AEPC150EN

Boeing B737 Advanced Cabin Air Filters (ACAF)

Improve the cabin environment, reduce delays and enhance safety

The Pall A-CAF (Advanced Cabin Air Filter) offers cabin air quality improvement by ensuring HEPA-grade particulate filtration with Odors reduction using advanced synthetic carbon; to help remove Volatile Organic Compounds (VOCs) and unpleasant odors and fumes present in the aircraft cabin recirculation air stream.

Features / Benefits

- Unique synthetic blend of activated carbon specifically developed to remove common odours identified in aircraft cabins
- Removes VOCs that may be present in the cabin, including degraded engine oil products, de-icing fluids or hydraulic fluids from the re-circulated 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 odour eliminating adsorbent that further enhances aircraft cabin air quality, increasing crew and passenger comfort and improving airline operational efficiency.

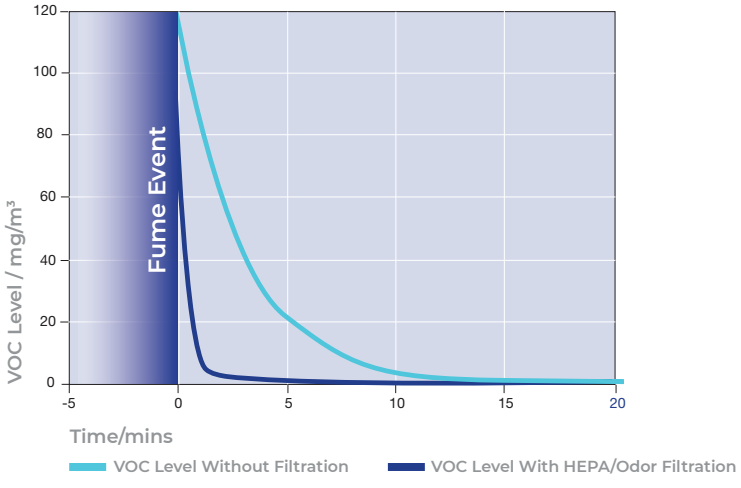
Performance

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/Odor Removal Efficiency



	HEPA ONLY FILTER P/N: CD01068F2	HEPA/VOC FILTER P/N: QB05154-02
VOC Removal	Not designed to remove gases	High adsorption efficiency for a wide variety of gaseous contaminants/odors (chemical dependent)
Weight	8.9 lbs (4 kg) MAX	10.5 lbs (4.8 kg) MAX
Estimated Change Interval	7,000 FHrs or 36 months	4,000 FHrs
Dimensions	20 x 20 x 3.9" (508 x 508 x 99 mm)	20 x 20 x 5.1" (508 x 508 x 130 mm)
Interchangeability	The two filters are inter-changeable	
Approvals	FAA-PMA	FAA-PMA

Specifications

Part Number	Description	Replacement For	Weight (kg)	Change Interval (FH)	Approvals	Filters Per A/C	Eligibility***
QB05154-01	ACAF	CD01068F4 (HEPA) P196698 (HEPA)	6.2 (13.7 lb)	4,000	Pall DOA (EASA)	2**	B737-700, B737-800, B757-200. B757-300
QB05154-02	ACAF	CD01068F4 (HEPA) P196698 (HEPA)	6.2 (13.7 lb)	4,000	FAA-PMA	2**	B737-600, B737-700, B737-800, B737-900. B757-200

***1 per aircraft on -700*

Ordering Information

Pall P/N: QB05154-02

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: *pureair@pall.com*

SATAIR

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.

Advanced Cabin Air Filter
for Boeing 737

PALL CORPORATION

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

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

danaher

AEPC150EN
March 2026