 20/30**	MFP 20/30
PEP 30/30	VFP 30/30	**FFP 30/30**	FFP 30/30	**MFP 30/30**	MFP 30/30
PEP 30/50	VFP 30/50	**FFP 30/50**	FFP 30/50	**MFP 30/50**	MFP 30/50

DONALDSON

Alternative Silicone and Grease Free Filter Elements

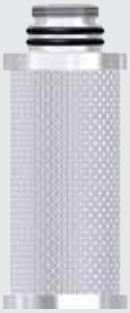
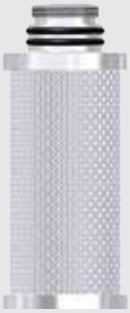
SMFP	AKP
	
0,01 µm	**activated carbon**
2	1*
1	1
borosilicate micro fibres	activated carbon
1,5 to 65	1,5 to 45
80	60

SMFP		AKP	
DONALDSON	**ultrafilter**	**DONALDSON**	**ultrafilter**
SMFP 02/05	SMFP 02/05	**AKP 02/05**	AKP 02/05
SMFP 03/05	SMFP 03/05	**AKP 03/05**	AKP 03/05
SMFP 03/10	SMFP 03/10	**AKP 03/10**	AKP 03/10
SMFP 04/10	SMFP 04/10	**AKP 04/10**	AKP 04/10
SMFP 04/20	SMFP 04/20	**AKP 04/20**	AKP 04/20
SMFP 05/20	SMFP 05/20	**AKP 05/20**	AKP 05/20
SMFP 05/25	SMFP 05/25	**AKP 05/25**	AKP 05/25
SMFP 07/25	SMFP 07/25	**AKP 07/25**	AKP 07/25
SMFP 07/30	SMFP 07/30	**AKP 07/30**	AKP 07/30
SMFP 10/30	SMFP 10/30	**AKP 10/30**	AKP 10/30
SMFP 15/30	SMFP 15/30	**AKP 15/30**	AKP 15/30
SMFP 20/30	SMFP 20/30	**AKP 20/30**	AKP 20/30
SMFP 30/30	SMFP 30/30	**AKP 30/30**	AKP 30/30
SMFP 30/50	SMFP 30/50	**AKP 30/50**	AKP 30/50

* Valid if ''SMF'' filter cartridge is installed upstream.

DONALDSON

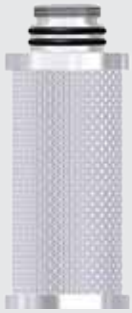
Alternative Silicone and Grease Free Filter Elements

DONALDSON Silicone and grease free aluminium end cap	PEP	FFP	MFP
			
Particle retention	**3 µm**	**0,1 µm**	**0,1 µm**
Solids - q. class (ISO 8573-1)	6	2	2
Oils -q. class (ISO 8573-1)	-	2	2
Filter media	acrylic fibres, cellulose	borosilicate micro fibres	
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65
Diff. pressure (new) [mbar]	10	50	50

PEP		FFP		MFP	
DONALDSON	**ultrafilter**	**DONALDSON**	**ultrafilter**	**DONALDSON**	**ultrafilter**
PEP 02/05	VFP 02/05 AL	**FFP 02/05**	FFP 02/05 AL	**MFP 02/05**	MFP 02/05 AL
PEP 03/05	VFP 03/05 AL	**FFP 03/05**	FFP 03/05 AL	**MFP 03/05**	MFP 03/05 AL
PEP 03/10	VFP 03/10 AL	**FFP 03/10**	FFP 03/10 AL	**MFP 03/10**	MFP 03/10 AL
PEP 04/10	VFP 04/10 AL	**FFP 04/10**	FFP 04/10 AL	**MFP 04/10**	MFP 04/10 AL
PEP 04/20	VFP 04/20 AL	**FFP 04/20**	FFP 04/20 AL	**MFP 04/20**	MFP 04/20 AL
PEP 05/20	VFP 05/20 AL	**FFP 05/20**	FFP 05/20 AL	**MFP 05/20**	MFP 05/20 AL
PEP 05/25	VFP 05/25 AL	**FFP 05/25**	FFP 05/25 AL	**MFP 05/25**	MFP 05/25 AL
PEP 07/25	VFP 07/25 AL	**FFP 07/25**	FFP 07/25 AL	**MFP 07/25**	MFP 07/25 AL
PEP 07/30	VFP 07/30 AL	**FFP 07/30**	FFP 07/30 AL	**MFP 07/30**	MFP 07/30 AL
PEP 10/30	VFP 10/30 AL	**FFP 10/30**	FFP 10/30 AL	**MFP 10/30**	MFP 10/30 AL
PEP 15/30	VFP 15/30 AL	**FFP 15/30**	FFP 15/30 AL	**MFP 15/30**	MFP 15/30 AL
PEP 20/30	VFP 20/30 AL	**FFP 20/30**	FFP 20/30 AL	**MFP 20/30**	MFP 20/30 AL
PEP 30/30	VFP 30/30 AL	**FFP 30/30**	FFP 30/30 AL	**MFP 30/30**	MFP 30/30 AL
PEP 30/50	VFP 30/50 AL	**FFP 30/50**	FFP 30/50 AL	**MFP 30/50**	MFP 30/50 AL

DONALDSON

Alternative Silicone and Grease Free Filter Elements

SMFP	AKP
	
0,01 µm	**activated carbon**
2	1*
1	1
borosilicate micro fibres	activated carbon
1,5 to 65	1,5 to 45
80	60

SMFP		AKP	
DONALDSON	**ultrafilter**	**DONALDSON**	**ultrafilter**
SMFP 02/05	SMFP 02/05 AL	**AKP 02/05**	AKP 02/05 AL
SMFP 03/05	SMFP 03/05 AL	**AKP 03/05**	AKP 03/05 AL
SMFP 03/10	SMFP 03/10 AL	**AKP 03/10**	AKP 03/10 AL
SMFP 04/10	SMFP 04/10 AL	**AKP 04/10**	AKP 04/10 AL
SMFP 04/20	SMFP 04/20 AL	**AKP 04/20**	AKP 04/20 AL
SMFP 05/20	SMFP 05/20 AL	**AKP 05/20**	AKP 05/20 AL
SMFP 05/25	SMFP 05/25 AL	**AKP 05/25**	AKP 05/25 AL
SMFP 07/25	SMFP 07/25 AL	**AKP 07/25**	AKP 07/25 AL
SMFP 07/30	SMFP 07/30 AL	**AKP 07/30**	AKP 07/30 AL
SMFP 10/30	SMFP 10/30 AL	**AKP 10/30**	AKP 10/30 AL
SMFP 15/30	SMFP 15/30 AL	**AKP 15/30**	AKP 15/30 AL
SMFP 20/30	SMFP 20/30 AL	**AKP 20/30**	AKP 20/30 AL
SMFP 30/30	SMFP 30/30 AL	**AKP 30/30**	AKP 30/30 AL
SMFP 30/50	SMFP 30/50 AL	**AKP 30/50**	AKP 30/50 AL

* Valid if ''SMF'' filter cartridge is installed upstream.

DONALDSON

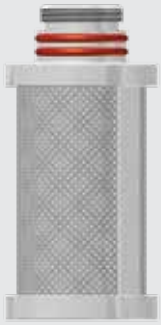
Alternative
Sterile / Vent Filter Elements

DONALDSON STERILE Stainless steel end caps 1.4301 (304)	P-SRF	P-BE
		
Particle retention	**0,01 µm**	**0,01 µm**
Solids - q. class (ISO 8573-1)	2	2
Oils -q. class (ISO 8573-1)	-	-
Filter media	borosilicate micro fibres	
Operating temp. range [°C]	-20 to 150	-20 to 150
Diff. pressure (new) [mbar]	80 mbar	80 mbar

P-SRF				P-BE	
DONALDSON	ZANDER	DOMNICK HUNTER	ultrafilter	DONALDSON	ultrafilter
P-SRF 02/10	PST-R 02/10	ME 02/10	P-SRF 02/10	P-BE 03/10	P-BE 03/10
P-SRF 03/10	PST-R 03/10	ME 03/10	P-SRF 03/10	P-BE 05/25	P-BE 05/25
P-SRF 04/10	PST-R 04/10	ME 04/10	P-SRF 04/10	P-BE 05/30	P-BE 05/30
P-SRF 04/20	PST-R 04/20	ME 04/20	P-SRF 04/20	P-BE 10/30	P-BE 10/30
P-SRF 05/20	PST-R 05/20	ME 05/20	P-SRF 05/20	P-BE 20/30	P-BE 20/30
P-SRF 05/25	PST-R 05/25	ME 05/25	P-SRF 05/25	P-BE 30/30	P-BE 30/30
P-SRF 07/25	PST-R 07/25	ME 07/25	P-SRF 07/25		
P-SRF 05/30	PST-R 05/30	ME 05/30	P-SRF 05/30		
P-SRF 07/30	PST-R 07/30	ME 07/30	P-SRF 07/30		
P-SRF 10/30	PST-R 10/30	ME 10/30	P-SRF 10/30		
P-SRF 15/30	PST-R 15/30	ME 15/30	P-SRF 15/30		
P-SRF 20/30	PST-R 20/30	ME 20/30	P-SRF 20/30		
P-SRF 30/30	PST-R 30/30	ME 30/30	P-SRF 30/30		
P-SRF 30/50	PST-R 30/50	ME 30/50	P-SRF 30/50		

DONALDSON

Alternative
Sterile / Vent Filter Elements

DONALDSON STERILE Stainless steel end caps 1.4301 (304)	SRF (90' series)	SRF (80' series)
		
Particle retention	**0,01 µm**	**0,01 µm**
Solids - q. class (ISO 8573-1)	2	2
Oils -q. class (ISO 8573-1)	-	-
Filter media	borosilicate micro fibres	
Operating temp. range [°C]	-20 to 150	-20 to 150
Diff. pressure (new) [mbar]	80 mbar	80 mbar

SRF (90' series)				SRF (80' series)			
DONALDSON	ZANDER	DOMNICK HUNTER	ultrafilter	DONALDSON	ZANDER	DOMNICK HUNTER	ultrafilter
SRF 02/10	**ST-R 02/10**	**MER 02/10**	SRF 02/10	**SRF 3/1**	**ST-R 3/1**	ME 3/1	SRF 3/1
SRF 03/10	**ST-R 03/10**	**MER 03/10**	SRF 03/10	**SRF 3/1,5**	**ST-R 3/1,5**	ME 3/1,5	SRF 3/1,5
SRF 04/10	**ST-R 04/10**	**MER 04/10**	SRF 04/10	**SRF 4/1,5**	**ST-R 4/1,5**	ME 4/1,5	SRF 4/1,5
SRF 04/20	**ST-R 04/20**	**MER 04/20**	SRF 04/20	**SRF 4/2,5**	**ST-R 4/2,5**	ME 4/2,5	SRF 4/2,5
SRF 05/20	**ST-R 05/20**	**MER 05/20**	SRF 05/20	**SRF 5/2,5**	**ST-R 5/2,5**	ME 5/2,5	SRF 5/2,5
SRF 05/25	**ST-R 05/25**	**MER 05/25**	SRF 05/25	**SRF 5/3**	**ST-R 5/3**	ME 5/3	SRF 5/3
SRF 07/25	**ST-R 07/25**	**MER 07/25**	SRF 07/25	**SRF 10/3**	**ST-R 10/3**	ME 10/3	SRF 10/3
SRF 05/30	**ST-R 05/30**	**MER 05/30**	SRF 05/30	**SRF 15/3**	**ST-R 15/3**	ME 15/3	SRF 15/3
SRF 07/30	**ST-R 07/30**	**MER 07/30**	SRF 07/30	**SRF 20/3**	**ST-R 20/3**	ME 20/3	SRF 20/3
SRF 10/30	**ST-R 10/30**	**MER 10/30**	SRF 10/30	**SRF 30/3**	**ST-R 30/3**	ME 30/3	SRF 30/3
SRF 15/30	**ST-R 15/30**	**MER 15/30**	SRF 15/30	**SRF 30/5**	**ST-R 30/5**	ME 30/5	SRF 30/5
SRF 20/30	**ST-R 20/30**	**MER 20/30**	SRF 20/30				
SRF 30/30	**ST-R 30/30**	**MER 30/30**	SRF 30/30				
SRF 30/50	**ST-R 30/50**	**MER 30/50**	SRF 30/50				

DONALDSON

ULTRAFILTER
THE FILTRATION MANUFACTURER

Alternative
Process Filter Elements

DONALDSON PROCESS Stainless steel end caps 1.4301 (304)	P-SM (25 µm)	P-SM (5 µm)	P-GS (25 µm)
			
Particle retention	25 µm	5 µm	25 µm
Solids - q. class (ISO 8573-1)	-	-	-
Oils -q. class (ISO 8573-1)	-	-	-
Filter media	stainless steel mesh		sintered inox
Operating temp. range [°C]	0 to 150	0 to 150	0 to 150
Diff. pressure (new) [mbar]	10	20	15

	P-SM (25 µm)		P-SM (5 µm)		P-GS (25 µm)	
	DONALDSON	ultrafilter	DONALDSON	ultrafilter	DONALDSON	ultrafilter
	P-SM 02/05 25 µm	P-SM 02/05 25 µm	**P-SM 02/05 5 µm**	P-SM 02/05 5 µm		
	P-SM 03/05 25 µm	P-SM 03/05 25 µm	**P-SM 03/05 5 µm**	P-SM 03/05 5 µm		
	P-SM 03/10 25 µm	P-SM 03/10 25 µm	**P-SM 03/10 5 µm**	P-SM 03/10 5 µm	**P-GS 03/10 25 µm**	P-GS 03/10 25 µm
	P-SM 04/10 25 µm	P-SM 04/10 25 µm	**P-SM 04/10 5 µm**	P-SM 04/10 5 µm	**P-GS 04/10 25 µm**	P-GS 04/10 25 µm
	P-SM 04/20 25 µm	P-SM 04/20 25 µm	**P-SM 04/20 5 µm**	P-SM 04/20 5 µm	**P-GS 04/20 25 µm**	P-GS 04/20 25 µm
	P-SM 05/20 25 µm	P-SM 05/20 25 µm	**P-SM 05/20 5 µm**	P-SM 05/20 5 µm	**P-GS 05/20 25 µm**	P-GS 05/20 25 µm
	P-SM 05/25 25 µm	P-SM 05/25 25 µm	**P-SM 05/25 5 µm**	P-SM 05/25 5 µm	**P-GS 05/25 25 µm**	P-GS 05/25 25 µm
	P-SM 07/25 25 µm	P-SM 07/25 25 µm	**P-SM 07/25 5 µm**	P-SM 07/25 5 µm	**P-GS 07/25 25 µm**	P-GS 07/25 25 µm
	P-SM 07/30 25 µm	P-SM 07/30 25 µm	**P-SM 07/30 5 µm**	P-SM 07/30 5 µm	**P-GS 07/30 25 µm**	P-GS 07/30 25 µm
	P-SM 10/30 25 µm	P-SM 10/30 25 µm	**P-SM 10/30 5 µm**	P-SM 10/30 5 µm	**P-GS 10/30 25 µm**	P-GS 10/30 25 µm
	P-SM 15/30 25 µm	P-SM 15/30 25 µm	**P-SM 15/30 5 µm**	P-SM 15/30 5 µm	**P-GS 15/30 25 µm**	P-GS 15/30 25 µm
	P-SM 20/30 25 µm	P-SM 20/30 25 µm	**P-SM 20/30 5 µm**	P-SM 20/30 5 µm	**P-GS 20/30 25 µm**	P-GS 20/30 25 µm
	P-SM 30/30 25 µm	P-SM 30/30 25 µm	**P-SM 30/30 5 µm**	P-SM 30/30 5 µm	**P-GS 30/30 25 µm**	P-GS 30/30 25 µm
	P-SM 30/30 25 µm	P-SM 30/30 25 µm	**P-SM 30/30 5 µm**	P-SM 30/30 5 µm	**P-GS 30/30 25 µm**	P-GS 30/30 25 µm

DONALDSON

Alternative
Process Filter Elements

DONALDSON PROCESS Stainless steel end caps 1.4301 (304)	P-GS (1 µm)	P-GS/VE (25 µm)	P-GS/VE (1 µm)
			
Particle retention	1 µm	25 µm	1 µm
Solids - q. class (ISO 8573-1)	-	-	-
Oils -q. class (ISO 8573-1)	-	-	-
Filter media	sintered inox		
Operating temp. range [°C]	0 to 150	0 to 150	0 to 150
Diff. pressure (new) [mbar]	150	15	150

P-GS (1 µm)		P-GS/VE (25 µm)		P-GS/VE (1 µm)	
DONALDSON	ultrafilter	DONALDSON	ultrafilter	DONALDSON	ultrafilter
P-GS 03/10 1 µm	P-GS 03/10 1 µm	**P-GS 03/10 25 µm VE**	P-GS 03/10 25 µm VE	**P-GS 03/10 1 µm VE**	P-GS 03/10 1 µm VE
P-GS 04/10 1 µm	P-GS 04/10 1 µm	**P-GS 04/10 25 µm VE**	P-GS 04/10 25 µm VE	**P-GS 04/10 1 µm VE**	P-GS 04/10 1 µm VE
P-GS 04/20 1 µm	P-GS 04/20 1 µm	**P-GS 04/20 25 µm VE**	P-GS 04/20 25 µm VE	**P-GS 04/20 1 µm VE**	P-GS 04/20 1 µm VE
P-GS 05/20 1 µm	P-GS 05/20 1 µm	**P-GS 05/20 25 µm VE**	P-GS 05/20 25 µm VE	**P-GS 05/20 1 µm VE**	P-GS 05/20 1 µm VE
P-GS 05/25 1 µm	P-GS 05/25 1 µm	**P-GS 05/25 25 µm VE**	P-GS 05/25 25 µm VE	**P-GS 05/25 1 µm VE**	P-GS 05/25 1 µm VE
P-GS 07/25 1 µm	P-GS 07/25 1 µm	**P-GS 07/25 25 µm VE**	P-GS 07/25 25 µm VE	**P-GS 07/25 1 µm VE**	P-GS 07/25 1 µm VE
P-GS 07/30 1 µm	P-GS 07/30 1 µm	**P-GS 07/30 25 µm VE**	P-GS 07/30 25 µm VE	**P-GS 07/30 1 µm VE**	P-GS 07/30 1 µm VE
P-GS 10/30 1 µm	P-GS 10/30 1 µm	**P-GS 10/30 25 µm VE**	P-GS 10/30 25 µm VE	**P-GS 10/30 1 µm VE**	P-GS 10/30 1 µm VE
P-GS 15/30 1 µm	P-GS 15/30 1 µm	**P-GS 15/30 25 µm VE**	P-GS 15/30 25 µm VE	**P-GS 15/30 1 µm VE**	P-GS 15/30 1 µm VE
P-GS 20/30 1 µm	P-GS 20/30 1 µm	**P-GS 20/30 25 µm VE**	P-GS 20/30 25 µm VE	**P-GS 20/30 1 µm VE**	P-GS 20/30 1 µm VE
P-GS 30/30 1 µm	P-GS 30/30 1 µm	**P-GS 30/30 25 µm VE**	P-GS 30/30 25 µm VE	**P-GS 30/30 1 µm VE**	P-GS 30/30 1 µm VE
P-GS 30/50 1 µm	P-GS 30/50 1 µm	**P-GS 30/50 25 µm VE**	P-GS 30/50 25 µm VE	**P-GS 30/50 1 µm VE**	P-GS 30/50 1 µm VE

P-GS & P-GS/VE available in 5 µm on request

DONALDSON

Alternative
Process Filter Elements

DONALDSON PROCESS Stainless steel end caps 1.4301 (304)	P-SB	P-PE	P-FF
			
Particle retention	**25 µm**	**3 µm**	**0,1 µm**
Solids - q. class (ISO 8573-1)	-	6	2
Oils -q. class (ISO 8573-1)	-	-	2
Filter media	sintered brass	acrylic fibres, cellulose	borosilicate micro fibres
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65
Diff. pressure (new) [mbar]	20	10	50

P-SB		P-PE		P-FF	
DONALDSON	ultrafilter	**DONALDSON**	ultrafilter	**DONALDSON**	ultrafilter
P-SB 02/05	P-SB 02/05	**P-PE 02/05**	P-VF 02/05	**P-FF 02/05**	P-FF 02/05
P-SB 03/05	P-SB 03/05	**P-PE 03/05**	P-VF 03/05	**P-FF 03/05**	P-FF 03/05
P-SB 03/10	P-SB 03/10	**P-PE 03/10**	P-VF 03/10	**P-FF 03/10**	P-FF 03/10
P-SB 04/10	P-SB 04/10	**P-PE 04/10**	P-VF 04/10	**P-FF 04/10**	P-FF 04/10
P-SB 04/20	P-SB 04/20	**P-PE 04/20**	P-VF 04/20	**P-FF 04/20**	P-FF 04/20
P-SB 05/20	P-SB 05/20	**P-PE 05/20**	P-VF 05/20	**P-FF 05/20**	P-FF 05/20
P-SB 05/25	P-SB 05/25	**P-PE 05/25**	P-VF 05/25	**P-FF 05/25**	P-FF 05/25
P-SB 07/25	P-SB 07/25	**P-PE 07/25**	P-VF 07/25	**P-FF 07/25**	P-FF 07/25
P-SB 07/30	P-SB 07/30	**P-PE 07/30**	P-VF 07/30	**P-FF 07/30**	P-FF 07/30
P-SB 10/30	P-SB 10/30	**P-PE 10/30**	P-VF 10/30	**P-FF 10/30**	P-FF 10/30
P-SB 15/30	P-SB 15/30	**P-PE 15/30**	P-VF 15/30	**P-FF 15/30**	P-FF 15/30
P-SB 20/30	P-SB 20/30	**P-PE 20/30**	P-VF 20/30	**P-FF 20/30**	P-FF 20/30
P-SB 30/30	P-SB 30/30	**P-PE 30/30**	P-VF 30/30	**P-FF 30/30**	P-FF 30/30
P-SB 30/50	P-SB 30/50	**P-PE 30/50**	P-VF 30/50	**P-FF 30/50**	P-FF 30/50

DONALDSON

Alternative
Process Filter Elements

DONALDSON PROCESS Stainless steel end caps 1.4301 (304)	P-MF	P-SMF	P-AK
			
Particle retention	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	2	2	1*
Oils -q. class (ISO 8573-1)	2	1	1
Filter media	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	50	80	60

P-MF		P-SMF		P-AK	
DONALDSON	**ultrafilter**	**DONALDSON**	**ultrafilter**	**DONALDSON**	**ultrafilter**
P-MF 02/05	P-MF 02/05	**P-SMF 02/05**	P-SMF 02/05	**P-AK 02/05**	P-AK 02/05
P-MF 03/05	P-MF 03/05	**P-SMF 03/05**	P-SMF 03/05	**P-AK 03/05**	P-AK 03/05
P-MF 03/10	P-MF 03/10	**P-SMF 03/10**	P-SMF 03/10	**P-AK 03/10**	P-AK 03/10
P-MF 04/10	P-MF 04/10	**P-SMF 04/10**	P-SMF 04/10	**P-AK 04/10**	P-AK 04/10
P-MF 04/20	P-MF 04/20	**P-SMF 04/20**	P-SMF 04/20	**P-AK 04/20**	P-AK 04/20
P-MF 05/20	P-MF 05/20	**P-SMF 05/20**	P-SMF 05/20	**P-AK 05/20**	P-AK 05/20
P-MF 05/25	P-MF 05/25	**P-SMF 05/25**	P-SMF 05/25	**P-AK 05/25**	P-AK 05/25
P-MF 07/25	P-MF 07/25	**P-SMF 07/25**	P-SMF 07/25	**P-AK 07/25**	P-AK 07/25
P-MF 07/30	P-MF 07/30	**P-SMF 07/30**	P-SMF 07/30	**P-AK 07/30**	P-AK 07/30
P-MF 10/30	P-MF 10/30	**P-SMF 10/30**	P-SMF 10/30	**P-AK 10/30**	P-AK 10/30
P-MF 15/30	P-MF 15/30	**P-SMF 15/30**	P-SMF 15/30	**P-AK 15/30**	P-AK 15/30
P-MF 20/30	P-MF 20/30	**P-SMF 20/30**	P-SMF 20/30	**P-AK 20/30**	P-AK 20/30
P-MF 30/30	P-MF 30/30	**P-SMF 30/30**	P-SMF 30/30	**P-AK 30/30**	P-AK 30/30
P-MF 30/50	P-MF 30/50	**P-SMF 30/50**	P-SMF 30/50	**P-AK 30/50**	P-AK 30/50

* Valid if ''SMF'' filter cartridge is installed upstream.

EKOMAK Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

	P	U	H	S	C
EKOMAK **Plastic end caps**					
Particle retention	**3 µm**	**1 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	3	2	2	1*
Oils -q. class (ISO 8573-1)	-	-	2	1	1
Filter media	acrylic fibres, cellulose		borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	20	50	80	60

P		U		H		S		C	
EKOMAK	**ultrafilter**	**EKOMAK**	**ultrafilter**	**EKOMAK**	**ultrafilter**	**EKOMAK**	**ultrafilter**	**EKOMAK**	**ultrafilter**
EP10	VF 10 P	**EU10**	FF 10 U	**EH10**	MF 10 H	**ES10**	SMF 10 S	**EC10**	AK 10 C
EP15	VF 15 P	**EU15**	FF 15 U	**EH15**	MF 15 H	**ES15**	SMF 15 S	**EC15**	AK 15 C
EP20	VF 20 P	**EU20**	FF 20 U	**EH20**	MF 20 H	**ES20**	SMF 20 S	**EC20**	AK 20 C
EP30	VF 30 P	**EU30**	FF 30 U	**EH30**	MF 30 H	**ES30**	SMF 30 S	**EC30**	AK 30 C
EP55	VF 55 P	**EU55**	FF 55 U	**EH55**	MF 55 H	**ES55**	SMF 55 S	**EC55**	AK 55 C
EP95	VF 95 P	**EU95**	FF 95 U	**EH95**	MF 95 H	**ES95**	SMF 95 S	**EC95**	AK 95 C
EP150	VF 150 P	**EU150**	FF 150 U	**EH150**	MF 150 H	**ES150**	SMF 150 S	**EC150**	AK 150 C
EP220	VF 220 P	**EU220**	FF 220 U	**EH220**	MF 220 H	**ES220**	SMF 220 S	**EC220**	AK 220 C
EP290	VF 290 P	**EU290**	FF 290 U	**EH290**	MF 290 H	**ES290**	SMF 290 S	**EC290**	AK 290 C
EP430	VF 430 P	**EU430**	FF 430 U	**EH430**	MF 430 H	**ES430**	SMF 430 S	**EC430**	AK 430 C
EP625	VF 625 P	**EU625**	FF 625 U	**EH625**	MF 625 H	**ES625**	SMF 620 S	**EC625**	AK 620 C
EP775	VF 775 P	**EU775**	FF 775 U	**EH775**	MF 775 H	**ES775**	SMF 775 S	**EC775**	AK 775 C

* Valid if ''SMF'' filter cartridge is installed upstream.

EKOMAK Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

	P	U	H	S	C
EKOMAK **Aluminium end caps**					
Particle retention	**3 µm**	**1 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	3	2	1	1*
Oils -q. class (ISO 8573-1)	-	-	2	1	1
Filter media	acrylic fibres, cellulose		borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	20	50	80	60

P		U		H		S		C	
EKOMAK	**ultrafilter**	**EKOMAK**	**ultrafilter**	**EKOMAK**	**ultrafilter**	**EKOMAK**	**ultrafilter**	**EKOMAK**	**ultrafilter**
EP10	VF 10 P AL	**EU10**	FF 10 U AL	**EH10**	MF 10 H AL	**ES10**	SMF 10 S AL	**EC10**	AK 10 C AL
EP15	VF 15 P AL	**EU15**	FF 15 U AL	**EH15**	MF 15 H AL	**ES15**	SMF 15 S AL	**EC15**	AK 15 C AL
EP20	VF 20 P AL	**EU20**	FF 20 U AL	**EH20**	MF 20 H AL	**ES20**	SMF 20 S AL	**EC20**	AK 20 C AL
EP30	VF 30 P AL	**EU30**	FF 30 U AL	**EH30**	MF 30 H AL	**ES30**	SMF 30 S AL	**EC30**	AK 30 C AL
EP55	VF 55 P AL	**EU55**	FF 55 U AL	**EH55**	MF 55 H AL	**ES55**	SMF 55 S AL	**EC55**	AK 55 C AL
EP95	VF 95 P AL	**EU95**	FF 95 U AL	**EH95**	MF 95 H AL	**ES95**	SMF 95 S AL	**EC95**	AK 95 C AL
EP150	VF 150 P AL	**EU150**	FF 150 U AL	**EH150**	MF 150 H AL	**ES150**	SMF 150 S AL	**EC150**	AK 150 C AL
EP220	VF 220 P AL	**EU220**	FF 220 U AL	**EH220**	MF 220 H AL	**ES220**	SMF 220 S AL	**EC220**	AK 220 C AL
EP290	VF 290 P AL	**EU290**	FF 290 U AL	**EH290**	MF 290 H AL	**ES290**	SMF 290 S AL	**EC290**	AK 290 C AL
EP430	VF 430 P AL	**EU430**	FF 430 U AL	**EH430**	MF 430 H AL	**ES430**	SMF 430 S AL	**EC430**	AK 430 C AL
EP625	VF 625 P AL	**EU625**	FF 625 U AL	**EH625**	MF 625 H AL	**ES625**	SMF 625 S AL	**EC625**	AK 620 C AL
EP775	VF 775 P AL	**EU775**	FF 775 U AL	**EH775**	MF 775 H AL	**ES775**	SMF 775 S AL	**EC775**	AK 775 C AL

* Valid if ''SMF'' filter cartridge is installed upstream.

FIAC Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

FIAC Plastic end caps	Q	P	D	C
				
Particle retention	**3 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	2	2	1*
Oils -q. class (ISO 8573-1)	-	2	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	50	80	60

Q		P		D		C	
FIAC	**ultrafilter**	**FIAC**	**ultrafilter**	**FIAC**	**ultrafilter**	**FIAC**	**ultrafilter**
FQ 1000	VF 1000 Q	**FP 1000**	MF 1000 P	**FD 1000**	SMF 1000 D	**FC 1000**	AK 1000 C
FQ 1300	VF 1300 Q	**FP 1300**	MF 1300 P	**FD 1300**	SMF 1300 D	**FC 1300**	AK 1300 C
FQ 2000	VF 2000 Q	**FP 2000**	MF 2000 P	**FD 2000**	SMF 2000 D	**FC 2000**	AK 2000 C
FQ 3300	VF 3300 Q	**FP 3300**	MF 3300 P	**FD 3300**	SMF 3300 D	**FC 3300**	AK 3300 C
FQ 5600	VF 5600 Q	**FP 5600**	MF 5600 P	**FD 5600**	SMF 5600 D	**FC 5600**	AK 5600 C
FQ 8600	VF 8500 Q	**FP 8600**	MF 8500 P	**FD 8600**	SMF 8500 D	**FC 8600**	AK 8500 C
FQ 13000	VF 13000 Q	**FP 13000**	MF 13000 P	**FD 13000**	SMF 13000 D	**FC 13000**	AK 13000 C
FQ 16500	VF 16500 Q	**FP 16500**	MF 16500 P	**FD 16500**	SMF 16500 D	**FC 16500**	AK 16500 C
FQ 25000	VF 25000 Q	**FP 25000**	MF 25000 P	**FD 25000**	SMF 25000 D	**FC 25000**	AK 25000 C

* Valid if ''SMF'' filter cartridge is installed upstream.

FINITE J Alternative Filter Elements

FINITE Aluminium end caps	3P	10C	7C	4C	A
					
Particle retention	**3 µm**	**1 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	3	2	2	1*
Oils -q. class (ISO 8573-1)	-	-	2	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres			activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	20	50	80	60

3P		10C		7C		4C		A	
FINITE	ultrafilter	FINITE	ultrafilter	FINITE	ultrafilter	FINITE	ultrafilter	FINITE	ultrafilter
3PJAK	VF JAK 3P AL	**10CJAK**	FF JAK 10C AL	**7CJAK**	MF JAK 7C AL	**4CJAK**	SMF JAK 4C AL	**AJAK**	AK JAK A AL
3PJBK	VF JBK 3P AL	**10CJBK**	FF JBK 10C AL	**7CJBK**	MF JBK 7C AL	**4CJBK**	SMF JBK 4C AL	**AJBK**	AK JBK A AL
3PJCK	VF JCK 3P AL	**10CJCK**	FF JCK 10C AL	**7CJCK**	MF JCK 7C AL	**4CJCK**	SMF JCK 4C AL	**AJCK**	AK JCK A AL
3PJDK	VF JDK 3P AL	**10CJDK**	FF JDK 10C AL	**7CJDK**	MF JDK 7C AL	**4CJDK**	SMF JDK 4C AL	**AJDK**	AK JDK A AL
3PJEK	VF JEK 3P AL	**10CJEK**	FF JEK 10C AL	**7CJEK**	MF JEK 7C AL	**4CJEK**	SMF JEK 4C AL	**AJEK**	AK JEK A AL

* Valid if ''SMF'' filter cartridge is installed upstream.

FINITE (old) Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

FINITE Aluminium end caps	3P	10C	7C
			
Particle retention	**3 µm**	**1 µm**	**0,1 µm**
Solids - q. class (ISO 8573-1)	6	3	2
Oils -q. class (ISO 8573-1)	-	-	2
Filter media	acrylic fibres, cellulose	borosilicate micro fibres	
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65
Diff. pressure (new) [mbar]	10	20	50

	3P		10C		7C	
	FINITE	**ultrafilter**	**FINITE**	**ultrafilter**	**FINITE**	**ultrafilter**
	3PWC 11-035	VF 11-035 3PWC AL	**10CWC 11-035**	FF 11-035 10CWC AL	**7CWC 11-035**	MF 11-035 7CWC AL
	3PWC 15-070	VF 15-070 P3WC AL	**10CWC 15-070**	FF 15-070 10CWC AL	**7CWC 15-070**	MF 15-070 7CWC AL
	3PWC 23-130	VF 23-130 3PWC AL	**10CWC 23-130**	FF 23-130 10CWC AL	**7CWC 23-130**	MF 23-130 7CWC AL

FINITE (old)

Alternative Filter Elements

4C	A
	
0,01 µm	**activated carbon**
2	1*
1	1
	activated carbon
1,5 to 65	1,5 to 45
80	60

4C		A	
FINITE	**ultrafilter**	**FINITE**	**ultrafilter**
4CWC 11-035	SMF 11-035 4CWC AL	**AWC 11-035**	AK 11-035 AWC AL
4CWC 15-070	SMF 15-070 4CWC AL	**AWC 15-070**	AK 15-070 AWC AL
4CWC 23-130	SMF 23-130 4CWC AL	**AWC 23-130**	AK 23-130 AWC AL

* Valid if ''SMF'' filter cartridge is installed upstream.

FUSHENG (new)

Alternative Filter Elements

FUSHENG (new) Plastic end caps	U	H	C
			
Particle retention	**1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	3	2	1*
Oils -q. class (ISO 8573-1)	-	1	1
Filter media	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	20	80	60

U		H		C	
FUSHENG	**ultrafilter**	**FUSHENG**	**ultrafilter**	**FUSHENG**	**ultrafilter**
FF005 U	FF 005 U	**FF005 H**	SMF 005 H	**FF005 C**	AK 005 C
FF010 U	FF 010 U	**FF010 H**	SMF 010 H	**FF010 C**	AK 010 C
FF015 U	FF 015 U	**FF015 H**	SMF 015 H	**FF015 C**	AK 015 C
FF030 U	FF 030 U	**FF030 H**	SMF 030 H	**FF030 C**	AK 030 C
FF050 U	FF 050 U	**FF050 H**	SMF 050 H	**FF050 C**	AK 050 C
FF075 U	FF 075 U	**FF075 H**	SMF 075 H	**FF075 C**	AK 075 C
FF125 U	FF 125 U	**FF125 H**	SMF 125 H	**FF125 C**	AK 125 C
FF175 U	FF 175 U	**FF175 H**	SMF 175 H	**FF175 C**	AK 175 C
FF250 U **FF300 U**	FF 250 U	**FF250 H** **FF300 H**	SMF 250 H	**FF250 C** **FF300 C**	AK 250 C
FF500 U	FF 500 U	**FF500 H**	SMF 500 H	**FF500 C**	AK 500 C

* Valid if ''SMF'' filter cartridge is installed upstream.

FUSHENG (old) Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

FUSHENG (old) Plastic end caps	P	U	H	C
				
Particle retention	**3 µm**	**1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	3	2	1*
Oils -q. class (ISO 8573-1)	-	-	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	20	80	60

P		U		H		C	
FUSHENG	**ultrafilter**	**FUSHENG**	**ultrafilter**	**FUSHENG**	**ultrafilter**	**FUSHENG**	**ultrafilter**
FFA05 P	VF 05 P	**FFA05 U**	FF 05 U	**FFA05 H**	SMF 05 H	**FFA05 C**	AK 05 C
FFA08 P	VF 08 P	**FFA08 U**	FF 08 U	**FFA08 H**	SMF 08 H	**FFA08 C**	AK 08 C
FFA10 P	VF 10 P	**FFA10 U**	FF 10 U	**FFA10 H**	SMF 10 H	**FFA10 C**	AK 10 C
FFA15 P	VF 15 P	**FFA15 U**	FF 15 U	**FFA15 H**	SMF 15 H	**FFA15 C**	AK 15 C
FFA20 P	VF 20 P	**FFA20 U**	FF 20 U	**FFA20 H**	SMF 20 H	**FFA20 C**	AK 20 C
FFA40 P	VF 40 P	**FFA40 U**	FF 40 U	**FFA40 H**	SMF 40 H	**FFA40 C**	AK 40 C
FFA60 P	VF 60 P	**FFA60 U**	FF 60 U	**FFA60 H**	SMF 60 H	**FFA60 C**	AK 60 C
FFA75 P	VF 75 P	**FFA75 U**	FF 75 U	**FFA75 H**	SMF 75 H	**FFA75 C**	AK 75 C
FFA125 P	VF 125 P	**FFA125 U**	FF 125 U	**FFA125 H**	SMF 125 H	**FFA125 C**	AK 125 C
FFA175 P	VF 175 P	**FFA175 U**	FF 175 U	**FFA175 H**	SMF 175 H	**FFA175 C**	AK 175 C
FFA250 P	VF 250 P	**FFA250 U**	FF 250 U	**FFA250 H**	SMF 250 H	**FFA250 C**	AK 250 C
FFA300 P	VF 300 P	**FFA300 U**	FF 300 U	**FFA300 H**	SMF 300 H	**FFA300 C**	AK 300 C

* Valid if ''SMF'' filter cartridge is installed upstream.

FUSHENG (old) Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

FUSHENG (old) Aluminium end caps	P	U	H	C
				
Particle retention	**3 µm**	**1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	3	2	1*
Oils -q. class (ISO 8573-1)	-	-	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	20	80	60

P		U		H		C	
FUSHENG	**ultrafilter**	**FUSHENG**	**ultrafilter**	**FUSHENG**	**ultrafilter**	**FUSHENG**	**ultrafilter**
FFA05 P	VF 05 P AL	**FFA05 U**	FF 05 U AL	**FFA05 H**	SMF 05 H AL	**FFA05 C**	AK 05 C AL
FFA08 P	VF 08 P AL	**FFA08 U**	FF 08 U AL	**FFA08 H**	SMF 08 H AL	**FFA08 C**	AK 08 C AL
FFA10 P	VF 10 P AL	**FFA10 U**	FF 10 U AL	**FFA10 H**	SMF 10 H AL	**FFA10 C**	AK 10 C AL
FFA15 P	VF 15 P AL	**FFA15 U**	FF 15 U AL	**FFA15 H**	SMF 15 H AL	**FFA15 C**	AK 15 C AL
FFA20 P	VF 20 P AL	**FFA20 U**	FF 20 U AL	**FFA20 H**	SMF 20 H AL	**FFA20 C**	AK 20 C AL
FFA40 P	VF 40 P AL	**FFA40 U**	FF 40 U AL	**FFA40 H**	SMF 40 H AL	**FFA40 C**	AK 40 C AL
FFA60 P	VF 60 P AL	**FFA60 U**	FF 60 U AL	**FFA60 H**	SMF 60 H AL	**FFA60 C**	AK 60 C AL
FFA75 P	VF 75 P AL	**FFA75 U**	FF 75 U AL	**FFA75 H**	SMF 75 H AL	**FFA75 C**	AK 75 C AL
FFA125 P	VF 125 P AL	**FFA125 U**	FF 125 U AL	**FFA125 H**	SMF 125 H AL	**FFA125 C**	AK 125 C AL
FFA175 P	VF 175 P AL	**FFA175 U**	FF 175 U AL	**FFA175 H**	SMF 175 H AL	**FFA175 C**	AK 175 C AL
FFA250 P	VF 250 P AL	**FFA250 U**	FF 250 U AL	**FFA250 H**	SMF 250 H AL	**FFA250 C**	AK 250 C AL
FFA300 P	VF 300 P AL	**FFA300 U**	FF 300 U AL	**FFA300 H**	SMF 300 H AL	**FFA300 C**	AK 300 C AL

* Valid if ''SMF'' filter cartridge is installed upstream.

HANKISON NGF

Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

HANKISON NGF Plastic end caps	SF	PF	HF	CF
				
Particle retention	**3 µm**	**1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	3	2	1*
Oils -q. class (ISO 8573-1)	-	-	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	20	80	60

SF		PF		HF		CF	
HANKISON	**ultrafilter**	**HANKISON**	**ultrafilter**	**HANKISON**	**ultrafilter**	**HANKISON**	**ultrafilter**
02-SF	VF 02 SF	**02-PF**	FF 02 PF	**02-HF**	SMF 02 HF	**02-CF**	AK 02 CF
03-SF	VF 03 SF	**03-PF**	FF 03 PF	**03-HF**	SMF 03 HF	**03-CF**	AK 03 CF
04-SF	VF 04 S	**04-PF**	FF 04 PF	**04-HF**	SMF 04 HF	**04-CF**	AK 04 CF
06-SF	VF 06 SF	**06-PF**	FF 06 PF	**06-HF**	SMF 06 HF	**06-CF**	AK 06 CF
07-SF	VF 07 SF	**07-PF**	FF 07 PF	**07-HF**	SMF 07 HF	**07-CF**	AK 07 CF
08-SF	VF 08 SF	**08-PF**	FF 08 PF	**08-HF**	SMF 08 HF	**08-CF**	AK 08 CF
10-SF	VF 10 SF	**10-PF**	FF 10 PF	**10-HF**	SMF 10 HF	**10-CF**	AK 10 CF
11-SF	VF 11 SF	**11-PF**	FF 11 PF	**11-HF**	SMF 11 HF	**11-CF**	AK 11 CF
12-SF	VF 12 SF	**12-PF**	FF 12 PF	**12-HF**	SMF 12 HF	**12-CF**	AK 12 CF
13-SF	VF 13 SF	**13-PF**	FF 13 PF	**13-HF**	SMF 13 HF	**13-CF**	AK 13 CF
14-SF	VF 14 SF	**14-PF**	FF 14 PF	**14-HF**	SMF 14 HF	**14-CF**	AK 14 CF
15-SF	VF 15 SF	**15-PF**	FF 15 PF	**15-HF**	SMF 15 HF	**15-CF**	AK 15 CF
16-SF	VF 16 SF	**16-PF**	FF 16 PF	**16-HF**	SMF 16 HF	**16-CF**	AK 16 CF
17-SF	VF 17 SF	**17-PF**	FF 17 PF	**17-HF**	SMF 17 HF	**17-CF**	AK 17 CF

* Valid if ''SMF'' filter cartridge is installed upstream.

HANKISON Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

HANKISON Aluminium end caps	E9	E7	E5	E3	E1
					
Particle retention	**3 µm**	**1 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	3	2	2	1*
Oils -q. class (ISO 8573-1)	-	-	2	1	1
Filter media	acrylic fibres, cellulose		borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	20	50	80	60

E9		E7		E5		E3		E1	
HANKISON	ultrafilter	HANKISON	ultrafilter	HANKISON	ultrafilter	HANKISON	ultrafilter	HANKISON	ultrafilter
E9-12	VF-12	E7-12	FF-12	E5-12	MF-12	E3-12	SMF-12	E1-12	AK-12
E9-16	VF-16	E7-16	FF-16	E5-16	MF-16	E3-16	SMF-16	E1-16	AK-16
E9-20	VF-20	E7-20	FF-20	E5-20	MF-20	E3-20	SMF-20	E1-20	AK-20
E9-24	VF-24	E7-24	FF-24	E5-24	MF-24	E3-24	SMF-24	E1-24	AK-24
E9-28	VF-28	E7-28	FF-28	E5-28	MF-28	E3-28	SMF-28	E1-28	AK-28
E9-32	VF-32	E7-32	FF-32	E5-32	MF-32	E3-32	SMF-32	E1-32	AK-32
E9-36	VF-36	E7-36	FF-36	E5-36	MF-36	E3-36	SMF-36	E1-36	AK-36
E9-40	VF-40	E7-40	FF-40	E5-40	MF-40	E3-40	SMF-40	E1-40	AK-40
E9-44	VF-44	E7-44	FF-44	E5-44	MF-44	E3-44	SMF-44	E1-44	AK-44
E9-48	VF-48	E7-48	FF-48	E5-48	MF-48	E3-48	SMF-48	E1-48	AK-48
E9-52	VF-52	E7-52	FF-52	E5-52	MF-52	E3-52	SMF-52	E1-52	AK-52
E9-54	VF-54	E7-54	FF-54	E5-54	MF-54	E3-54	SMF-54	E1-54	AK-54

* Valid if ''SMF'' filter cartridge is installed upstream.

HIROSS (new)

Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

HIROSS Plastic end caps	Q	P	S	C
				
Particle retention	**3 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids -class (ISO 8573-1)	6	2	2	1*
Oils - class (ISO 8573-1)	-	2	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. press. (new) [mbar]	10	50	80	60

Q			P			S			C		
HIROSS		ultrafilter	HIROSS		ultrafilter	HIROSS		ultrafilter	HIROSS		ultrafilter
old	new		old	new		old	new		old	new	
/	**005 Q**	VF 005 Q	/	**005 P**	MF 005 P	/	**005 S**	SMF 005 S	/	**005 C**	AK 005 C
004 Q 006 Q	**010 Q**	VF 010 Q	**004 P 006 P**	**010 P**	MF 010 P	**004 S 006 S**	**010 S**	SMF 010 S	**004 C 006 C**	**010 C**	AK 010 C
007 Q 009 Q	**016 Q**	VF 016 Q	**007 P 009 P**	**016 P**	MF 016 P	**007 S 009 S**	**016 S**	SMF 016 S	**007 C 009 C**	**016 C**	AK 016 C
015 Q 020 Q	**022 Q**	VF 022 Q	**015 P 020 P**	**022 P**	MF 022 P	**015 S 020 S**	**022 S**	SMF 022 S	**015 C 020 C**	**022 C**	AK 022 C
024 Q	**030 Q**	VF 030 Q	**024 P**	**030 P**	MF 030 P	**024 S**	**030 S**	SMF 030 S	**024 C**	**030 C**	AK 030 C
035 Q	**045 Q**	VF 045 Q	**035 P**	**045 P**	MF 045 P	**035 S**	**045 S**	SMF 045 S	**035 C**	**045 C**	AK 045 C
060 Q	**072 Q**	VF 072 Q	**060 P**	**072 P**	MF 072 P	**060 S**	**072 S**	SMF 072 S	**060 C**	**072 C**	AK72 C/A
/	**135 Q**	VF 135 Q	/	**135 P**	MF 135 P	/	**135 S**	SMF 135 S	/	**135 C**	AK 135 C
/	**175 Q**	VF 175 Q	/	**175 P**	MF 175 P	/	**175 S**	SMF 175 S	/	**175 C**	AK 175 C
120 Q 151 Q	**205 Q**	VF 205 Q	**120 P 151 P**	**205 P**	MF 205 P	**120 S 151 S**	**205 S**	SMF 205 S	**120 C 151 C**	**205 C**	AK 205 C
/	**250 Q**	VF 250 Q	/	**250 P**	MF 250 P	/	**250 S**	SMF 250 S	/	**250 C**	AK 250 C
/	**300 Q**	VF 300 Q	/	**300 P**	MF 300 P	/	**300 S**	SMF 300 S	/	**300 C**	AK 300 C
/	**370 Q**	VF 370 Q	/	**370 P**	MF 370 P	/	**370 S**	SMF 370 S	/	**370 C**	AK 370 C

* Valid if ''SMF'' filter cartridge is installed upstream.

HIROSS (new)

Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

HIROSS Aluminium end caps	Q	P	S	C
				
Particle retention	3 µm	0,1 µm	0,01 µm	activated carbon
Solids -class (ISO 8573-1)	6	2	2	1*
Oils - class (ISO 8573-1)	-	2	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. press. (new) [mbar]	10	50	80	60

Q			P			S			C		
HIROSS		ultrafilter	HIROSS		ultrafilter	HIROSS		ultrafilter	HIROSS		ultrafilter
old	new		old	new		old	new		old	new	
/	005 Q	VF 005 Q AL	/	005 P	MF 005 P AL	/	005 S	SMF 005 S AL	/	005 C	AK 005 C AL
004 Q 006 Q	010 Q	VF 010 Q AL	004 P 006 P	010 P	MF 010 P AL	004 S 006 S	010 S	SMF 010 S AL	004 C 006 C	010 C	AK 010 C AL
007 Q 009 Q	016 Q	VF 016 Q AL	007 P 009 P	016 P	MF 016 P AL	007 S 009 S	016 S	SMF 016 S AL	007 C 009 C	016 C	AK 016 C AL
015 Q 020 Q	022 Q	VF 022 Q AL	015 P 020 P	022 P	MF 022 P AL	015 S 020 S	022 S	SMF 022 S AL	015 C 020 C	022 C	AK 022 C AL
024 Q	030 Q	VF 030 Q AL	024 P	030 P	MF 030 P AL	024 S	030 S	SMF 030 S AL	024 C	030 C	AK 030 C AL
035 Q	045 Q	VF 045 Q AL	035 P	045 P	MF 045 P AL	035 S	045 S	SMF 045 S AL	035 C	045 C	AK 045 C AL
060 Q	072 Q	VF 072 Q AL	060 P	072 P	MF 072 P AL	060 S	072 S	SMF 072 S AL	060 C	072 C	AK 072 C AL
/	135 Q	VF 135 Q AL	/	135 P	MF 135 P AL	/	135 S	SMF 135 S AL	/	135 C	AK 135 C AL
/	175 Q	VF 175 Q AL	/	175 P	MF 175 P AL	/	175 S	SMF 175 S AL	/	175 C	AK 175 C AL
120 Q 151 Q	205 Q	VF 205 Q AL	120 P 151 P	205 P	MF 205 P AL	120 S 151 S	205 S	SMF 205 S AL	120 C 151 C	205 C	AK 205 C AL
/	250 Q	VF 250 Q AL	/	250 P	MF 250 P AL	/	250 S	SMF 250 S AL	/	250 C	AK 250 C AL
/	300 Q	VF 300 Q AL	/	300 P	MF 300 P AL	/	300 S	SMF 300 S AL	/	300 C	AK 300 C AL
/	370 Q	VF 370 Q AL	/	370 P	MF 370 P AL	/	370 S	SMF 370 S AL	/	370 C	AK 370 C AL

* Valid if ''SMF'' filter cartridge is installed upstream.

HIROSS (old) Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

HIROSS Plastic end caps	Q	P	S	C
				
Particle retention	**3 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids -class (ISO 8573-1)	6	2	2	1*
Oils - class (ISO 8573-1)	-	2	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. press. (new) [mbar]	10	50	80	60

Q			P			S			C		
HIROSS		ultrafilter	HIROSS		ultrafilter	HIROSS		ultrafilter	HIROSS		ultrafilter
old	new		old	new		old	new		old	new	
004 Q 006 Q	010 Q	VF 004 Q	004 P 006 P	010 P	MF 004 P	004 S 006 S	010 S	SMF 004 S	004 C 006 C	010 C	AK 004 C
007 Q 009 Q	016 Q	VF 007 Q	007 P 009 P	016 P	MF 007 P	007 S 009 S	016 S	SMF 007 S	007 C 009 C	016 C	AK 007 C
015 Q 020 Q	022 Q	VF 015 Q	015 P 020 P	022 P	MF 015 P	015 S 020 S	022 S	SMF 015 S	015 C 020 C	022 C	AK 015 C
024 Q	030 Q	VF 024 Q	024 P	030 P	MF 024 P	024 S	030 S	SMF 024 S	024 C	030 C	AK 024 C
035 Q	045 Q	VF 035 Q	035 P	045 P	MF 035 P	035 S	045 S	SMF 035 S	035 C	045 C	AK 035 C
060 Q	072 Q	VF 060 Q	060 P	072 P	MF 060 P	060 S	072 S	SMF 060 S	060 C	072 C	AK 060 C
090 Q 110 Q	/	VF 090 Q	090 P 110 P	/	MF 090 P	090 S 110 S	/	SMF 090 S	090 C 110 C	/	AK 090 C
120 Q 151 Q	205 Q	VF 120 Q	120 P 151 P	205 P	MF 120 P	120 S 151 S	205 S	SMF 120 S	120 C 151 C	205 C	AK 120 C
150 Q 180 Q	/	VF 150 Q	150 P 180 P	/	MF 150 P	150 S 180 S	/	SMF 150 S	150 C 180 C	/	AK 150 C
200 Q	260 Q	VF 200 Q	200 P	260 P	MF 200 P	200 S	260 S	SMF 200 S	200 C	260 C	AK 200 C
240 Q 280 Q	/	VF 240 Q	240 P 280 P	/	MF 240 P	240 S 280 S	/	SMF 240 S	240 C 280 C	/	AK 240 C

* Valid if ''SMF'' filter cartridge is installed upstream.

HIROSS (old) Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

HIROSS Aluminium end caps	Q	P	S	C
				
Particle retention	**3 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids -class (ISO 8573-1)	6	2	2	1*
Oils - class (ISO 8573-1)	-	2	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. press. (new) [mbar]	10	50	80	60

Q			P			S			C		
HIROSS		ultrafilter	HIROSS		ultrafilter	HIROSS		ultrafilter	HIROSS		ultrafilter
old	new		old	new		old	new		old	new	
004 Q 006 Q	010 Q	VF 004 Q AL	004 P 006 P	010 P	MF 004 P AL	004 S 006 S	010 S	SMF 004 S AL	004 C 006 C	010 C	AK 004 C AL
007 Q 009 Q	016 Q	VF 007 Q AL	007 P 009 P	016 P	MF 007 P AL	007 S 009 S	016 S	SMF 007 S AL	007 C 009 C	016 C	AK 007 C AL
015 Q 020 Q	022 Q	VF 015 Q AL	015 P 020 P	022 P	MF 015 P AL	015 S 020 S	022 S	SMF 015 S AL	015 C 020 C	022 C	AK 015 C AL
024 Q	030 Q	VF 024 Q AL	024 P	030 P	MF 024 P AL	024 S	030 S	SMF 024 S AL	024 C	030 C	AK 024 C AL
035 Q	045 Q	VF 035 Q AL	035 P	045 P	MF 035 P AL	035 S	045 S	SMF 035 S AL	035 C	045 C	AK 035 C AL
060 Q	072 Q	VF 060 Q AL	060 P	072 P	MF 060 P AL	060 S	072 S	SMF 060 S AL	060 C	072 C	AK 060 C AL
090 Q 110 Q	/	VF 090 Q AL	090 P 110 P	/	MF 090 P AL	090 S 110 S	/	SMF 090 S AL	090 C 110 C	/	AK 090 C AL
120 Q 151 Q	205 Q	VF 120 Q AL	120 P 151 P	205 P	MF 120 P AL	120 S 151 S	205 S	SMF 120 S AL	120 C 151 C	205 C	AK 120 C AL
150 Q 180 Q	/	VF 150 Q AL	150 P 180 P	/	MF 150 P AL	150 S 180 S	/	SMF 150 S AL	150 C 180 C	/	AK 150 C AL
200 Q	260 Q	VF 200 Q AL	200 P	260 P	MF 200 P AL	200 S	260 S	SMF 200 S AL	200 C	260 C	AK 200 C AL
240 Q 280 Q	/	VF 240 Q AL	240 P 280 P	/	MF 240 P AL	240 S 280 S	/	SMF 240 S AL	240 C 280 C	/	AK 240 C AL

* Valid if ''SMF'' filter cartridge is installed upstream.

INGERSOLL RAND AC

Alternative Filter Elements

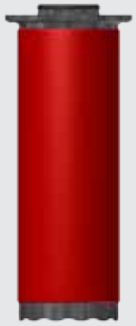
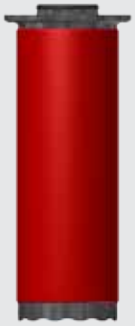
	GP	HE	AC
INGERSOLL RAND **Plastic end caps**			
Particle retention	**1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	3	2	1*
Oils -q. class (ISO 8573-1)	-	1	1
Filter media	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	20	80	60

GP		HE		AC	
INGERSOLL RAND	**ultrafilter**	**INGERSOLL RAND**	**ultrafilter**	**INGERSOLL RAND**	**ultrafilter**
19 GP	FF 19 GP	**19 HE**	SMF 19 HE	**19 AC**	AK 19 AC
40 GP	FF 40 GP	**40 HE**	SMF 40 HE	**40 AC**	AK 40 AC
64 GP	FF 64 GP	**64 HE**	SMF 64 HE	**64 AC**	AK 64 AC
123 GP	FF 123 GP	**123 HE**	SMF 123 HE	**123 AC**	AK 123 AC
216 GP	FF 216 GP	**216 HE**	SMF 216 HE	**216 AC**	AK 216 AC
275 GP	FF 275 GP	**275 HE**	SMF 275 HE	**275 AC**	AK 275 AC
350 GP	FF 350 GP	**350 HE**	SMF 350 HE	**350 AC**	AK 350 AC
481 GP	FF 481 GP	**481 HE**	SMF 481 HE	**481 AC**	AK 481 AC
563 GP	FF 563 GP	**563 HE**	SMF 563 HE	**563 AC**	AK 563 AC
706 GP	FF 706 GP	**706 HE**	SMF 706 HE	**706 AC**	AK 706 AC
850 GP	FF 850 GP	**850 HE**	SMF 850 HE	**850 AC**	AK 850 AC
1100 GP	FF 1100 GP	**1100 HE**	SMF 1100 HE	**1100 AC**	AK 1100 AC
1380 GP	FF 1380 GP	**1380 HE**	SMF 1380 HE	**1380 AC**	AK 1380 AC
Flanged		**Flanged**		**Flanged**	
424 GP	FF 424 GP	**424 HE**	SMF 424 HE	**424 AC**	AK 424 AC
699 GP	FF 699 GP	**699 HE**	SMF 699 HE	**699 AC**	AK 699 AC
1314 GP	FF 1314 GP	**1314 HE**	SMF 1314 HE	**1314 AC**	AK 1314 AC

* Valid if ''SMF'' filter cartridge is installed upstream.

INGERSOLL RAND F

Alternative Filter Elements

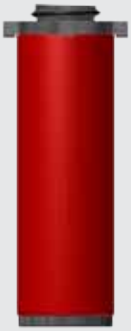
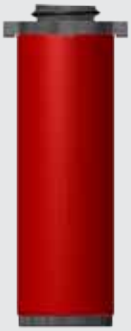
INGERSOLL RAND F Plastic end caps	IG	IH	IA
			
Particle retention	**1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	3	2	1*
Oils -q. class (ISO 8573-1)	-	1	1
Filter media	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	20	80	60

IG		IH		IA	
INGERSOLL RAND	**ultrafilter**	**INGERSOLL RAND**	**ultrafilter**	**INGERSOLL RAND**	**ultrafilter**
F35 IG	FF F35 IG	**F35 IH**	SMF F35 IH	**F35 IA**	AK F35 IA
F71 IG	FF F71 IG	**F71 IH**	SMF F71 IH	**F71 IA**	AK F71 IA
F108 IG	FF F108 IG	**F108 IH**	SMF F108 IH	**F108 IA**	AK F108 IA
F144 IG	FF F144 IG	**F144 IH**	SMF F144 IH	**F144 IA**	AK F144 IA
F178 IG	FF F178 IG	**F178 IH**	SMF F178 IH	**F178 IA**	AK F178 IA
F212 IG	FF F212 IG	**F212 IH**	SMF F212 IH	**F212 IA**	AK F212 IA
F395 IG	FF F395 IG	**F395 IH**	SMF F395 IH	**F395 IA**	AK F395 IA
F424 IG	FF F424 IG	**F424 IH**	SMF F424 IH	**F424 IA**	AK F424 IA
F577 IG	FF F577 IG	**F577 IH**	SMF F577 IH	**F577 IA**	AK F577 IA
F791 IG	FF F791 IG	**F791 IH**	SMF F791 IH	**F791 IA**	AK F791 IA
F985 IG	FF F985 IG	**F985 IH**	SMF F985 IH	**F985 IA**	AK F985 IA
F1155 IG	FF F1155 IG	**F1155 IH**	SMF F1155 IH	**F1155 IA**	AK F1155 IA
F1529 IG	FF F1529 IG	**F1529 IH**	SMF F1529 IH	**F1529 IA**	AK F1529 IA
F1817 IG	FF F1817 IG	**F1817 IH**	SMF F1817 IH	**F1817 IA**	AK F1817 IA
F2378 IG	FF F2378 IG	**F2124 IH**	SMF F2124 IH	**F2378 IA**	AK F2378 IA

* Valid if ''SMF'' filter cartridge is installed upstream.

INGERSOLL RAND FA

Alternative Filter Elements

INGERSOLL RAND FA Plastic end caps	IG	IH	IA
			
Particle retention	**1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	3	2	1*
Oils -q. class (ISO 8573-1)	-	1	1
Filter media	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	20	80	60

IG		IH		IA	
INGERSOLL RAND	**ultrafilter**	**INGERSOLL RAND**	**ultrafilter**	**INGERSOLL RAND**	**ultrafilter**
FA30 IG	FF FA30 IG	**FA30 IH**	SMF FA30 IH	**FA30 IA**	AK FA30 IA
FA40 IG	FF FA40 IG	**FA40 IH**	SMF FA40 IH	**FA40 IA**	AK FA40 IA
FA75 IG	FF FA75 IG	**FA75 IH**	SMF FA75 IH	**FA75 IA**	AK FA75 IA
FA110 IG	FF FA110 IG	**FA110 IH**	SMF FA110 IH	**FA110 IA**	AK FA110 IA
FA150 IG	FF FA150 IG	**FA150 IH**	SMF FA150 IH	**FA150 IA**	AK FA150 IA
FA190 IG	FF FA190 IG	**FA190 IH**	SMF FA190 IH	**FA190 IA**	AK FA190 IA
FA230 IG	FF FA230 IG	**FA230 IH**	SMF FA230 IH	**FA230 IA**	AK FA230 IA
FA400 IG	FF FA400 IG	**FA400 IH**	SMF FA400 IH	**FA400 IA**	AK FA400 IA
FA490 IG	FF FA490 IG	**FA490 IH**	SMF FA490 IH	**FA490 IA**	AK FA490 IA
FA600 IG	FF FA600 IG	**FA600 IH**	SMF FA600 IH	**FA600 IA**	AK FA600 IA
FA800 IG	FF FA800 IG	**FA800 IH**	SMF FA800 IH	**FA800 IA**	AK FA800 IA
FA1000 IG	FF FA1000 IG	**FA1000 IH**	SMF FA1000 IH	**FA1000 IA**	AK FA1000 IA
FA1200 IG	FF FA1200 IG	**FA1200 IH**	SMF FA1200 IH	**FA1200 IA**	AK FA1200 IA
FA1560 IG	FF FA1560 IG	**FA1560 IH**	SMF FA1560 IH	**FA1560 IA**	AK FA1560 IA
FA1830 IG	FF FA1830 IG	**FA1830 IH**	SMF FA1830 IH	**FA1830 IA**	AK FA1830 IA
FA2300 IG	FF FA2300 IG	**FA2300 IH**	SMF FA2300 IH	**FA2300 IA**	AK FA2300 IA
FA2700 IG	FF FA2700 IG	**FA2700 IH**	SMF FA2700 IH	**FA2700 IA**	AK FA2700 IA

* Valid if ''SMF'' filter cartridge is installed upstream.

KAESER (new) Alternative Filter Elements

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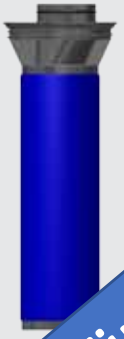
KAESER (new) Plastic end caps	KD	KB	KBE	KE	KA
					
Particle retention	**3 µm**	**1 µm**			**activated carbon**
Solids - q. class (ISO 8573-1)	6	3		2	1*
Oils -q. class (ISO 8573-1)	-	-		1	1
Filter media	acrylic fibres, cellulose				activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 t		1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10			80	60

KD		KB		KBE		KE		KA	
KAESER				KAESER	ultrafilter	KAESER	ultrafilter	KAESER	ultrafilter
F6 K			F6 KB	F6 KBE	MF F6 KBE	F6 KE	SMF F6 KE	F6 KA	AK F6 KA
			FF F9 KB	F9 KBE	MF F9 KBE	F9 KE	SMF F9 KE	F9 KA	AK F9 KA
		KB	FF F16 KB	F16 KBE	MF F16 KBE	F16 KE	SMF F16 KE	F16 KA	AK F16 KA
		F22 KB	FF F22 KB	F22 KBE	MF F22 KBE	F22 KE	SMF F22 KE	F22 KA	AK F22 KA
	D	F26 KB	FF F26 KB	F26 KBE	MF F26 KBE	F26 KE	SMF F26 KE	F26 KA	AK F26 KA
	46 KD	F46 KB	FF F46 KB	F46 KBE	MF F46 KBE	F46 KE	SMF F46 KE	F46 KA	AK F46 KA
	VF F83 KD	F83 KB	FF F83 KB	F83 KBE	MF F83 KBE	F83 KE	SMF F83 KE	F83 KA	AK F83 KA
KD	VF F110 KD	F110 KB	FF F110 KB	F110 KBE	MF F110 KBE	F110 KE	SMF F110 KE	F110 KA	AK F110 KA
F142 KD	VF F142 KD	F142 KB	FF F142 KB	F142 KBE	MF F142 KBE	F142 KE	SMF F142 KE	F142 KA	AK F142 KA

Aus patentrechtlichen Gründen nicht lieferbar

* Valid if "SMF" filter cartridge is installed upstream.

KAESER (old) Alternative Filter Elements

KAESER (old) Aluminium end caps	E-B	E-C	E-E	E-F	E-G
					
Particle retention	3 µm	1 µm	0,1 µm	0,01 µm	activated carbon
Solids - q. class (ISO 8573-1)	6	3	2	2	1*
Oils -q. class (ISO 8573-1)	-	-	2	1	1
Filter media	acrylic fibres, cellulose		borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	20	50	80	60

E-B		E-C		E-E		E-F		E-G	
KAESER	ultrafilter	KAESER	ultrafilter	KAESER	ultrafilter	KAESER	ultrafilter	KAESER	ultrafilter
E-B-6	VF-12	E-C-6	FF-12	E-E-6	MF-12	E-F-6	SMF-12	E-G-6	AK-12
E-B-10	VF-16	E-C-10	FF-16	E-E-10	MF-16	E-F-10	SMF-16	E-G-10	AK-16
E-B-18	VF-20	E-C-18	FF-20	E-E-18	MF-20	E-F-18	SMF-20	E-G-18	AK-20
E-B-28	VF-24	E-C-28	FF-24	E-E-28	MF-24	E-F-28	SMF-24	E-G-28	AK-24
E-B-48	VF-28	E-C-48	FF-28	E-E-48	MF-28	E-F-48	SMF-28	E-G-48	AK-28
E-B-71	VF-32	E-C-71	FF-32	E-E-71	MF-32	E-F-71	SMF-32	E-G-71	AK-32
E-B-107	VF-36	E-C-107	FF-36	E-E-107	MF-36	E-F-107	SMF-36	E-G-107	AK-36
E-B-138	VF-40	E-C-138	FF-40	E-E-138	MF-40	E-F-138	SMF-40	E-G-138	AK-40
E-B-177	VF-44	E-C-177	FF-44	E-E-177	MF-44	E-F-177	SMF-44	E-G-177	AK-44
E-B-221	VF-48	E-C-221	FF-48	E-E-221	MF-48	E-F-221	SMF-48	E-G-221	AK-48
E-B-185	VF-PV	E-C-185	FF-PV	E-E-185	MF-PV	E-F-185	SMF-PV	E-G-185	AK-PV
E-B-283	VF-54	E-C-283	FF-54	E-E-283	MF-54	E-F-283	SMF-54	E-G-283	AK-54

* Valid if ''SMF'' filter cartridge is installed upstream.

KNOCKS Alternative Filter Elements

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KNOCKS Aluminium end caps	V	X	A
			
Particle retention	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	2	2	1*
Oils -q. class (ISO 8573-1)	2	1	1
Filter media	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	50	80	60

V		X		A	
KNOCKS	**ultrafilter**	**KNOCKS**	**ultrafilter**	**KNOCKS**	**ultrafilter**
V 23/35	MF 2335 V AL	**X 23/35**	SMF 2335 X AL	**-**	AK 2335 A AL
V 23/40	MF 2340 V AL	**-**	-	**-**	-
V 23/60	MF 2360 V AL	**X 23/60**	SMF 2360 X AL	**A 23/60**	AK 2360 A AL
-	-	**X 23/70**	SMF 2370 X AL	**A 23/70**	AK 2370 A AL
-	-	**-**	-	**A 23/80**	AK 2380 A AL
V 38/60	MF 3860 V AL	**X 38/60**	SMF 3860 X AL	**-**	-
-	-	**-**	-	**A 38/90**	AK 3890 A AL
V 38/100	MF 38100 V AL	**X 38/100**	SMF 38100 X AL	**-**	-
V 38/185	MF 38185 V AL	**X 38/185**	SMF 38185 X AL	**A 38/185**	AK 38185 A AL
V 61/130	MF 61130 V AL	**X 61/130**	SMF 61130 X AL	**A 61/130**	AK 61130 A AL
V 61/230	MF 61230 V AL	**X 61/230**	SMF 61230 X AL	**A 61/230**	AK 61230 A AL

* Valid if ''SMF'' filter cartridge is installed upstream.

KOBELCO Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

KOBELCO Plastic end caps	KO	KA	KCS
			
Particle retention	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	2	2	1*
Oils -q. class (ISO 8573-1)	2	1	1
Filter media	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	50	80	60

	KO		KA		KCS	
	KOBELCO	ultrafilter	KOBELCO	ultrafilter	KOBELCO	ultrafilter
	KO 060	MF 060 KO	**KA 060**	SMF 060 KA	**KCS 060**	AK 060 KCS
	KO 120	MF 120 KO	**KA 120**	SMF 120 KA	**KCS 120**	AK 120 KCS
	KO 180	MF 180 KO	**KA 180**	SMF 180 KA	**KCS 180**	AK 180 KCS
	KO 370	MF 370 KO	**KA 370**	SMF 370 KA	**KCS 370**	AK 370 KCS
	KO 660	MF 660 KO	**KA 660**	SMF 660 KA	**KCS 660**	AK 660 KCS
	KO 960	MF 960 KO	**KA 960**	SMF 960 KA	**KCS 960**	AK 960 KCS
	KO 1320	MF 1320 KO	**KA 1320**	SMF 1320 KA	**KCS 1320**	AK 1320 KCS
	KO 1980	MF 1980 KO	**KA 1980**	SMF 1980 KA	**KCS 1980**	AK 1980 KCS
	KO 2580	MF 2580 KO	**KA 2580**	SMF 2580 KA	**KCS 2580**	AK 2580 KCS

* Valid if ''SMF'' filter cartridge is installed upstream.

KSI Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

KSI Plastic end caps	FF5	MFO	SMA	CA
				
Particle retention	**3 µm**	**1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	3	2	1*
Oils -q. class (ISO 8573-1)	-	-	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	20	80	60

FF5		MFO		SMA		CA	
KSI	ultrafilter	KSI	ultrafilter	KSI	ultrafilter	KSI	ultrafilter
FE3711 FF5	VF 3711 FF5	**FE3711 MFO**	FF 3711 MFO	**FE3711 SMA**	SMF 3711 SMA	**FE3711 CA**	AK 3711 CA
FE5111 FF5	VF 5111 FF5	**FE5111 MFO**	FF 5111 MFO	**FE5111 SMA**	SMF 5111 SMA	**FE5111 CA**	AK 5111 CA
FE7111 FF5	VF 7111 FF5	**FE7111 MFO**	FF 7111 MFO	**FE7111 SMA**	SMF 7111 SMA	**FE7111 CA**	AK 7111 CA
FE7311 FF5	VF 7311 FF5	**FE7311 MFO**	FF 7311 MFO	**FE7311 SMA**	SMF 7311 SMA	**FE7311 CA**	AK 7311 CA
FE7411 FF5	VF 7411 FF5	**FE7411 MFO**	FF 7411 MFO	**FE7411 SMA**	SMF 7411 SMA	**FE7411 CA**	AK 7411 CA
FE8501 FF5	VF 8501 FF5	**FE8501 MFO**	FF 8501 MFO	**FE8501 SMA**	SMF 8501 SMA	**FE8501 CA**	AK 8501 CA
FE8601 FF5	VF 8601 FF5	**FE8601 MFO**	FF 8601 MFO	**FE8601 SMA**	SMF 8601 SMA	**FE8601 CA**	AK 8601 CA
FE8701 FF5	VF 8701 FF5	**FE8701 MFO**	FF 8701 MFO	**FE8701 SMA**	SMF 8701 SMA	**FE8701 CA**	AK 8701 CA
FE8901 FF5	VF 8901 FF5	**FE8901 MFO**	FF 8901 MFO	**FE8901 SMA**	SMF 8901 SMA	**FE8901 CA**	AK 8901 CA

* Valid if ''SMF'' filter cartridge is installed upstream.

MARK (new) Alternative Filter Elements

ULTRAFILTER
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MARK (new) Plastic end caps	P	G	C	V
				
Particle retention	**1 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	3	2	2	1*
Oils -q. class (ISO 8573-1)	-	2	1	1
Filter media	borosilicate micro fibres			activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	20	50	80	60

P		G		C		V	
MARK	**ultrafilter**	**MARK**	**ultrafilter**	**MARK**	**ultrafilter**	**MARK**	**ultrafilter**
FILTER 7	FF 7 P	**FILTER 7**	MF 7 G	**FILTER 7**	SMF 7 C	**FILTER 7**	AK 7 V
FILTER 15	FF 15 P	**FILTER 15**	MF 15 G	**FILTER 15**	SMF 15 C	**FILTER 15**	AK 15 V
FILTER 21	FF 21 P	**FILTER 21**	MF 21 G	**FILTER 21**	SMF 21 C	**FILTER 21**	AK 21 V
FILTER 30	FF 30 P	**FILTER 30**	MF 30 G	**FILTER 30**	SMF 30 C	**FILTER 30**	AK 30 V
FILTER 48	FF 48 P	**FILTER 48**	MF 48 G	**FILTER 48**	SMF 48 C	**FILTER 48**	AK 48 V
FILTER 84	FF 84 P	**FILTER 84**	MF 84 G	**FILTER 84**	SMF 84 C	**FILTER 84**	AK 84 V
FILTER 114	FF 114 P	**FILTER 114**	MF 114 G	**FILTER 114**	SMF 114 C	**FILTER 114**	AK 114 V
FILTER 156	FF 156 P	**FILTER 156**	MF 156 G	**FILTER 156**	SMF 156 C	**FILTER 156**	AK 156 V
FILTER 216	FF 216 P	**FILTER 216**	MF 216 G	**FILTER 216**	SMF 216 C	**FILTER 216**	AK 216 V
FILTER 315	FF 315 P	**FILTER 315**	MF 315 G	**FILTER 315**	SMF 315 C	**FILTER 315**	AK 315 V
FILTER 405	FF 405 P	**FILTER 405**	MF 405 G	**FILTER 405**	SMF 405 C	**FILTER 405**	AK 405 V

* Valid if ''SMF'' filter cartridge is installed upstream.

MARK (old) Alternative Filter Elements

MARK (old) Plastic end caps	MBP	MBM	MBS	MBA
				
Particle retention	**3 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	2	2	1*
Oils -q. class (ISO 8573-1)	-	2	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	50	80	60

MBP		MBM		MBS		MBA	
MARK	**ultrafilter**	**MARK**	**ultrafilter**	**MARK**	**ultrafilter**	**MARK**	**ultrafilter**
MBP 10	VF 10 MBP	**MBM 10**	MF 10 MBM	**MBS 10**	SMF 10 MBS	**MBA 10**	AK 10 MBA
MBP 13	VF 13 MBP	**MBM 13**	MF 13 MBM	**MBS 13**	SMF 13 MBS	**MBA 13**	AK 13 MBA
MBP 20	VF 20 MBP	**MBM 20**	MF 20 MBM	**MBS 20**	SMF 20 MBS	**MBA 20**	AK 20 MBA
MBP 33	VF 33 MBP	**MBM 33**	MF 33 MBM	**MBS 33**	SMF 33 MBS	**MBA 33**	AK 33 MBA
MBP 60	VF 60 MBP	**MBM 60**	MF 60 MBM	**MBS 60**	SMF 60 MBS	**MBA 60**	AK 60 MBA
MBP 85	VF 85 MBP	**MBM 85**	MF 85 MBM	**MBS 85**	SMF 85 MBS	**MBA 85**	AK 85 MBA
MBP 130	VF 130 MBP	**MBM 130**	MF 130 MBM	**MBS 130**	SMF 130 MBS	**MBA 130**	AK 130 MBA
MBP 170	VF 170 MBP	**MBM 170**	MF 170 MBM	**MBS 170**	SMF 170 MBS	**MBA 170**	AK 170 MBA
MBP 250	VF 250 MBP	**MBM 250**	MF 250 MBM	**MBS 250**	SMF 250 MBS	**MBA 250**	AK 250 MBA
MBP 400	VF 400 MBP	**MBM 400**	MF 400 MBM	**MBS 400**	SMF 400 MBS	**MBA 400**	AK 400 MBA

* Valid if ''SMF'' filter cartridge is installed upstream.

MATTEI OMAT Alternative Filter Elements

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MATTEI OMAT Plastic end caps	C3	C2	C1	CC
				
Particle retention	**3 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	2	2	1*
Oils -q. class (ISO 8573-1)	-	2	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	50	80	60

C3		C2		C1		CC	
MATTEI OMAT	**ultrafilter**	**MATTEI OMAT**	**ultrafilter**	**MATTEI OMAT**	**ultrafilter**	**MATTEI OMAT**	**ultrafilter**
0005 C3	VF 0005 C3	**0005 C2**	MF 0005 C2	**0005 C1**	SMF 0005 C1	**0005 CC**	AK 0005 CC
0010 C3	VF 0010 C3	**0010 C2**	MF 0010 C2	**0010 C1**	SMF 0010 C1	**0010 CC**	AK 0010 CC
0018 C3	VF 0018 C3	**0018 C2**	MF 0018 C2	**0018 C1**	SMF 0018 C1	**0018 CC**	AK 0018 CC
0030 C3	VF 0030 C3	**0030 C2**	MF 0030 C2	**0030 C1**	SMF 0030 C1	**0030 CC**	AK 0030 CC
0035 C3	VF 0035 C3	**0035 C2**	MF 0035 C2	**0035 C1**	SMF 0035 C1	**0035 CC**	AK 0035 CC
0050 C3	VF 0050 C3	**0050 C2**	MF 0050 C2	**0050 C1**	SMF 0050 C1	**0050 CC**	AK 0050 CC
0072 C3	VF 0072 C3	**0072 C2**	MF 0072 C2	**0072 C1**	SMF 0072 C1	**0072 CC**	AK 007Z CC
0095 C3	VF 0095 C3	**0095 C2**	MF 0095 C2	**0095 C1**	SMF 0095 C1	**0095 CC**	AK 0095 CC
0125 C3	VF 0125 C3	**0125 C2**	MF 0125 C2	**0125 C1**	SMF 0125 C1	**0125 CC**	AK 0125 CC
0165 C3	VF 0165 C3	**0165 C2**	MF 0165 C2	**0165 C1**	SMF 0165 C1	**0165 CC**	AK 0165 CC
0190 C3	VF 0190 C3	**0190 C2**	MF 0190 C2	**0190 C1**	SMF 0190 C1	**0190 CC**	AK 0190 CC
0220 C3	VF 0220 C3	**0220 C2**	MF 0220 C2	**0220 C1**	SMF 0220 C1	**0220 CC**	AK 0220 CC
0280 C3	VF 0280 C3	**0280 C2**	MF 0280 C2	**0280 C1**	SMF 0280 C1	**0280 CC**	AK 0280 CC
0350 C3	VF 0350 C3	**0350 C2**	MF 0350 C2	**0350 C1**	SMF 0350 C1	**0350 CC**	AK 0350 CC
0440 C3	VF 0440 C3	**0440 C2**	MF 0440 C2	**0440 C1**	SMF 0440 C1	**0440 CC**	AK 0440 CC

* Valid if ''SMF'' filter cartridge is installed upstream.

MAUGUIERE (new) Alternative Filter Elements

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MAUGUIERE (new) Plastic end caps	P	G	C	V
				
Particle retention	**1 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	3	2	2	1*
Oils -q. class (ISO 8573-1)	-	2	1	1
Filter media	borosilicate micro fibres			activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	20	50	80	60

P		G		C		V	
MAUGUIERE	**ultrafilter**	**MAUGUIERE**	**ultrafilter**	**MAUGUIERE**	**ultrafilter**	**MAUGUIERE**	**ultrafilter**
FILTER 7	FF 7 P	**FILTER 7**	MF 7 G	**FILTER 7**	SMF 7 C	**FILTER 7**	AK 7 V
FILTER 15	FF 15 P	**FILTER 15**	MF 15 G	**FILTER 15**	SMF 15 C	**FILTER 15**	AK 15 V
FILTER 21	FF 21 P	**FILTER 21**	MF 21 G	**FILTER 21**	SMF 21 C	**FILTER 21**	AK 21 V
FILTER 30	FF 30 P	**FILTER 30**	MF 30 G	**FILTER 30**	SMF 30 C	**FILTER 30**	AK 30 V
FILTER 48	FF 48 P	**FILTER 48**	MF 48 G	**FILTER 48**	SMF 48 C	**FILTER 48**	AK 48 V
FILTER 84	FF 84 P	**FILTER 84**	MF 84 G	**FILTER 84**	SMF 84 C	**FILTER 84**	AK 84 V
FILTER 114	FF 114 P	**FILTER 114**	MF 114 G	**FILTER 114**	SMF 114 C	**FILTER 114**	AK 114 V
FILTER 156	FF 156 P	**FILTER 156**	MF 156 G	**FILTER 156**	SMF 156 C	**FILTER 156**	AK 156 V
FILTER 216	FF 216 P	**FILTER 216**	MF 216 G	**FILTER 216**	SMF 216 C	**FILTER 216**	AK 216 V
FILTER 315	FF 315 P	**FILTER 315**	MF 315 G	**FILTER 315**	SMF 315 C	**FILTER 315**	AK 315 V
FILTER 405	FF 405 P	**FILTER 405**	MF 405 G	**FILTER 405**	SMF 405 C	**FILTER 405**	AK 405 V

* Valid if ''SMF'' filter cartridge is installed upstream.

MAUGUIERE (old)

Alternative Filter Elements

MAUGUIERE (old) Plastic end caps	MBP	MBM	MBS	MBA
				
Particle retention	**3 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	2	2	1*
Oils -q. class (ISO 8573-1)	-	2	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	50	80	60

MBP		MBM		MBS		MBA	
MAUGUIERE	**ultrafilter**	**MAUGUIERE**	**ultrafilter**	**MAUGUIERE**	**ultrafilter**	**MAUGUIERE**	**ultrafilter**
MBP 10	VF 10 MBP	**MBM 10**	MF 10 MBM	**MBS 10**	SMF 10 MBS	**MBA 10**	AK 10 MBA
MBP 13	VF 13 MBP	**MBM 13**	MF 13 MBM	**MBS 13**	SMF 13 MBS	**MBA 13**	AK 13 MBA
MBP 20	VF 20 MBP	**MBM 20**	MF 20 MBM	**MBS 20**	SMF 20 MBS	**MBA 20**	AK 20 MBA
MBP 33	VF 33 MBP	**MBM 33**	MF 33 MBM	**MBS 33**	SMF 33 MBS	**MBA 33**	AK 33 MBA
MBP 60	VF 60 MBP	**MBM 60**	MF 60 MBM	**MBS 60**	SMF 60 MBS	**MBA 60**	AK 60 MBA
MBP 85	VF 85 MBP	**MBM 85**	MF 85 MBM	**MBS 85**	SMF 85 MBS	**MBA 85**	AK 85 MBA
MBP 130	VF 130 MBP	**MBM 130**	MF 130 MBM	**MBS 130**	SMF 130 MBS	**MBA 130**	AK 130 MBA
MBP 170	VF 170 MBP	**MBM 170**	MF 170 MBM	**MBS 170**	SMF 170 MBS	**MBA 170**	AK 170 MBA
MBP 250	VF 250 MBP	**MBM 250**	MF 250 MBM	**MBS 250**	SMF 250 MBS	**MBA 250**	AK 250 MBA
MBP 400	VF 400 MBP	**MBM 400**	MF 400 MBM	**MBS 400**	SMF 400 MBS	**MBA 400**	AK 400 MBA

* Valid if ''SMF'' filter cartridge is installed upstream.

MICROPOR G Alternative Filter Elements

MIKROPOR G Aluminium end caps	P	X	Y	A
				
Particle retention	**3 µm**	**1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	3	3	2	1*
Oils -q. class (ISO 8573-1)	-	-	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	20	20	80	60

P		X		Y		A	
MIKROPOR	**ultrafilter**	**MIKROPOR**	**ultrafilter**	**MIKROPOR**	**ultrafilter**	**MIKROPOR**	**ultrafilter**
G24 P	VF M24 P AL	**G24 X**	FF M24 X AL	**G24 Y**	SMF M24 Y AL	**G24 A**	AK M24 A AL
G48 P	VF M48 P AL	**G48 X**	FF M48 X AL	**G48 Y**	SMF M48 Y AL	**G48 A**	AK M48 A AL
G25 P	VF M25 P AL	**G25 X**	FF M25 X AL	**G25 Y**	SMF M25 Y AL	**G25 A**	AK M25 A AL
G50 P	VF M50 P AL	**G50 X**	FF M50 X AL	**G50 Y**	SMF M50 Y AL	**G50 A**	AK M50 A AL
G100 P	VF M100 P AL	**G100 X**	FF M100 X AL	**G100 Y**	SMF M100 Y/S AL	**G100 A**	AK M100 A AL
G150 P	VF M150 P AL	**G150 X**	FF M150 X AL	**G150 Y**	SMF M150 Y AL	**G150 A**	AK M150 A AL
G200 P	VF M200 P AL	**G200 X**	FF M200 X AL	**G200 Y**	SMF M200 Y AL	**G200 A**	AK M200 A AL
G250 P	VF M250 P AL	**G250 X**	FF M250 X AL	**G250 Y**	SMF M250 Y AL	**G250 A**	AK M250 A AL
G300 P	VF M300 P AL	**G300 X**	FF M300 X AL	**G300 Y**	SMF M300 Y AL	**G300 A**	AK M300 A AL
G500 P	VF M500 P AL	**G500 X**	FF M500 X AL	**G500 Y**	SMF M500 Y AL	**G500 A**	AK M500 A AL
G600 P	VF M600 P AL	**G600 X**	FF M600 X AL	**G600 Y**	SMF M600 Y AL	**G600 A**	AK M600 A AL
G851 P	VF M851 P AL	**G851 X**	FF M851 X AL	**G851 Y**	SMF M851 Y AL	**G851 A**	AK M851 A AL
G1210 P	VF M1210 P AL	**G1210 X**	FF M1210 X AL	**G1210 Y**	SMF M1210 Y AL	**G1210 A**	AK M1210 A AL
G1510 P	VF M1510 P AL	**G1510 X**	FF M1510 X AL	**G1510 Y**	SMF M1510 Y AL	**G1510 A**	AK M1510 A AL
G1810 P	VF M1810 P AL	**G1810 X**	FF M1810 X AL	**G1810 Y**	SMF M1810 Y AL	**G1810 A**	AK M1810 A AL
G2210 P	VF M2210 P AL	**G2210 X**	FF M2210 X AL	**G2210 Y**	SMF M2210 Y AL	**G2210 A**	AK M2210 A AL

* Valid if ''SMF'' filter cartridge is installed upstream.

OMI Alps Alternative Filter Elements

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OMI Alps Plastic end caps	QF	PF	HF	CF
				
Particle retention	**3 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	2	2	1*
Oils -q. class (ISO 8573-1)	-	2	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	50	80	60

QF		PF		HF		CF	
OMI	**ultrafilter**	**OMI**	**ultrafilter**	**OMI**	**ultrafilter**	**OMI**	**ultrafilter**
0030AQF	VF A30 QF	**0030APF**	MF A30 PF	**0030AHF**	SMF A30 HF	**0030ACF**	AK A30 CF
0040AQF	VF A40 QF	**0040APF**	MF A40 PF	**0040AHF**	SMF A40 HF	**0040ACF**	AK A40 CF
0075AQF	VF A75 QF	**0075APF**	MF A75 PF	**0075AHF**	SMF A75 HF	**0075ACF**	AK A75 CF
0110AQF	VF A110 QF	**0110APF**	MF A110 PF	**0110AHF**	SMF A110 HF	**0110ACF**	AK A110 CF
0190AQF	VF A190 QF	**0190APF**	MF A190 PF	**0190AHF**	SMF A190 HF	**0190ACF**	AK A190 CF
0260AQF	VF A260 QF	**0260APF**	MF A260 PF	**0260AHF**	SMF A260 HF	**0260ACF**	AK A260 CF
0400AQF	VF A400 QF	**0400APF**	MF A400 PF	**0400AHF**	SMF A400 HF	**0400ACF**	AK F400 CF
0500AQF	VF A600 QF	**0500APF**	MF A500 PF	**0500AHF**	SMF A500 HF	**0500ACF**	AK F500 CF
0800AQF	VF A800 QF	**0800APF**	MF A800 PF	**0800AHF**	SMF A800 HF	**0800ACF**	AK F800 CF
1000AQF	VFA1000 QF	**1000APF**	MF A1000 PF	**1000AHF**	SMF A1000 HF	**1000ACF**	AK F1000 CF
1300AQF	VF A1300 QF	**1300APF**	MF A1300 PF	**1300AHF**	SMF A1300 HF	**1300ACF**	AK F1300 CF
1560AQF	VF A1560 QF	**1560APF**	MF A1560 PF	**1560AHF**	SMF A1560 HF	**1560ACF**	AK F1560 CF
1830AQF	VF A1830 QF	**1830APF**	MF A1830 PF	**1830AHF**	SMF A1830 HF	**1830ACF**	AK F1830 CF
2700AQF	VF A2700 QF	**2700APF**	MF A2700 PF	**2700AHF**	SMF A2700 HF	**2700ACF**	AK F2700 CF

* Valid if ''SMF'' filter cartridge is installed upstream.

OMI (old) Alternative Filter Elements

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	QF	PF	HF	CF
OMI (old) **Plastic end caps**				
Particle retention	**3 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	2	2	1*
Oils -q. class (ISO 8573-1)	-	2	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	50	80	60

QF			PF			HF			CF		
OMI old	**OMI**	**ultrafilter**	**OMI old**	**OMI**	**ultrafilter**	**OMI old**	**OMI**	**ultrafilter**	**OMI old**	**OMI**	**ultrafilter**
0004 QF	**0005 QF**	VF 0004 QF	**0004 PF**	**0005 PF**	MF 0004 PF	**0004 HF**	**0005 HF**	SMF 0004 HF	**0004 CF**	**0005 CF**	AK 0004 CF
0008 QF	**0010 QF**	VF 0008 QF	**0008 PF**	**0010 PF**	MF 0008 PF	**0008 HF**	**0010 HF**	SMF 0008 HF	**0008 CF**	**0010 CF**	AK 0008 CF
0016 QF	**0018 QF**	VF 0016 QF	**0016 PF**	**0018 PF**	MF 0016 PF	**0016 HF**	**0018 HF**	SMF 0016 HF	**0016 CF**	**0018 CF**	AK 0016 CF
/	**0030 QF**	VF 0030 QF	**/**	**0030 PF**	MF 0030 PF	**/**	**0030 HF**	SMF 0030 HF	**/**	**0030 CF**	AK 0030 CF
0025 QF	**0034 QF**	VF 0025 QF	**0025 PF**	**0034 PF**	MF 0025 PF	**0025 HF**	**0034 HF**	SMF 0025 HF	**0025 CF**	**0034 CF**	AK 0025 CF
0036 QF	**0050 QF**	VF 0036 QF	**0036 PF**	**0050 PF**	MF 0036 PF	**0036 HF**	**0050 HF**	SMF 0036 HF	**0036 CF**	**0050 CF**	AK 0036 CF
/	**0072 QF**	VF 0072 QF	**/**	**0072 PF**	MF 0072 PF	**/**	**0072 HF**	SMF 0072 HF	**/**	**0072 CF**	AK 0072 CF
0060 QF	**0095 QF**	VF 0060 QF	**0060 PF**	**0095 PF**	MF 0060 PF	**0060 HF**	**0095 HF**	SMF 0060 HF	**0060 CF**	**0095 CF**	AK 0060 CF
0070 QF	**/**	VF 0070 QF	**0070 PF**	**/**	MF 0070 PF	**0070 HF**	**/**	SMF 0070 HF	**0070 CF**	**/**	AK 0070 CF
0090 QF	**0125 QF**	VF 0090 QF	**0090 PF**	**0125 PF**	MF 0090 PF	**0090 HF**	**0125 HF**	SMF 0090 HF	**0090 CF**	**0125 CF**	AK 0090 CF
0120 QF	**0165 QF**	VF 0120 QF	**0120 PF**	**0165 PF**	MF 0120 PF	**0120 HF**	**0165 HF**	SMF 0120 HF	**0120 CF**	**0165 CF**	AK 0120 CF
/	**0190 QF**	VF 0190 QF	**/**	**0190 PF**	MF 0190 PF	**/**	**0190 HF**	SMF 0190 HF	**/**	**0190 CF**	AK 0190 CF
0185 QF	**0220 QF**	VF 0185 QF	**0185 PF**	**0220 PF**	MF 0185 PF	**0185 HF**	**0220 HF**	SMF 0185 HF	**0185 CF**	**0220 CF**	AK 0185 CF
/	**0280 QF**	VF 0280 QF	**/**	**0280 PF**	MF 0280 PF	**/**	**0280 HF**	SMF 0280 HF	**/**	**0280 CF**	AK 0280 CF
/	**0350 QF**	VF 0350 QF	**/**	**0350 PF**	MF 0350 PF	**/**	**0350 HF**	SMF 0350 HF	**/**	**0350 CF**	AK 0350 CF
/	**0440 QF**	VF 0440 QF	**/**	**0440 PF**	MF 0440 PF	**/**	**0440 HF**	SMF 0440 HF	**/**	**0440 CF**	AK 0440 CF

* Valid if ''SMF'' filter cartridge is installed upstream.

ORION (new) Alternative Filter Elements

ORION (new) Aluminium end caps	DSF	LSF	MSF	KSF
				
Particle retention	**3 µm**	**1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	3	2	1*
Oils -q. class (ISO 8573-1)	-	-	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	20	80	60

DSF		LSF		MSF		KSF	
ORION	**ultrafilter**	**ORION**	**ultrafilter**	**ORION**	**ultrafilter**	**ORION**	**ultrafilter**
DSF 75	VF 75 DSF AI	**LSF 75**	FF 75 LSF AI	**MSF 75**	SMF 75 MSF AI	**KSF 75**	AK 75 KSF AI
DSF 150	VF 150 DSF AI	**LSF 150**	FF 150 LSF AI	**MSF 150**	SMF 150 MSF AI	**KSF 150**	AK 150 KSF AI
DSF 200	VF 200 DSF AI	**LSF 200**	FF 200 LSF AI	**MSF 200**	SMF 200 MSF AI	**KSF 200**	AK 200 KSF AI
DSF 250	VF 250 DSF AI	**LSF 250**	FF 250 LSF AI	**MSF 250**	SMF 250 MSF AI	**KSF 250**	AK 250 KSF AI
DSF 400	VF 400 DSF AI	**LSF 400**	FF 400 LSF AI	**MSF 400**	SMF 400 MSF AI	**KSF 400**	AK 400 KSF AI
DSF 700	VF 700 DSF AI	**LSF 700**	FF 700 LSF AI	**MSF 700**	SMF 700 MSF AI	**KSF 700**	AK 700 KSF AI
DSF 1000	VF 1000 DSF AI	**LSF 1000**	FF 1000 LSF AI	**MSF 1000**	SMF 1000 MSF AI	**KSF 1000**	AK 1000 KSF AI
DSF 1300	VF 1300 DSF AI	**LSF 1300**	FF 1300 LSF AI	**MSF 1300**	SMF 1300 MSF AI	**KSF 1300**	AK 1300 KSF AI
DSF 2000	VF 2000 DSF AI	**LSF 2000**	FF 2000 LSF AI	**MSF 2000**	SMF 2000 MSF AI	**KSF 2000**	AK 2000 KSF AI

* Valid if ''SMF'' filter cartridge is installed upstream.

PNEUMATECH (new)

Alternative Filter Elements

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PNEUMATECH (new) Plastic end caps	P	G	C	V
				
Particle retention	**1 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	3	2	2	1*
Oils -q. class (ISO 8573-1)	-	2	1	1
Filter media	borosilicate micro fibres			activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	20	50	80	60

P		G		C		V	
PNEUMATECH	**ultrafilter**	**PNEUMATECH**	**ultrafilter**	**PNEUMATECH**	**ultrafilter**	**PNEUMATECH**	**ultrafilter**
1 P	FF 1 P	**1 G**	MF 1 G	**1 C**	SMF 1 C	**1 V**	AK 1 V
2 P	FF 2 P	**2 G**	MF 2 G	**2 C**	SMF 2 C	**2 V**	AK 2 V
3 P	FF 3 P	**3 G**	MF 3 G	**3 C**	SMF 3 C	**3 V**	AK 3 V
4 P	FF 4 P	**4 G**	FM 4 G	**4 C**	SMF 4 C	**4 V**	AK 4 V
5 P	FF 5 P	**5 G**	MF 5 G	**5 C**	SMF 5 C	**5 V**	AK 5 V
6 P	FF 6 P	**6 G**	MF 6 G	**6 C**	SMF 6 C	**6 V**	AK 6 V
7 P	FF 7 P	**7 G**	MF 7 G	**7 C**	SMF 7 C	**7 V**	AK 7 V
8 P	FF 8 P	**8 G**	MF 8 G	**8 C**	SMF 8 C	**8 V**	AK 8 V
9 P	FF 9 P	**9 G**	MF 9 G	**9 C**	SMF 9 C	**9 V**	AK 9 V
10 P	FF 10 P	**10 G**	MF 10 G	**10 C**	SMF 10 C	**10 V**	AK 10 V
11 P	FF 11 P	**11 G**	MF 11 G	**11 C**	SMF 11 C	**11 V**	AK 11 V

* Valid if ''SMF'' filter cartridge is installed upstream.

PNEUMATECH (old) Alternative Filter Elements

PNEUMATECH (old) Plastic end caps	MBP	MBM	MBS	MBA
				
Particle retention	**3 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	2	2	1*
Oils -q. class (ISO 8573-1)	-	2	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	50	80	60

MBP		MBM		MBS		MBA	
PNEUMATECH	ultrafilter	PNEUMATECH	ultrafilter	PNEUMATECH	ultrafilter	PNEUMATECH	ultrafilter
MBP 35	VF 35 MBP	**MBM 35**	MF 35 MBM	**MBS 35**	SMF 35 MBS	**MBA 35**	AK 35 MBA
MBP 50	VF 50 MBP	**MBM 50**	MF 50 MBM	**MBS 50**	SMF 50 MBS	**MBA 50**	AK 50 MBA
MBP 75	VF 75 MBP	**MBM 75**	MF 75 MBM	**MBS 75**	SMF 75 MBS	**MBA 75**	AK 75 MBA
MBP 120	VF 120 MBP	**MBM 120**	MF 120 MBM	**MBS 120**	SMF 120 MBS	**MBA 120**	AK 120 MBA
MBP 200	VF 200 MBP	**MBM 200**	MF 200 MBM	**MBS 200**	SMF 200 MBS	**MBA 200**	AKS200 MBA
MBP 300	VF 300 MBP	**MBM 300**	MF 300 MBM	**MBS 300**	SMF 300 MBS	**MBA 300**	AK 300 MBA
MBP 460	VF 460 MBP	**MBM 460**	MF 460 MBM	**MBS 460**	SMF 460 MBS	**MBA 460**	AK 460 MBA
MBP 600	VF 600 MBP	**MBM 600**	MF 600 MBM	**MBS 600**	SMF 600 MBS	**MBA 600**	AK 600 MBA
MBP 900	VF 900 MBP	**MBM 900**	MF 900 MBM	**MBS 900**	SMF 900 MBS	**MBA 900**	AK 900 MBA
MBP 1250	VF 1250 MBP	**MBM 1250**	MF 1250 MBM	**MBS 1250**	SMF 1250 MBS	**MBA 1250**	AK 1250 MBA
MBP 1500	VF 1500 MBP	**MBM 1500**	MF 1500 MBM	**MBS 1500**	SMF 1500 MBS	**MBA 1500**	AK 1500 MBA

* Valid if ''SMF'' filter cartridge is installed upstream.

PREVOST MICRO

Alternative Filter Elements

PREVOST MICRO Plastic end caps	M	B	C
			
Particle retention	**1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	3	2	1*
Oils -q. class (ISO 8573-1)	-	1	1
Filter media	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	20	80	60

	M		B		C	
	PREVOST	**ultrafilter**	**PREVOST**	**ultrafilter**	**PREVOST**	**ultrafilter**
	101-MFMC	FF A101 M	**201-MFBC**	SMF A201 B	**301-MFCC**	AK A301 C
	102-MFMC	FF A102 M	**202-MFBC**	SMF A202 B	**302-MFCC**	AK A302 C
	103-MFMC	FF A103 M	**203-MFBC**	SMF A203 B	**303-MFCC**	AK A303 C
	104-MFMC	FF A104 M	**204-MFBC**	SMF A204 B	**304-MFCC**	AK A304 C
	105-MFMC	FF A105 M	**205-MFBC**	SMF A205 B	**305-MFCC**	AK A305 C
	106-MFMC	FF A106 M	**206-MFBC**	SMF A206 B	**306-MFCC**	AK A306 C
	107-MFMC	FF A107 M	**207-MFBC**	SMF A207 B	**307-MFCC**	AK A307 C
	108-MFMC	FF A108 M	**208-MFBC**	SMF A208 B	**308-MFCC**	AK A308 C
	109-MFMC	FF A109 M	**209-MFBC**	SMF A209 B	**309-MFCC**	AK A309 C
	110-MFMC	FF A110 M	**210-MFBC**	SMFA210 B	**310-MFCC**	AK A310 C
	111-MFMC	FF A111 M	**211-MFBC**	SMF A211 B	**311-MFCC**	AK A311 C
	112-MFMC	FF A112 M	**212-MFBC**	SMF A212 B	**312-MFCC**	AK A312 C
	113-MFMC	FF A113 M	**213-MFBC**	SMF A213 B	**313-MFCC**	AK A313 C
	114-MFMC	FF A114 M	**214-MFBC**	SMF A214 B	**314-MFCC**	AK A314 C

* Valid if ''SMF'' filter cartridge is installed upstream.

PREVOST Alternative Filter Elements

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PREVOST Aluminium end caps	M	S	C
			
Particle retention	**1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	3	2	1*
Oils -q. class (ISO 8573-1)	-	1	1
Filter media	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	20	80	60

M		S		C	
PREVOST	**ultrafilter**	**PREVOST**	**ultrafilter**	**PREVOST**	**ultrafilter**
MCAM 101	FF 101 M Al	**MCAM 201**	SMF 201 S Al	**MCAM 301**	AK 301 C Al
MCAM 102	FF 102 M Al	**MCAM 202**	SMF 202 S Al	**MCAM 302**	AK 302 C Al
MCAM 103	FF 103 M Al	**MCAM 203**	SMF 203 S Al	**MCAM 303**	AK 303 C Al
MCAM 104	FF 104 M Al	**MCAM 204**	SMF 204 S Al	**MCAM 304**	AK 304 C Al
MCAM 105	FF 105 M Al	**MCAM 205**	SMF 205 S Al	**MCAM 305**	AK 305 C Al
MCAM 106	FF 106 M Al	**MCAM 206**	SMF 206 S Al	**MCAM 306**	AK 306 C Al
MCAM 107	FF 107 M Al	**MCAM 207**	SMF 207 S Al	**MCAM 307**	AK 307 C Al
MCAM 108	FF 108 M Al	**MCAM 208**	SMF 208 S Al	**MCAM 308**	AK 308 C Al
MCAM 109	FF 109 M Al	**MCAM 209**	SMF 209 S Al	**MCAM 309**	AK 309 C Al
MCAM 110	FF 110 M Al	**MCAM 210**	SMF 210 S Al	**MCAM 310**	AK 310 C Al
MCAM 111	FF 111 M Al	**MCAM 211**	SMF 211 S Al	**MCAM 311**	AK 311 C Al

* Valid if ''SMF'' filter cartridge is installed upstream.

PUSKA Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

PUSKA Plastic end caps	MBP	MBM	MBS	MBA
				
Particle retention	**3 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	2	2	1*
Oils -q. class (ISO 8573-1)	-	2	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	50	80	60

MBP		MBM		MBS		MBA	
PUSKA	**ultrafilter**	**PUSKA**	**ultrafilter**	**PUSKA**	**ultrafilter**	**PUSKA**	**ultrafilter**
MBP 10	VF 10 MBP	**MBM 10**	MF 10 MBM	**MBS 10**	SMF 10 MBS	**MBA 10**	AK 10 MBA
MBP 13	VF 13 MBP	**MBM 13**	MF 13 MBM	**MBS 13**	SMF 13 MBS	**MBA 13**	AK 13 MBA
MBP 20	VF 20 MBP	**MBM 20**	MF 20 MBM	**MBS 20**	SMF 20 MBS	**MBA 20**	AK 20 MBA
MBP 33	VF 33 MBP	**MBM 33**	MF 33 MBM	**MBS 33**	SMF 33 MBS	**MBA 33**	AK 33 MBA
MBP 60	VF 60 MBP	**MBM 60**	MF 60 MBM	**MBS 60**	SMF 60 MBS	**MBA 60**	AK 60 MBA
MBP 85	VF 85 MBP	**MBM 85**	MF 85 MBM	**MBS 85**	SMF 85 MBS	**MBA 85**	AK 85 MBA
MBP 130	VF 130 MBP	**MBM 130**	MF 130 MBM	**MBS 130**	SMF 130 MBS	**MBA 130**	AK 130 MBA
MBP 170	VF 170 MBP	**MBM 170**	MF 170 MBM	**MBS 170**	SMF 170 MBS	**MBA 170**	AK 170 MBA
MBP 250	VF 250 MBP	**MBM 250**	MF 250 MBM	**MBS 250**	SMF 250 MBS	**MBA 250**	AK 250 MBA
MBP 400	VF 400 MBP	**MBM 400**	MF 400 MBM	**MBS 400**	SMF 400 MBS	**MBA 400**	AK 400 MBA

* Valid if ''SMF'' filter cartridge is installed upstream.

SCHNEIDER Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

SCHNEIDER Plastic end caps	VP	FP	AP
			
Particle retention	**3 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	2	1*
Oils -q. class (ISO 8573-1)	-	1	1
Filter media	acrylic fibres, cellulose		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	80	60

	VP		FP		AP	
	SCHNEIDER	ultrafilter	SCHNEIDER	ultrafilter	SCHNEIDER	ultrafilter
	F-VP 6	VF 6 VP	**F-FP 6**	SMF 6 FP	**F-AP 6**	AK 6 AP
	F-VP 10	VF 10 VP	**F-FP 10**	SMF 10 FP	**F-AP 10**	AK 10 AP
	F-VP 15	VF 15 VP	**F-FP 15**	SMF 15 FP	**F-AP 15**	AK 15 AP
	F-VP 30	VF 30 VP	**F-FP 30**	SMF 30 FP	**F-AP 30**	AK 30 AP
	F-VP 45	VF 45 VP	**F-FP 45**	SMF 45 FP	**F-AP 45**	AK 45 AP
	F-VP 80	VF 80 VP	**F-FP 80**	SMF 80 FP	**F-AP 80**	AK 80 AP

* Valid if ''SMF'' filter cartridge is installed upstream.

SMC Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

SMC Aluminium end caps	AFF	AM	AMD	AMF
				
Particle retention	**3 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	2	2	1*
Oils -q. class (ISO 8573-1)	-	2	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	50	80	60

AFF		AM		AMD		AMF	
SMC	**ultrafilter**	**SMC**	**ultrafilter**	**SMC**	**ultrafilter**	**SMC**	**ultrafilter**
AFF-EL150	VF 150 AFF AI	**AM-EL150**	MF 150 AM AI	**AMD-EL150**	SMF 150 AMD AI	**AMF-EL150**	AK 150 AMF AI
AFF-EL250	VF 250 AFF AI	**AM-EL250**	MF 250 AM AI	**AMD-EL250**	SMF 250 AMD AI	**AMF-EL250**	AK 250 AMF AI
AFF-EL350	VF 350 AFF AI	**AM-EL350**	MF 350 AM AI	**AMD-EL350**	SMF 350 AMD AI	**AMF-EL350**	AK 350 AMF AI
AFF-EL450	VF 450 AFF/AI	**AM-EL450**	MF 450 AM/AI	**AMD-EL450**	SMF 450 AMD AI	**AMF-EL450**	AK 450 AMF/AI
AFF-EL550	VF 550 AFF AI	**AM-EL550**	MF 550 AM AI	**AMD-EL550**	SMF 550 AMD AI	**AMF-EL550**	AK 550 AMF AI
AFF-EL650	VF 650 AFF AI	**AM-EL650**	MF 650 AM AI	**AMD-EL650**	SMF 650 AMD AI	**AMF-EL650**	AK 650 AMF AI
AFF-EL850	VF 850 AFF AI	**AM-EL850**	MF 850 AM AI	**AMD-EL850**	SMF 850 AMD AI	**AMF-EL850**	AK 850 AMF AI

* Valid if ''SMF'' filter cartridge is installed upstream.

SPX NGF Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

SPX NGF Plastic end caps	SF	PF	HF	CF
				
Particle retention	**3 µm**	**1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	3	2	1*
Oils -q. class (ISO 8573-1)	-	-	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	20	80	60

SF		PF		HF		CF	
SPX	**ultrafilter**	**SPX**	**ultrafilter**	**SPX**	**ultrafilter**	**SPX**	**ultrafilter**
02-SF	VF 02 SF	**02-PF**	FF 02 PF	**02-HF**	SMF 02 HF	**02-CF**	AK 02 CF
03-SF	VF 03 SF	**03-PF**	FF 03 PF	**03-HF**	SMF 03 HF	**03-CF**	AK 03 CF
04-SF	VF 04 SF	**04-PF**	FF 04 PF	**04-HF**	SMF 04 HF	**04-CF**	AK 04 CF
06-SF	VF 06 SF	**06-PF**	FF 06 PF	**06-HF**	SMF 06 HF	**06-CF**	AK 06 CF
07-SF	VF 07 SF	**07-PF**	FF 07 PF	**07-HF**	SMF 07 HF	**07-CF**	AK 07 CF
08-SF	VF 08 SF	**08-PF**	FF 08 PF	**08-HF**	SMF 08 HF	**08-CF**	AK 08 CF
10-SF	VF 10 SF	**10-PF**	FF 10 PF	**10-HF**	SMF 10 HF	**10-CF**	AK 10 CF
11-SF	VF 11 SF	**11-PF**	FF 11 PF	**11-HF**	SMF 11 HF	**11-CF**	AK 11 CF
12-SF	VF 12 SF	**12-PF**	FF 12 PF	**12-HF**	SMF 12 HF	**12-CF**	AK 12 CF
13-SF	VF 13 SF	**13-PF**	FF 13 PF	**13-HF**	SMF 13 HF	**13-CF**	AK 13 CF
14-SF	VF 14 SF	**14-PF**	FF 14 PF	**14-HF**	SMF 14 HF	**14-CF**	AK 14 CF
15-SF	VF 15 SF	**15-PF**	FF 15 PF	**15-HF**	SMF 15 HF	**15-CF**	AK 15 CF
16-SF	VF 16 SF	**16-PF**	FF 16 PF	**16-HF**	SMF 16 HF	**16-CF**	AK 16 CF
17-SF	VF 17 SF	**17-PF**	FF 17 PF	**17-HF**	SMF 17 HF	**17-CF**	AK 17 CF

* Valid if ''SMF'' filter cartridge is installed upstream.

SULLAIR Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

SULLAIR Plastic end caps	SCF	SCH	SCC
			
Particle retention	**1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	3	2	1*
Oils -q. class (ISO 8573-1)	-	1	1
Filter media	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	20	80	60

	SCF		SCH		SCC	
	SULLAIR	**ultrafilter**	**SULLAIR**	**ultrafilter**	**SULLAIR**	**ultrafilter**
	20 SCF	FF 20 SCF	**20 SCH**	SMF 20 SCH	**20 SCC**	AK 20 SCC
	40 SCF	FF 40 SCF	**40 SCH**	SMF 40 SCH	**40 SCC**	AK 40 SCC
	65 SCF	FF 65 SCF	**65 SCH**	SMF 65 SCH	**65 SCC**	AK 65 SCC
	125 SCF	FF 125 SCF	**125 SCH**	SMF 125 SCH	**125 SCC**	AK 125 SCC
	235 SCF	FF 235 SCF	**235 SCH**	SMF 235 SCH	**235 SCC**	AK 235 SCC
	340 SCF	FF 340 SCF	**340 SCH**	SMF 340 SCH	**340 SCC**	AK 340 SCC
	465 SCF	FF 465 SCF	**465 SCH**	SMF 465 SCH	**465 SCC**	AK 465 SCC
	700 SCF	FF 700 SCF	**700 SCH**	SMF 700 SCH	**700 SCC**	AK 700 SCC
	910 SCF	FF 910 SCF	**910 SCH**	SMF 910 SCH	**910 SCC**	AK 910 SCC
	1315 SCF	FF 1315 SCF	**1315 SCH**	SMF 1315 SCH	**1315 SCC**	AK 1315 SCC
	2120 SCF	FF 2120 SCF	**2120 SCH**	SMF 2120 SCH	**2120 SCC**	AK 2120 SCC

* Valid if ''SMF'' filter cartridge is installed upstream.

WALKER OWA Alfa

Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

	X5	X1	XA	AC
WALKER OWA Alfa **Plastic end caps**				
Particle retention	**3 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	2	2	1*
Oils -q. class (ISO 8573-1)	-	2	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	50	80	60

X5		X1		XA		AC	
WALKER	**ultrafilter**	**WALKER**	**ultrafilter**	**WALKER**	**ultrafilter**	**WALKER**	**ultrafilter**
E0304 X5	VF E0304 X5	**E0304 X1**	MF E0304 X1	**E0304 XA**	SMF E0304 XA	**E0304 AC**	AK E0304 AC
E0305 X5	VF E0305 X5	**E0305 X1**	MF E0305 X1	**E0305 XA**	SMF E0305 XA	**E0305 AC**	AK E0305 AC
E0406 X5	VF E0406 X5	**E0406 X1**	MF E0406 X1	**E0406 XA**	SMF E0406 XA	**E0406 AC**	AK E0406 AC
E0407 X5	VF E0407 X5	**E0407 X1**	MF E0407 X1	**E0407 XA**	SMF E0407 XA	**E0407 AC**	AK E0407 AC
E0413 X5	VF E0413 X5	**E0413 X1**	MF E0413 X1	**E0413 XA**	SMF E0413 XA	**E0413 AC**	AK E0413 AC
E0613 X5	VF E0613 X5	**E0613 X1**	MF E0613 X1	**E0613 XA**	SMF E0613 XA	**E0613 AC**	AK E0613 AC
E0620 X5	VF E0620 X5	**E0620 X1**	MF E0620 X1	**E0620 XA**	SMF E0620 XA	**E0620 AC**	AK E0620 AC
E0625 X5	VF E0625 X5	**E0625 X1**	MF E0625 X1	**E0625 XA**	SMF E0625 XA	**E0625 AC**	AK E0625 AC
E0730 X5	VF E0730 X5	**E0730 X1**	MF E0730 X1	**E0730 XA**	SMF E0730 XA	**E0730 AC**	AK E0730 AC
E0830 X5	VF E0830 X5	**E0830 X1**	MF E0830 X1	**E0830 XA**	SMF E0830 XA	**E0830 AC**	AK E0830 AC
E0860 X5	VF E0860 X5	**E0860 X1**	MF E0860 X1	**E0860 XA**	SMF E0860 XA	**E0860 AC**	AK E0860 AC
E1140 X5	VF E1140 X5	**E1140 X1**	MF E1140 X1	**E1140 XA**	SMF E1140 XA	**E1140 AC**	AK E1140 AC
E1160 X5	VF E1160 X5	**E1160 X1**	MF E1160 X1	**E1160 XA**	SMF E1160 XA	**E1160 AC**	AK E1160 AC
E1175 X5	VF E1175 X5	**E1175 X1**	MF E1175 X1	**E1175 XA**	SMF E1175 XA	**E1175 AC**	AK E1175 AC

* Valid if ''SMF'' filter cartridge is installed upstream.

WALKER Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

WALKER Aluminium end caps	X5	X1	XA	AC	MV
					
Particle retention	**3 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**	**medical vacuum**
Solids - q. class (ISO 8573-1)	6	2	2	1*	-
Oils -q. class (ISO 8573-1)	-	2	1	1	-
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon	-
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45	1,5 to 65
Diff. pressure (new) [mbar]	10	50	80	60	-

X5		X1		XA		AC		MV	
WALKER	**ultrafilter**	**WALKER**	**ultrafilter**	**WALKER**	**ultrafilter**	**WALKER**	**ultrafilter**	**WALKER**	**ultrafilter**
E361-X5	VF E361 X5 AI	**E361-X1**	MF E361 X1 AI	**E361-XA**	SMF E361 XA AI	**E361-AC**	AK E361 AC AI	**E511 MV**	FFMV E521 MV AI
E371-X5	VF E371 X5 AI	**E371-X1**	MF E371 X1 AI	**E371-XA**	SMF E371 XA AI	**E381-AC**	AK E381 AC AI	**E521 MV**	FFMV E521 MV AI
-	-	**-**	-	**-**	-	**E371-AC**	AK E371 AC AI	**E811 MV**	FFMV E811 MV AI
E511-X5	VF E511 X5 AI	**E511-X1**	MF E511 X1 AI	**E511-XA**	SMF E511 XA AI	**E511-AC**	AK E511 AC AI	**E821 MV**	FFMV E821 MV AI
E711-X5	VF E711 X5 AI	**E711-X1**	MF E711 X1 AI	**E711-XA**	SMF E711 XA AI	**E711-AC**	AK E711 AC AI	**E831 MV**	FFMV E831 MV AI
E811-X5	VF E811 X5 AI	**E811-X1**	MF E811 X1 AI	**E811-XA**	SMF E811 XA AI	**E811-AC**	AK E811 AC AI	**E851 MV**	FFMV E851 MV AI
E731-X5	VF E731 X5 AI	**E731-X1**	MF E731 X1 AI	**E731-XA**	SMF E731 XA AI	**E731-AC**	AK E731 AC AI	**E1261 MV**	FFMV E1261 MV AI
E821-X5	VF E821 X5 AI	**E821-X1**	MF E821 X1 AI	**E821-XA**	SMF E821 XA AI	**E821-AC**	AK E821 AC AI	**E1281 MV**	FFMV E1281 MV AI
E831-X5	VF E831 X5 AI	**E831-X1**	MF E831 X1 AI	**E831-XA**	SMF E831 XA AI	**E831-AC**	AK E831 AC AI	**E139 MV**	FFMV E139 MV AI
E851-X5	VF E851 X5 AI	**E851-X1**	MF E851 X1 AI	**E851-XA**	SMF E851 XA AI	**E851-AC**	AK E851 AC AI	**E88 MV**	FFMV E88 MV AI
E1251-X5	VF E1251 X5 AI	**E1251-X1**	MF E1251 X1 AI	**E1251-XA**	SMF E1251 XA AI	**E1251-AC**	AK E1251 AC AI		
E1261-X5	VF E1261 X5 AI	**E1261-X1**	MF E1261 X1 AI	**E1261-XA**	SMF E1261 XA AI	**E1261-AC**	AK E1261 AC AI		
E1281-X5	VF E1281 X5 AI	**E1281-X1**	MF E1281 X1 AI	**E1281-XA**	SMF E1281 XA AI	**E1281-AC**	AK E1281 AC AI		

* Valid if ''SMF'' filter cartridge is installed upstream.

WALKER HP Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

WALKER HP Aluminium end caps	X5	X1	XA	AC
				
Particle retention	**3 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	2	2	1*
Oils -q. class (ISO 8573-1)	-	2	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	50	80	60

X5		X1		XA		AC	
WALKER	ultrafilter	WALKER	ultrafilter	WALKER	ultrafilter	WALKER	ultrafilter
E50-X5	VF E50 X5 AI	**E50-X1**	MF E50 X1 AI	**E50-XA**	SMF E50 XA AI	**E50-AC**	AK E50 AC AI
E51-X5	VF E51 X5 AI	**E51-X1**	MF E51 X1 AI	**E51-XA**	SMF E51 XA AI	**E51-AC**	AK E51 AC AI
E52-X5	VF E52 X5 AI	**E52-X1**	MF E52 X1 AI	**E52-XA**	SMF E52 XA AI	**E52-AC**	AK E52 AC AI
E715-X5	VF E715 X5 AI	**E715-X1**	MF E715 X1 AI	**E715-XA**	SMF E715 XA AI	**E715-AC**	AK E715 AC AI
E730-X5	VF E730 X5 AI	**E730-X1**	MF E730 X1 AI	**E730-XA**	SMF E730 XA AI	**E730-AC**	AK E730 AC AI
E830-X5	VF E830 X5 AI	**E830-X1**	MF E830 X1 AI	**E830-XA**	SMF E830 XA AI	**E830-AC**	AK E830 AC AI
E86-X5	VF E86 X5 AI	**E86-X1**	MF E86 X1 AI	**E86-XA**	SMF E86 XA AI	**E86-AC**	AK E86 AC AI

* Valid if ''SMF'' filter cartridge is installed upstream.

WORTHINGTON CREYSSENSAC (new)

Alternative Filter Elements

WORTHINGTON CREYSSENSAC (new) Plastic end caps	P	G	C	V
				
Particle retention	**1 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	3	2	2	1*
Oils -q. class (ISO 8573-1)	-	2	1	1
Filter media	borosilicate micro fibres			activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	20	50	80	60

P		G		C		V	
WORTHINGTON CREYSSENSAC	ultrafilter	WORTHINGTON CREYSSENSAC	ultrafilter	WORTHINGTON CREYSSENSAC	ultrafilter	WORTHINGTON CREYSSENSAC	ultrafilter
FILTER 45	FF 45 P	**FILTER 45**	MF 45 G	**FILTER 45**	SMF 45 C	**FILTER 45**	AK 45 V
FILTER 90	FF 90 P	**FILTER 90**	MF 90 G	**FILTER 90**	SMF 90 C	**FILTER 90**	AK 90 V
FILTER 125	FF 125 P	**FILTER 125**	MF 125 G	**FILTER 125**	SMF 125 C	**FILTER 125**	AK 125 V
FILTER 180	FF 180 P	**FILTER 180**	MF 180 G	**FILTER 180**	SMF 180 C	**FILTER 180**	AK 180 V
FILTER 290	FF 290 P	**FILTER 290**	MF 290 G	**FILTER 290**	SMF 290 C	**FILTER 290**	AK 290 V
FILTER 505	FF 505 P	**FILTER 505**	MF 505 G	**FILTER 505**	SMF 505 C	**FILTER 505**	AK 505 V
FILTER 685	FF 685 P	**FILTER 685**	MF 685 G	**FILTER 685**	SMF 685 C	**FILTER 685**	AK 685 V
FILTER 935	FF 935 P	**FILTER 935**	MF 935 G	**FILTER 935**	SMF 935 C	**FILTER 935**	AK 935 V
FILTER 1295	FF 1295 P	**FILTER 1295**	MF 1295 G	**FILTER 1295**	SMF 1295 C	**FILTER 1295**	AK 1295 V
FILTER 1890	FF 1890 P	**FILTER 1890**	MF 1890 G	**FILTER 1890**	SMF 1890 C	**FILTER 1890**	AK 1890 V
FILTER 2430	FF 2430 P	**FILTER 2430**	MF 2430 G	**FILTER 2430**	SMF 2430 C	**FILTER 2430**	AK 2430 V

* Valid if ''SMF'' filter cartridge is installed upstream.

WORTHINGTON CREYSSENSAC (old)

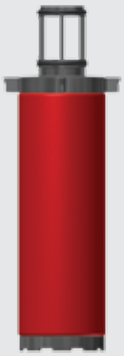
Alternative Filter Elements

WORTHINGTON CREYSSENSAC (old) Plastic end caps	MBP	MBM	MBS	MBA
				
Particle retention	**3 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	2	2	1*
Oils -q. class (ISO 8573-1)	-	2	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	50	80	60

MBP		MBM		MBS		MBA	
WORTHINGTON CREYSSENSAC	ultrafilter	WORTHINGTON CREYSSENSAC	ultrafilter	WORTHINGTON CREYSSENSAC	ultrafilter	WORTHINGTON CREYSSENSAC	ultrafilter
MBP 60	VF 60 MBP	**MBM 60**	MF 60 MBM	**MBS 60**	SMF 60 MBS	**MBA 60**	AK 60 MBA
MBP 80	VF 80 MBP	**MBM 80**	MF 80 MBM	**MBS 80**	SMF 80 MBS	**MBA 80**	AK 80 MBA
MBP 120	VF 120 MBP	**MBM 120**	MF 120 MBM	**MBS 120**	SMF 120 MBS	**MBA 120**	AK 120 MBA
MBP 200	VF 200 MBP	**MBM 200**	MF 200 MBM	**MBS 200**	SMF 200 MBS	**MBA 200**	AK 200 MBA
MBP 340	VF 340 MBP	**MBM 340**	MF 340 MBM	**MBS 340**	SMF 340 MBS	**MBA 340**	AK 340 MBA
MBP 510	VF 510 MBP	**MBM 510**	MF 510 MBM	**MBS 510**	SMF 510 MBS	**MBA 510**	AK 510 MBA
MBP 800	VF 800 MBP	**MBM 800**	MF 800 MBM	**MBS 800**	SMF 800 MBS	**MBA 800**	AK 800 MBA
MBP 1000	VF 1000 MBP	**MBM 1000**	MF 1000 MBM	**MBS 1000**	SMF 1000 MBS	**MBA 1000**	AK 1000 MBA
MBP 1500	VF 1500 MBP	**MBM 1500**	MF 1500 MBM	**MBS 1500**	SMF 1500 MBS	**MBA 1500**	AK 1500 MBA
MBP 2400	VF 2400 MBP	**MBM 2400**	MF 2400 MBM	**MBS 2400**	SMF 2400 MBS	**MBA 2400**	AK 2400 MBA

* Valid if ''SMF'' filter cartridge is installed upstream.

ZANDER GL Alternative Filter Elements

ZANDER GL Plastic end caps	VL	ZL	XL	A
				
Particle retention	**3 µm**	**1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	3	2	1*
Oils -q. class (ISO 8573-1)	-	-	1	1
Filter media	acrylic fibres, cellulose	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	20	80	60

VL		ZL		XL		A	
ZANDER	ultrafilter	ZANDER	ultrafilter	ZANDER	ultrafilter	ZANDER	ultrafilter
CP1008VL	VF GL 1008 VL	CP1008ZL	FF GL 1008 ZL	CP1008XL	SMF GL 1008 XL	CP1008A	AK GL 1008 A
CP2010VL	VF GL 2010 VL	CP2010ZL	FF GL 2010 ZL	CP2010XL	SMF GL 2010 XL	CP2010A	AK GL 2010 A
CP2020VL	VF GL 2020 VL	CP2020ZL	FF GL 2020 ZL	CP2020XL	SMF GL 2020 XL	CP2020A	AK GL 2020 A
CP3025VL	VF GL 3025 VL	CP3025ZL	FF GL 3025 ZL	CP3025XL	SMF GL 3025 XL	CP3025A	AK GL 3025 A
CP3040VL	VF GL 3040 VL	CP3040ZL	FF GL 3040 ZL	CP3040XL	SMF GL 3040 XL	CP3040A	AK GL 3040 A
CP4040VL	VF GL 4040 VL	CP4040ZL	FF GL 4040 ZL	CP4040XL	SMF GL 4040 XL	CP4040A	AKGL 4040 A
CP4050VL	VF GL 4050 VL	CP4050ZL	FF GL 4050 ZL	CP4050XL	SMF GL 4050 XL	CP4050A	AK GL 4050 A
CP4065VL	VF GL 4065 VL	CP4065ZL	FF GL 4065 ZL	CP4065XL	SMF GL 4065 XL	CP4065A	AK GL 4065 A
CP5065VL	VF GL 5065 VL	CP5065ZL	FF GL 5065 ZL	CP5065XL	SMF GL 5065 XL	CP5065A	AK GL 5065 A
CP5080VL	VF GL 5080 VL	CP5080ZL	FF GL 5080 ZL	CP5080XL	SMF GL 5080 XL	CP5080A	AK GL 5080 A

* Valid if ''SMF'' filter cartridge is installed upstream.

ZANDER Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

ZANDER Plastic end caps	V	Z (ZP)	Y	X (XP)	A
					
Particle retention	**3 µm**	**1 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	3	2	2	1*
Oils -q. class (ISO 8573-1)	-	-	2	1	1
Filter media	acrylic fibres, cellulose		borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	20	50	80	60

V		Z (ZP)		Y		X (XP)		A	
ZANDER	ultrafilter	ZANDER	ultrafilter	ZANDER	ultrafilter	ZANDER	ultrafilter	ZANDER	ultrafilter
1030 V	VF 2/1-Z	**1030 Z**	FF 2/1-Z	**1030 Y**	MF 2/1-Z	**1030 X**	SMF 2/1-Z	**1030 A**	AK 2/1-Z
1050 V	VF 2/1.5-Z	**1050 Z**	FF 2/1.5-Z	**1050 Y**	MF 2/1.5-Z	**1050 X**	SMF 2/1.5-Z	**1050 A**	AK 2/1.5-Z
1070 V	VF 3/1.5-Z	**1070 Z**	FF 3/1.5-Z	**1070 Y**	MF 3/1.5-Z	**1070 X**	SMF 3/1.5-Z	**1070 A**	AK 3/1.5-Z
1140 V	VF 5/1.5-Z	**1140 Z**	FF 5/1.5-Z	**1140 Y**	MF 5/1.5-Z	**1140 X**	SMF 5/1.5-Z	**1140 A**	AK 5/1.5-Z
2010 V	VF 4/2.5-Z	**2010 Z**	FF 4/2.5-Z	**2010 Y**	MF 4/2.5-Z	**2010 X**	SMF 4/2.5-Z	**2010 A**	AK 4/2.5-Z
2020 V	VF 8/2.5-Z	**2020 Z**	FF 8/2.5-Z	**2020 Y**	MF 8/2.5-Z	**2020 X**	SMF 8/2.5-Z	**2020 A**	AK 8/2.5-Z
2030 V	VF 12/2.5-Z	**2030 Z**	FF 12/2.5-Z	**2030 Y**	MF 12/2.5-Z	**2030 X**	SMF 12/2.5-Z	**2030 A**	AK 12/2.5-Z
2050 V	VF 20/2.5-Z	**2050 Z**	FF 20/2.5-Z	**2050 Y**	MF 20/2.5-Z	**2050 X**	SMF 20/2.5-Z	**2050 A**	AK 20/2.5-Z
3050 V	VF 20/3-Z	**3050 Z**	FF 20/3-Z	**3050 Y**	MF 20/3-Z	**3050 X**	SMF 20/3-Z	**3050 A**	AK 20/3-Z
3075 V	VF 30/3-Z	**3075 Z**	FF 30/3-Z	**3075 Y**	MF 30/3-Z	**3075 X**	SMF 30/3-Z	**3075 A**	AK 30/3-Z
5060 V	VF 24/5-Z	**5060 Z**	FF 24/5-Z	**5060 Y**	MF 24/5-Z	**5060 X**	SMF 24/5-Z	**5060 A**	AK 24/5-Z
5075 V	VF 30/5-Z	**5075 Z**	FF 30/5-Z	**5075 Y**	MF 30/5-Z	**5075 X**	SMF 30/5-Z	**5075 A**	AK 30/5-Z

* Valid if ''SMF'' filter cartridge is installed upstream.

ZANDER Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

ZANDER Aluminium end caps	V	Z (ZP)	Y	X (XP)	A
					
Particle retention	**3 µm**	**1 µm**	**0,1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	6	3	2	2	1*
Oils -q. class (ISO 8573-1)	-	-	2	1	1
Filter media	acrylic fibres, cellulose		borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	10	20	50	80	60

V		Z (ZP)		Y		X (XP)		A	
ZANDER	ultrafilter	ZANDER	ultrafilter	ZANDER	ultrafilter	ZANDER	ultrafilter	ZANDER	ultrafilter
1030 V	VF 2/1-Z	**1030 Z**	FF 2/1-Z	**1030 Y**	MF 2/1-Z	**1030 X**	SMF 2/1-Z	**1030 A**	AK 2/1-Z
1050 V	VF 2/1,5-Z	**1050 Z**	FF 2/1,5-Z	**1050 Y**	MF 2/1,5-Z	**1050 X**	SMF 2/1,5-Z	**1050 A**	AK 2/1,5-Z
1070 V	VF 3/1,5-Z	**1070 Z**	FF 3/1,5-Z	**1070 Y**	MF 3/1,5-Z	**1070 X**	SMF 3/1,5-Z	**1070 A**	AK 3/1,5-Z
1140 V	VF 5/1,5-Z	**1140 Z**	FF 5/1,5-Z	**1140 Y**	MF 5/1,5-Z	**1140 X**	SMF 5/1,5-Z	**1140 A**	AK 5/1,5-Z
2010 V	VF 4/2,5-Z	**2010 Z**	FF 4/2,5-Z	**2010 Y**	MF 4/2,5-Z	**2010 X**	SMF 4/2,5-Z	**2010 A**	AK 4/2,5-Z
2020 V	VF 8/2,5-Z	**2020 Z**	FF 8/2,5-Z	**2020 Y**	MF 8/2,5-Z	**2020 X**	SMF 8/2,5-Z	**2020 A**	AK 8/2,5-Z
2030 V	VF 12/2,5-Z	**2030 Z**	FF 12/2,5-Z	**2030 Y**	MF 12/2,5-Z	**2030 X**	SMF 12/2,5-Z	**2030 A**	AK 12/2,5-Z
2050 V	VF 20/2,5-Z	**2050 Z**	FF 20/2,5-Z	**2050 Y**	MF 20/2,5-Z	**2050 X**	SMF 20/2,5-Z	**2050 A**	AK 20/2,5-Z
3050 V	VF 20/3-Z	**3050 Z**	FF 20/3-Z	**3050 Y**	MF 20/3-Z	**3050 X**	SMF 20/3-Z	**3050 A**	AK 20/3-Z
3075 V	VF 30/3-Z	**3075 Z**	FF 30/3-Z	**3075 Y**	MF 30/3-Z	**3075 X**	SMF 30/3-Z	**3075 A**	AK 30/3-Z
5060 V	VF 24/5-Z	**5060 Z**	FF 24/5-Z	**5060 Y**	MF 24/5-Z	**5060 X**	SMF 24/5-Z	**5060 A**	AK 24/5-Z
5075 V	VF 30/5-Z	**5075 Z**	FF 30/5-Z	**5075 Y**	MF 30/5-Z	**5075 X**	SMF 30/5-Z	**5075 A**	AK 30/5-Z

* Valid if "SMF" filter cartridge is installed upstream.

ZANDER Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

ZANDER Stainless steel end caps 1.4301 (304)	HB	ST-R	BL
			
Particle retention	**0,01 µm**	**0,01 µm**	**0,01 µm**
Solids - q. class (ISO 8573-1)	2	2	2
Oils -q. class (ISO 8573-1)	-	-	-
Filter media	borosilicate micro fibres		
Operating temp. range [°C]	-20 to 150	-20 to 150	-20 to 150
Diff. pressure (new) [mbar]	80 mbar	80 mbar	80 mbar

HB		ST-R		BL	
ZANDER	**ultrafilter**	**ZANDER**	**ultrafilter**	**ZANDER**	**ultrafilter**
HB 09 T	SRF 09T HB	**ST-R 1080**	SRF 1080 ST-R	**BL 1160**	SRF 11 60 BE
HB 13 T	SRF 13T HB	**ST-R 1160**	SRF 1160 ST-R	**BL 2026**	SRF 20 26 BE
HB 14 T	SRF 14T HB	**ST-R 2016**	SRF 2016 ST-R	**BL 2038**	SRF 20 38 BE
HB 18 T	SRF 18T HB	**ST-R 2026**	SRF 2026 ST-R	**BL 2055**	SRF 20 55 BE
HB 19 T	SRF 19T HB	**ST-R 2038**	SRF 2038 ST-R	**BL 3055**	SRF 30 55 BE
		ST-R 2055	SRF 2055 ST-R	**BL 3080**	SRF 30 80 BE
		ST-R 3055	SRF 3055 ST-R		
		ST-R 3080	SRF 3080 ST-R		

ZANDER Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

ZANDER Stainless steel end caps 1.4301 (304)	D 25 µm	D 1 µm	V
			
Particle retention	20 µm	1 µm	3 µm
Solids - q. class (ISO 8573-1)	-	-	6
Oils -q. class (ISO 8573-1)	-	-	-
Filter media	sintered inox		acrylic fibres, cellulose
Operating temp. range [°C]	0 - 150	0 - 150	1,5 to 65
Diff. pressure (new) [mbar]	60	60	10

	D 25 µm		D 1 µm		V	
	ZANDER	ultrafilter	ZANDER	ultrafilter	ZANDER	ultrafilter
	D 09T 25µm	SS 09T D 20Mic VE	D 09T 1µm	SS 09T D 1Mic VE	V 09 T	P-VF 09T V
	D 13T 25µm	SS 13T D 20Mic VE	D 13T 1µm	SS 13T D 1Mic VE	V 13 T	P-VF 13T V
	D 14T 25µm	SS 14T D 20Mic VE	D 14T 1µm	SS 14T D 1Mic VE	V 14 T	P-VF 14T V
	D 18T 25µm	SS 18T D 20Mic VE	D 18T 1µm	SS 18T D 1Mic VE	V 18 T	P-VF 18T V
	D 19T 25µm	SS 19T D 20Mic VE	D 19T 1µm	SS 19T D 1Mic VE	V 19 T	P-VF 19T V

ZANDER

ZANDER Stainless steel end caps 1.4301 (304)	ZP	XP	A
			
Particle retention	**1 µm**	**0,01 µm**	**activated carbon**
Solids - q. class (ISO 8573-1)	3	2	1*
Oils -q. class (ISO 8573-1)	-	1	1
Filter media	borosilicate micro fibres		activated carbon
Operating temp. range [°C]	1,5 to 65	1,5 to 65	1,5 to 45
Diff. pressure (new) [mbar]	20	80	60

	ZP		XP		A	
	ZANDER	**ultrafilter**	**ZANDER**	**ultrafilter**	**ZANDER**	**ultrafilter**
	ZP 09 T	P-FF 09T ZP	**XP 09 T**	P-SMF 09T XP	**A 09 T**	P-AK 09T A
	ZP 13 T	P-FF 13T ZP	**XP 13 T**	P-SMF 13T XP	**A 13 T**	P-AK 13T A
	ZP 14 T	P-FF 14T ZP	**XP 14 T**	P-SMF 14T XP	**A 14 T**	P-AK 14T A
	ZP 18 T	P-FF 18T ZP	**XP 18 T**	P-SMF 18T XP	**A 18 T**	P-AK 18T A
	ZP 19 T	P-FF 19T ZP	**XP 19 T**	P-SMF 19T XP	**A 19 T**	P-AK 19T A

* Valid if ''SMF'' filter cartridge is installed upstream.

ZONDER Alternative Filter Elements

ULTRAFILTER
THE FILTRATION MANUFACTURER

ZONDER Plastic end caps	MBM	MBS
		
Particle retention	**0,1 µm**	**0,01 µm**
Solids - q. class (ISO 8573-1)	2	2
Oils -q. class (ISO 8573-1)	2	1
Filter media	borosilicate micro fibres	
Operating temp. range [°C]	1,5 to 65	1,5 to 65
Diff. pressure (new) [mbar]	50	80

	MBM		MBS	
	ZONDER	**ultrafilter**	**ZONDER**	**ultrafilter**
	MBM 10	MF 10 MBM	**MBS 10**	SMF 10 MBS
	MBM 13	MF 13 MBM	**MBS 13**	SMF 13 MBS
	MBM 20	MF 20 MBM	**MBS 20**	SMF 20 MBS
	MBM 33	MF 33 MBM	**MBS 33**	SMF 33 MBS
	MBM 60	MF 60 MBM	**MBS 60**	SMF 60 MBS
	MBM 85	MF 85 MBM	**MBS 85**	SMF 85 MBS
	MBM 130	MF 130 MBM	**MBS 130**	SMF 130 MBS
	MBM 170	MF 170 MBM	**MBS 170**	SMF 170 MBS
	MBM 250	MF 250 MBM	**MBS 250**	SMF 250 MBS
	MBM 400	MF 400 MBM	**MBS 400**	SMF 400 MBS


ULTRAFILTER
THE FILTRATION MANUFACTURER

ULTRAFILTER
THE FILTRATION MANUFACTURER

Alternative Oil/Water Separotor Elements

Alternative Oil/Water Separotor Elements

Alternative Oil/Water Separotor Elements

PRODUCER	SUITABLE FOR SEPARATOR	ultrafilter	KIT CONTENT
JORC	BOGE		
Puro Mini	CC 4	341008	1xAC, 1xPP
Puro	CC 8	341012	1xAC, 1xPP
Puro Midi	CC 20	341016	1xAC, 1xPP
Puro Grand	CC 35	341020	1xAC, 1xPP
Xtender	Extender	343020	1xAC
SEPREMIUM 5	-	auf Anfrage	1xAC, 2xPP*
SEPREMIUM 10	-	auf Anfrage	1xAC, 2xPP
SEPREMIUM 20	-	auf Anfrage	1xAC, 2xPP
SEPREMIUM 30	-	auf Anfrage	2xAC*, 2xPP

PRODUCER	SUITABLE FOR SEPARATOR				ultrafilter	KIT CONTENT
BEKO (BOGE)	ATLAS COPCO	KAESER	ECOAIR	SCHNEIDER		
ÖWAMAT 1 / 2	OSW 5 / 11	AQUAMAT 1 / 2	-	OWATEC 10 / 40	330590	1xAC, 1xPP
ÖWAMAT 3	-	AQUAMAT 3	TS 3	-	300174	1xAC
ÖWAMAT 4	OSW 30	AQUAMAT 4	TS 4	OWATEC 130	330591	1xAC, 1xPP
ÖWAMAT 5	-	AQUAMAT 5	TS 15	-	300182	2xAC
ÖWAMAT 5R	OSW 55	AQUAMAT 5R	-	OWATEC 175	330598	1xAC, 1xPP
ÖWAMAT 6	OSW 110	AQUAMAT 6	TS 16	OWATEC 250	330592	2xAC, 1xPP
ÖWAMAT 8	OSW 315	AQUAMAT 8	-	-	331146	2xAC, 1xPP
ÖWAMAT 20	-	AQUAMAT 20	TS 60	-	300176	1xAC

PRODUCER	SUITABLE FOR SEPARATOR					ultrafilter	KIT CONTENT
WORTMANN	EKOLOG	WORTMANN / KAESER	HANKISON		ZANDER		
DRUKOMAT 1/ MINI	EKOLOG 1/ MINI		HS1	HS 60, 70, 120	ECOSEP S1/ mini	330150	1x1085W, 1x1088L
DRUKOMAT 2	EKOLOG 2		HS2	HS 140-480	ECOSEP S2	330136	1x1087W, 1x1088L
DRUKOMAT 4	EKOLOG 4		HS3	HS 140-900	ECOSEP S4	330136	1x1087W, 1x1088L
DRUKOMAT 8	EKOLOG 8	WO I	HS4	HS 140-900	ECOSEP S8	330136	1x1087W, 1x1088L
DRUKOMAT 15	EKOLOG 15	WO II	HS5	HS 140-900	ECOSEP S15	330139	1x1094VF, 1x1087W, 1x1088L
DRUKOMAT 30	EKOLOG 30	WO III	HS6	HS 1800	ECOSEP S30	330140	1x1094VF, 2x1087W, 1x1088L
DRUKOMAT 61	EKOLOG 61	WO IV	HS7	HS 3600	ECOSEP S61	330135	1x1094VF, 4x1087W, 1x4/1094VF*, 1x1088L
DRUKOSEP 1						333021	1xAC+PP
DRUKOSEP 2						333022	1xAC+PP
DRUKOSEP 3						333023	1xAC+PP
DRUKOSEP 6						333024	1xAC+PP
DRUKOSEP 12						333025	1xAC+PP
DRUKOSEP 25						333026	1xAC+PP

Alternative Oil/Water Separotor Elements

PRODUCER	SUITABLE FOR SEPARATOR						ultrafilter	KIT CONTENT
DOMNICK HUNTER ES	DOMNICK HUNTER H2 OIL-X	DOMNICK HUNTER ES	HIROSS OWS	ZANDER ECOSEP SL	COMPAIR CS	INGERSOLL RAND ENVIROSEP		
	SE2010						330155	1xAC+PP
	SE2015						330155	1xAC, 1xPP
	SE2030						330157	2xAC*,1xPP
ES2100	ES2010	ES36	OWS 001	SL1*	CS2100	ECS 6	330155	1xAC, 1xPP
ES2150	ES2015	ES90	OWS 060	SL2*	CS2150	ECS 12	330155	1xAC, 1xPP
ES2200	ES2200		OWS 075	SL5*	CS2200	ECS 18	330155	1xAC, 1xPP
ES2300	ES2300	ES125	OWS 125	SL8*	CS2300	ECS 24	330159	1xAC, 1xPP
ES2400	ES2400	ES250	OWS 185	SL15*	CS2400	ECS 30	330157	2xAC, 2xPP
ES2500	ES2500	ES500	OWS 355	SL30*	CS2500	ECS 36	330158	1xAC, 1xPP
ES2600	ES2600	ES1000	OWS 485	SL60*	CS2600	ECS 42	330158	2xAC, 2xPP

PRODUCER	SUITABLE FOR SEPARATOR		ultrafilter	KIT CONTENT
DONALDSON	ALMIG AQUAMAT	GARDNER DENVER		
Ultrasep Plus				
ULTRASEP P7,5			330765	1xAC
ULTRASEP P15			330766	1xAC
ULTRASEP P30			330108	1xAC
ULTRASEP P60			330116	2xAC
ULTRASEP P120			330124	4xAC
ULTRASEP P240			330132	8xAC
Ultrasep Super Plus				
ULTRASEP SP5		GDW 5	331016	1xAC, 1xPP
ULTRASEP SP7,5/ 10		GDW 10	331017	1xAC, 1xPP
ULTRASEP SP15		GDW 15	331018	1xAC, 1xPP
ULTRASEP SP30		GDW 30	331019	2xAC, 1xPP
ULTRASEP SP60		GDW 60	331020	2xAC, 1xPP
ULTRASEP SP120		GDW 120	331021	4xAC, 2xPP
ULTRASEP SP240		GDW 240	330022	8xAC, 4xPP
Ultrasep Super Plus - N				
ULTRASEP SP5	120	GDW 5	331016	1xAC, 1xPP
ULTRASEP SP10N	250	GDW 10N	331037	1xAC+PP
ULTRASEP SP15N	450	GDW 15N	331038	1xAC+PP
ULTRASEP SP30N	900	GDW 30N	331039	1xAC+PP, 1xAC
ULTRASEP SP60N	1800	GDW 60N	331040	1xAC+PP, 1xAC
ULTRASEP SP120N	3600	GDW 120N	331041	2xAC+PP, 2xAC
ULTRASEP SP240N	7200	GDW 240N	331042	4xAC+PP, 4xAC

PRODUCER	ultrafilter	KIT CONTENT
KAESER		
AQUAMAT CF3	Auf Anfrage	1xAC+PP
AQUAMAT CF6	Auf Anfrage	1xAC+PP

Alternative Oil/Water Separotor Elements

PRODUCER		SUITABLE FOR SEPARATOR			ultrafilter	KIT CONTENT
ATLAS COPCO		ALUP OWS	ABAC WS	PNEVMATEC		
OSC35	Service kit A	OWS13	WS13	OWS-75	510026	1xPP
	Service kit B				510027	1xAC, 2xPP
	Service kit C				510028	1xAC, 1xPP
OSC95	Service kit A	OWS34	WS34	OWS-200	510029	1xPP
	Service kit B				510030	1xAC, 2xPP
	Service kit C				510031	1xAC, 1xPP
OSC145	Service kit A	OWS52	WS52	OWS-300	510032	1xPP
	Service kit B				510033	1xAC, 2xPP
	Service kit C				510034	1xAC, 1xPP
OSC355	Service kit A	OWS128	WS128	OWS-750	510035	2xPP
	Service kit B				510012	2xAC, 4xPP
	Service kit C				510013	2xAC, 2xPP
OSC600	Service kit A	OWS218	WS218	OWS-1280	510014	2xPP
	Service kit B				510015	2xAC, 4xPP
	Service kit C				510016	2xAC, 2xPP
OSC825	Service kit A	OWS297	WS297	OWS-1750	510017	2xPP
	Service kit B				510018	4xAC*, 4xPP
	Service kit C				510019	4xAC*, 2xPP
OSC1200	Service kit A	OWS425	WS425	OWS-2500	510020	2xPP
	Service kit B				510021	4xAC*, 4xPP
	Service kit C				510022	4xAC*, 2xPP
OSC2400	Service kit A	OWS850	WS850	OWS-5000	510023	4xPP
	Service kit B				510024	8xAC*, 8xPP
	Service kit C				510025	8xAC*, 4xPP

PRODUCER	SUITABLE FOR SEPARATOR	ultrafilter	KIT CONTENT
OMI	DEVAIR		
ECOTRON 25	ECOTRON 25	Auf Anfrage	1xAC, 1xPP
ECOTRON 50	ECOTRON 50	Auf Anfrage	1xAC, 2xPP
ECOTRON 90	ECOTRON 90	Auf Anfrage	1xAC, 2xPP
ECOTRON 180	ECOTRON 180	Auf Anfrage	1xAC, 4xPP
ECOTRON 300	ECOTRON 300	Auf Anfrage	2xAC, 2xPP
ECOTRON 600	ECOTRON 600	Auf Anfrage	3xAC, 4xPP

Notes

Notes

ULTRAFILTER
THE FILTRATION MANUFACTURER

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