

Boeing 777 HEPA Advanced Cabin Air Filters (A-CAF)

The Pall PUREair 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

- Direct **drop-in replacement** for OEM filter
- Unique immobilised **activated carbon matrix**
- **Removes VOCs** that maybe 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 maintenance activities** associated with non-persistent/transitional odour events
- **Enhances overall cabin air quality** and ensures crew and passenger comfort

Reduce Delays, Enhance Safety

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.



PC170
Advanced Cabin Air Filter

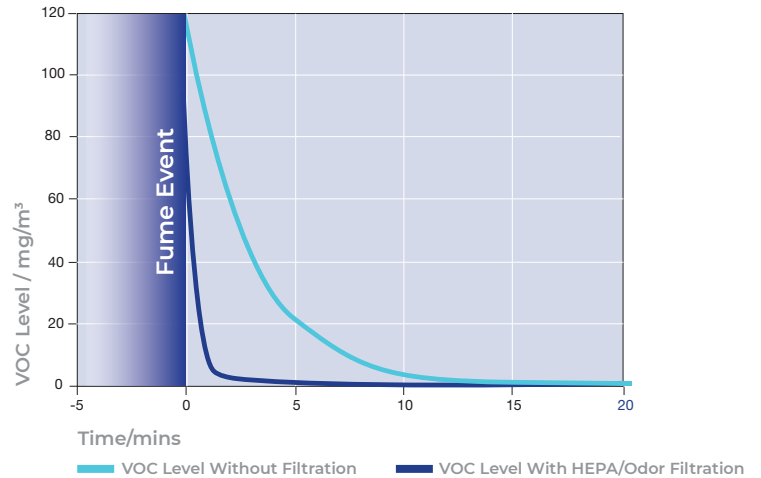
Performance

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: CD00944F3	HEPA/VOC Filter P/N: CE01311F1
Particulate Removal	HEPA (99.97% Removal with Micron Particles)	
VOC Removal	Not designed to remove gases	High adsorption efficiency for a wide variety of gaseous contaminants/odors (chemical dependent)
Weight	6.5 lbs (2 kg) MAX	9.6 lbs (4.4 kg) MAX
Estimated Change Interval	6,000 FHrs or 36 months	6,000 FHrs
Dimensions	20 x 19 x 5" (510 x 482 x 127 mm)	20 x 19 x 5" (510 x 482 x 127 mm)
Interchangeability	The two filters are inter-changeable	
Approvals	FAA-PMA	FAA-PMA

Ordering Information

Pall P/N: CE01311F1

For more information on Pall solutions for Cabin Air Filtration [click here](#)

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

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.

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.



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

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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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