

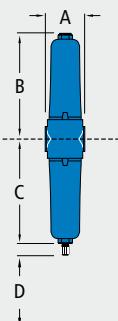


The alpha series XAC duplex range of filters offers a space saving, economical filtration solution. Duplex filters combine an XA 0.01 micron coalescing filter element which reduces oil concentrations and an AC, secondary activated carbon filter element which removes vapours, odours and tastes.

2 stage duplex filtration

filter model	pipe size	flow rate		dimensions (mm)				weight Kg	element model	no. of elements
		Nm ³ /h	SCFM	A	B	C	D			
D028 XAC	1/4	42.5	25	70	163	159	85	0.9	E0406 XA / E0406 DAC	1/1
D038 XAC	3/8	59.5	35	70	163	159	95	0.9	E0407 XA / E0407 DAC	1/1
D058 XAC	1/2	85.0	50	70	204	200	135	1.0	E0413 XA / E0413 DAC	1/1
D059 XAC	1/2	119	70	100	240	236	155	2.3	E0613 XA / E0613 DAC	1/1
D078 XAC	3/4	144	85	100	240	236	155	2.3	E0613 XA / E0613 DAC	1/1
D079 XAC	3/4	212	125	100	360	356	225	3.1	E0620 XA / E0620 DAC	1/1
D108 XAC	1	229	135	100	360	356	225	3.1	E0620 XA / E0620 DAC	1/1
D109 XAC	1	297	175	100	360	356	275	3.2	E0625 XA / E0625 DAC	1/1

Replacements and spare parts (refer to pages 38 – 41)



D028 XAC to D109 XAC

specification

Grade	XA	AC
Maximum particle size class to ISO 8573-1:2001 (E)	1	1
Maximum oil content class to ISO 8573-1:2001 (E)	1	1
Maximum temperature	25°C	77°F
Maximum working pressure	16 barg	232 psig
Element end cap colour	blue XA (bottom element)	black activated carbon (top element)

technical notes

- 1 Duplex filters offer 2 stage filtration within one filter unit. Each filtration package provides an XA grade element in the lower section for oil removal, while the AC grade element in the upper section is for odour removal.
- 2 Direction of air flow is inside to out through XA grade and outside to in through AC grade filter element.
- 3 ADV6000C drains are fitted to models D028 XAC to D058 XAC; ADV6000 drains are fitted to D059 XAC to D109 XAC.
- 4 Models D059 XAC to D109 XAC can be adapted to use 1/4" drains with a reducer.
- 5 Activated carbon filters must not operate in oil saturated conditions and will not remove certain types of gases including carbon monoxide (CO) and carbon dioxide (CO₂).



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