

Airbus A320 Advanced Cabin Air Filters (A-CAF)

Improve the cabin environment, reduce delays and enhance safety

The Pall A-CAF Advanced Cabin Air Filter offers exceptional cabin air quality by ensuring dust, fibres, allergens, viruses, Volatile Organic Compounds (VOCs) and odours are removed from the recirculation air stream.

Features / Benefits

- **Airbus OEM Approved and IPC Listed**
- Direct drop-in replacement for OEM filter
- Only Airbus-approved air filter to reduce fume & odours onboard
- Unique immobilised activated carbon matrix
- Removes VOCs that may be present in cabin including engine oil, hydraulic oil & de-icing fluid from recirculated air
- Eliminates unpleasant odours within the cabin
- **Reduces number of unscheduled diversions** (related to contaminated air events)
- Reduces unnecessary maintenance activities associated with non-persistent/transitional odour events
- **Enhances overall cabin air quality** and ensures crew and passenger comfort

Pall A-CAF is the combination of HEPA with an advanced activated carbon that further enhances aircraft cabin air quality by removing contaminants and odours, increasing crew and passenger comfort and improving airline operational efficiency.



Performance

Figure 1 illustrates the effectiveness of the A-CAF in reducing odours and VOCs from a cabin.

With its installation, a fume event or odour present in the cabin will be reduced to non-detectable levels within 3 minutes after the onset (Time 0).

Without an odour filter in place, the event can take over 10 minutes to dissipate to an acceptable level.

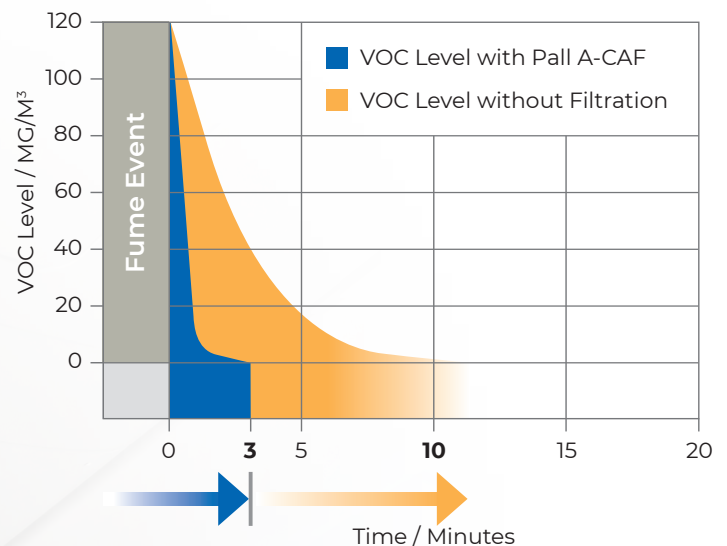


Figure 1: VOC/Odour Removal Efficiency

	HEPA ONLY FILTER P/N: QA06423-01	HEPA/VOC FILTER P/N: QB0654-03
Particulate Removal	99.99% NaCl removal efficiency to EN1822-1 H14	
Microbial Removal	>99.999% removal when challenged with <i>Brevundimonas diminuta</i> , <i>Bascillus subtilis</i> and MS2 Coliphage virus	
VOC Removal	N/A	High adsorption efficiency for a wide variety of gaseous contaminants/odors (chemical dependent)
Weight	3.0 KG	4.7 KG - 4.8 KG
Estimated Change Interval	5,000hrs or 36 months in Airbus MPD	5,000hrs or 36 months (recommended)*
Dimensions	OD 345 by 500mm	OD 345 by 500mm
Interchangeability	Directly interchangeable with OEM HEPA Filter	
Approvals	OEM Production Standard	OEM Production Standard

*Pall has supported multiple airlines with supporting technical data to reach OEM HEPA changeout intervals.

QB0654-03 is the Airbus approved filter included in the IPC (illustrated Parts Catalogue).

This P/N incorporates a hydrophobic treatment which increases the water repellency of the particulate media.

The clean pressure drop and dust holding capacity of **QB0654-03** are equivalent to that QB0654-01/02.

Ordering Information

Pall P/N: QB0654-03

For the airline aftermarket, these filters are available through our authorised airline distributor, Satair, www.satair.com.

Satair also provides global 24/7 technical support service to our airline customers.

Technical data presented in this product data sheet represents only a fraction of the test program that has taken place to demonstrate the effectiveness of this advanced filter.

For further details, facts and figures, please get in touch: www.pall.com/en/support



PC110
Advanced Cabin Air Filter
for the A320 Family



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The information provided in this literature was reviewed for accuracy at the time of publication. Product data may be subject to change without notice. For current information consult your local Pall distributor or contact Pall directly.

IF APPLICABLE Please contact Pall Corporation to verify that the product conforms to your national legislation and/or regional regulatory requirements for water and food contact use.

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