

Selection Criteria

Stated flows are at 7 bar g (100 psi g) ANR conditions. For flows at other pressures apply the correction factor shown.

Filter Type	Port Size	Flow rates			Replacement Element Kit	No	Line Pressure		Correction Factor
		Nm ³ /min	Nm ³ /hr	scfm			bar g	psi g	
(grade) 0003G	8mm Push Fit	0.18	11	6	K003 (grade)	1	1	15	0.38
(grade) 0009G	G $\frac{1}{4}$	0.53	32	19	K009 (grade)	1	2	29	0.53
(grade) 0009GP	G $\frac{3}{8}$	0.53	32	19	K009 (grade)	1	3	44	0.65
(grade) 0017G	G $\frac{1}{2}$	1.02	61	36	K017 (grade)	1	4	58	0.76
(grade) 0017GP	G $\frac{3}{4}$	1.02	61	36	K017 (grade)	1	5	73	0.85
(grade) 0030G	G $\frac{1}{2}$	1.80	108	64	K030 (grade)	1	6	87	0.93
(grade) 0030GP	G $\frac{3}{4}$	1.80	108	64	K030 (grade)	1	7	100	1.00
(grade) 0058G	G $\frac{1}{2}$	3.60	216	127	K058 (grade)	1	8	116	1.07
(grade) 0080G	G1	4.80	288	170	K145 (grade)	1	9	131	1.13
(grade) 0125G	G1 $\frac{1}{4}$	7.20	432	254	K145 (grade)	1	10	145	1.19
(grade) 0145G	G1 $\frac{1}{2}$	8.70	522	307	K145 (grade)	1	11	160	1.25
(grade) 0205G	G1 $\frac{1}{2}$	12.00	720	424	K220 (grade)	1	12	174	1.31
(grade) 0220G	G2	13	792	466	K220 (grade)	1	13	189	1.36
(grade) 0330G	G2	20	1188	699	K330 (grade)	1	14	203	1.41
(grade) 0405G	G2 $\frac{1}{2}$	24	1440	848	K430 (grade)	1	15	218	1.46
(grade) 0430G	G3	26	1548	911	K430 (grade)	1	16	232	1.51
(grade) 0620G	G3	37	2232	1314	K620 (grade)	1	17	247	1.56
(grade) 1000G	G4	60	3600	2119	K330 (grade)	3	18	261	1.60
(grade) 0205FNT	DN40	12	720	424	K220 (grade) NT	1	19	275	1.65
(grade) 0330FNT	DN50	20	1188	669	K330 (grade) NT	1	20	290	1.70
(grade) 0620FNT	DN80	37	2232	1314	K620 (grade) NT	1			
(grade) 1000FNT	DN100	60	3600	2119	K330 (grade) NT	3			
(grade) 1300FNT	DN100	78	4680	2755	K330 (grade) NT	4			
(grade) 1950FNT	DN150	117	7020	4132	K330 (grade) NT	6			
(grade) 3250FNT	DN200	195	11700	6886	K330 (grade) NT	10			
(grade) 5200FNT	DN250	312	18720	11018	K330 (grade) NT	16			
(grade) 7800FNT	DN300	468	28080	16527	K330 (grade) NT	24			
AC-0006G	G $\frac{1}{4}$	0.37	22	13	K009AA & K006AC	1*			
AC-0013G	G $\frac{3}{8}$	0.78	47	27	K017AA & K013AC	1*			
AC-0025G	G $\frac{1}{2}$	1.50	90	53	K030AA & K025AC	1*			
AC-0040G	G $\frac{3}{4}$	2.40	144	84	K058AA & K040AC	1*			
AC-0065G	G1	3.90	234	136	K145AA & K065AC	1*			
AC-0085G	G1 $\frac{1}{4}$	5.10	306	178	K145AA & K085AC	1*			

When ordering a filter for pressures above 16 bar g (232 psi g) the suffix X should be added to the product code. e.g. AA-0058GX.

*Grade AA and Grade AC elements required for double stage filter.

To find the correction factors for pressures other than 7 barg (100 psi g), use the following equation

$$\text{e.g. Correction factor} = \sqrt{\frac{\text{System Operating Pressure}}{\text{(Nominal pressure)}}} = \sqrt{\frac{8.5 \text{ bar g}}{7 \text{ bar g}}} = 1.10$$

Therefore, for 8.5 bar g multiply nominal flow rate by 1.10

Technical Data

Filter Types	Maximum Operating Pressure	OIL-Xplus Filter Grades	Maximum Recommended** Operating Temperature	Minimum Recommended** Operating Temperature
003G	10.5 bar g (150 psi g)	PF/ AO/AR AA/AAR AX	66°C (150°F)	1.5°C (35°F)
0009G - 7800F with Autodrain	16 bar g (232 psi g)	AC/ACS	30°C (86°F)	1.5°C (35°F)
0009G - 1000G with Manual Drain	20 bar g (290 psi g)			

**High Temperature Filters / Elements are available for temperature in excess of 66°C (150°F) [publication ref: 17 400 4421 available at www.domnickhunter.com]