

Airbus A330 Advanced Cabin Air Filters (A-CAF)

Improve the cabin environment, reduce delays and enhance safety

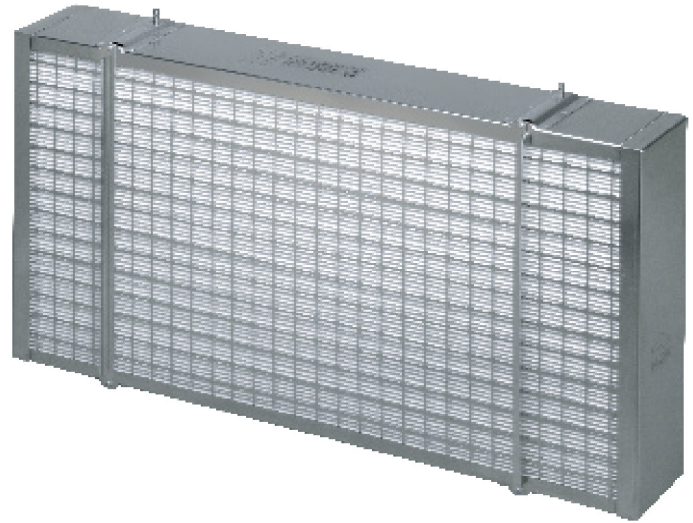
The Pall A-CAF (Advanced Cabin Air Filter) offers exceptional cabin air quality by ensuring dust, fibres, allergens, viruses, Volatile Organic Compounds (VOCs) and odours are removed from the recirculation air stream.

Pall Aerospace launched the first activated carbon filter for the A330 fleet in 1996, and have been constantly refining the performance of the A-CAF ever since. The Pall A330 A-CAF is the only Airbus approved activated Carbon filter available for the A330 family.

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

A-CAF (Advanced Cabin Air Filtration) 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.

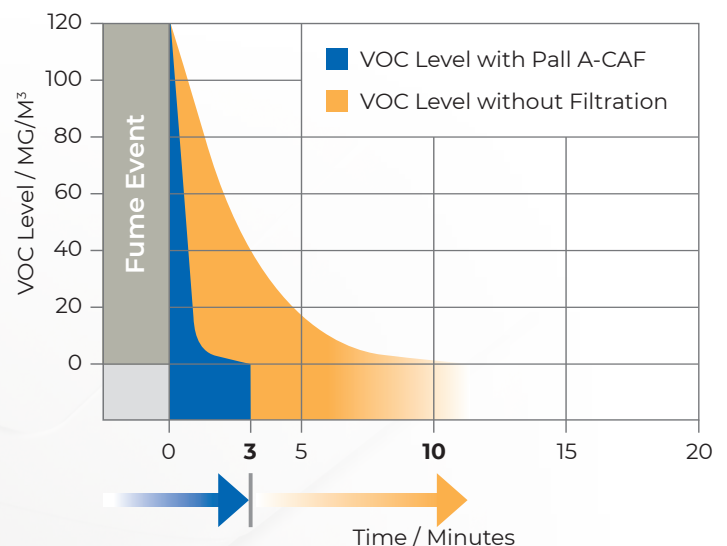


Figure 1: VOC/Odour Removal Efficiency

	HEPA ONLY FILTER P/N: QB0408-01	HEPA/VOC FILTER P/N: QB0434-02
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	Not designed to remove gases	High adsorption efficiency for a wide variety of gaseous contaminants/odors (chemical dependent)
Weight	2.7 KG	4.8 KG
Estimated Change Interval	5,600 HRS or 36 months in AIRBUS MPD	4,800 HRS or 36 months (recommended)
Dimensions	650MM X 350MM X 100MM	650MM X 350MM X 100MM
Interchangeability	The two filters are inter-changeable	
Approvals	OEM Production Standard	OEM Production Standard

Ordering Information

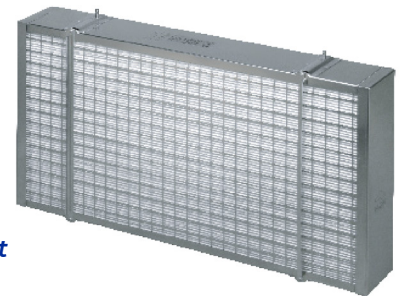
Pall P/N: QB0434-02

For the airline aftermarket, these filters are available through our authorised airline distributor, Satair A/S, 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



PC140
Advanced Cabin Air Filter
for the A330 Family



Corporate Headquarters
Port Washington, NY, USA
+1-800-717-7255 toll free (USA)
+1-516-484-5400 phone

European Headquarters
Fribourg, Switzerland
+41 (0)26 350 53 00 phone


Asia-Pacific Headquarters
Singapore
+65 6389 6500 phone

Visit us on the Web at www.pall.com/aerospace
Contact us at www.pall.com/contact

Pall Corporation has offices and plants throughout the world. To locate the Pall office or distributor nearest you, visit www.pall.com/contact.

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.

© Copyright 2024, Pall Corporation. Pall and  are trademarks of Pall Corporation. ® Indicates a trademark registered in the USA.

AEDSACAF330ENa
October 2024

