

# Breathable Air Filter

## AFT Series

The AFT Series Breathing Air Filter offers a space saving and economical solution to the usual multi-stage filter sets. Designed in co-operation with Omega Air after consultation with the applicable industries, this somewhat unique filter incorporates two push fit elements in the one filter bowl.

Using AFT (Air Flow Through) technology, the air is efficiently directed through the two grades of oil removal elements with fewer direction changes. This reduces pressure drop whilst treating the air and meeting Australian breathing air standards.

TECHNICAL DATA				FILTRATION STAGES				NF List	
Filter Housing Model	Pipe Size	Flow Rate at 7 bar(g)		CKL	R	S	A		
	BSP	Nm³/h	scfm	Water Sep.	Pre 1 µm	Post 0.01 µm	Activ. Carbon	Ex. GST	
AFT0076S/A	1/2	78	46			✓	✓	\$480	
AFT0076R/S/A	1/2	78	46		✓	✓	✓	\$760	
AFT0076C/R/S/A	1/2	78	46	✓	✓	✓	✓	\$995	
Quality Class - Solids (ISO 8573-1)				N/A	3	1	1*	TECHNICAL DATA	
Residual Oil Content (mg/m³)				N/A	-	<0.01	<0.005		
Quality Class - Oils (ISO 8573-1)				N/A	-	1	1		
Pressure Drop - New element (mbar/psi)				N/A	20/0.290	80/1.160	60/0.870		
Change @ pressure Drop (mbar/psi)				N/A	350/5.07**	350/5.07**	6 Mth***		
Filter Media				N/A	Borosilicate Micro Fibres		Act. Carbon		
Cyclonic Separator Element				✓					
Pleated Version Element					✓	✓			
Wrapped Version Element							✓		
Min. Operating Temp. (°C / °F)				1.5°C / 35°F					
Max. Operating Temp. (°C / °F)				45°C / 113°F					

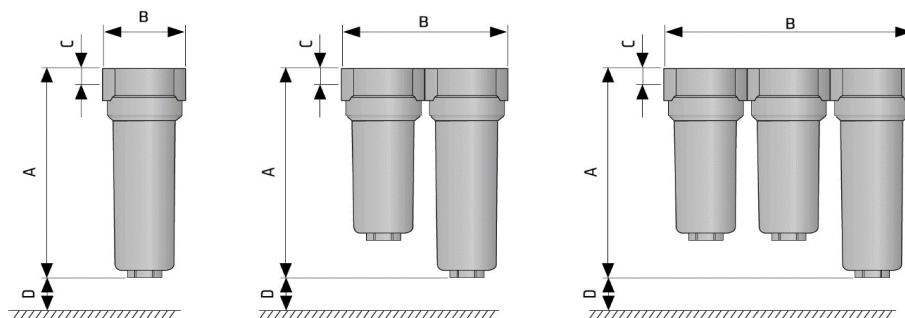
\*) Only valid if "S" 0.01µm element is installed upstream.

\*\*) Filter Element "R"&"S" Should be changed every 12 months, 2000hrs or at stated pressure drop, which ever comes first.

\*\*\*) Filter Element "A" Activated Carbon must be changed every 6 months or if oil odour is noticed.

**WARNING** - DOES NOT REMOVE CO or CO<sub>2</sub> FROM THE AIR STREAM.

CORRECTION FACTORS															
Pressure (bar)	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Pressure (psi)	29	44	58	72	87	100	115	130	145	160	174	189	203	218	232
Correction Factor	0.38	0.5	0.63	0.75	0.88	1	1.13	1.25	1.38	1.5	1.63	1.75	1.88	2	2.13



AFT0076S/A

AFT0076R/S/A

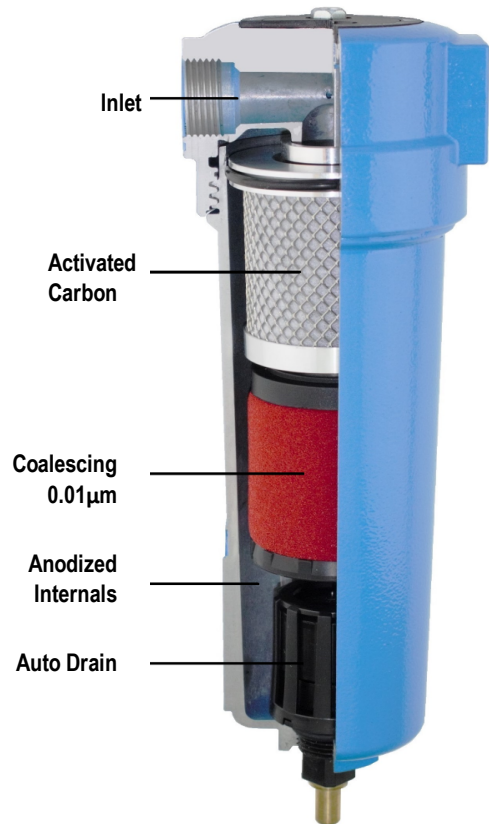
AFT0076C/R/S/A

Housings come complete with filter elements.

Housings come complete with AOK16B condensate drains.

Mounting Bracket Kits are available as an optional extra.

Differential Pressure Indicators are available as an accessory.



DESIGNED IN AUSTRALIA

Model	AFT0076S/A	AFT0076R/S/A	AFT0076C/R/S/A
A	257mm	257mm	257mm
B	88mm	176mm	264mm
C	20mm	20mm	20mm
D	80mm	80mm	80mm