

SIZES

Filter Element Size		Dimensions [mm]	Flow Capacity [Nm ³ /h]	Flow Capacity [scfm]	Fits into Filter Housing
XXX 2/0,5	009 __ (AL)	Ø=36;h=67	32	19	0009 (G, GP)
XXX 3/1,5	017 __ (AL)	Ø=50;h=81	61	36	0017 (G, GP)
XXX 4/1,5	030 __ (AL)	Ø=50;h=118	108	64	0030 (G, GP)
XXX 6/2,5	058 __ (AL)	Ø=72;h=161	216	127	0058 (G)
XXX 10/2,5	145 __ (AL)	Ø=72;h=260	288; 432; 522	170; 254; 307	0080 (G); 0125 (G); 0145 (G)
XXX 12/3 2"S	220 __ (AL)	Ø=86;h=330	720; 792	424; 466	0205 (G); 0220 (G)
XXX 24/3 2"S	330 __ (AL)	Ø=86;h=631	1188; 3600	699; 2119	0330 (G); *1000 (G)
XXX 15/4 21/2"S	430 __ (AL)	Ø=114;h=416	1440; 1548	848; 911	0405 (G); 0430 (G)
XXX 24/4 21/2"S	620 __ (AL)	Ø=114;h=637	2232	1314	0620 (G)
AKK2 2/0,5	006 AC	Ø=42;h=72,5	22	13	**AC-0006 (G)
OX2 2/0,5	006 HC				
AKK2 4/1,5	013 AC	Ø=62;h=93	47	27	**AC-0013 (G)
OX2 4/1,5	013 HC				
AK 4/1,5	025 AC AL	Ø=62;h=102	90	53	AC-0025 (G)
AKK2 6/2,5	040 AC	Ø=93;h=156	144	84	**AC-0040 (G)
OX2 6/2,5	040 HC				
AK 6/2,5	065 AC AL	Ø=93;h=164,5	234	136	AC-0065 (G)
AK 10/2,5	085 AC AL	Ø=93;h=264,5	306	178	AC-0085 (G)

AL = aluminum end caps; Ø = Diameter; h = Height; *numver of filter elements: 3; **Double stage filter housing

XXX = **ultrafilter** filtration grade VF, MF, MFP, SMF, SMFP or AK

__ = Filtration grade Domnick Hunter OIL-X-PLUS PF, AO, AR, AX, AA, AAR or ACS

Example for **ultrafilter** designation: SMF 24/3 2"S 330AA (for filter element with polyamide PA6 end caps)

Example for **ultrafilter** designation: SMF 24/3 2"S 330AA AL (for filter element with aluminum end caps)

Materials

	PF / VF	AO / MF AR / MFP	AX / SMF AA / SMF AAR / SMFP	ACS / AK	AC / AKK2	HC / OX2
Filter media	Acrylic fibers, cellulose	Borosilicate micro fibers	Borosilicate micro fibers	Borosilicate micro fibers	Borosilicate micro fibers	Borosilicate micro fibers
Support media	Polyester	/	/	/	/	/
Drainage media	/	Polyurethane	Polyurethane	/	Polyurethane	Polyurethane
Adsorption media	/	/	/	Activated carbon granulate PES (Polyester)	Active carbon	Hopcalite
Support (inner-outer)	Stainless steel 1.4301					
Bonding	Polyurethane					
Endcaps	PA6 with 30% glass fibers OR aluminum (AL)					
Sealing	NBR					

Correction Factors

To calculate the correct capacity of a given filter based on actual operating conditions, multiply the nominal flow capacity by the appropriate correction factor(s).

CORRECTED CAPACITY = NOMINAL FLOW CAPACITY x C_{OP}

Operating Pressure

[bar]	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
[psi]	29	44	58	72	87	100	115	130	145	160	174	189	203	218	232
C _{OP}	0,38	0,5	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88	2,00	2,13

Maintenance

Replace filter element grade PF/VF, AO/MF, AR/MFP and AX, SMF, AA/SMF (AAR/SMFP) at least once per year or when pressure drop reaches 350mbar. Replace filter element grade ACS/AK, AC/AKK2, HC/OX2 at least every 6 months

