



AIR PURIFICATION SYSTEM (APS™) FOR BOEING 777

Your Partner in
Aerospace Distribution

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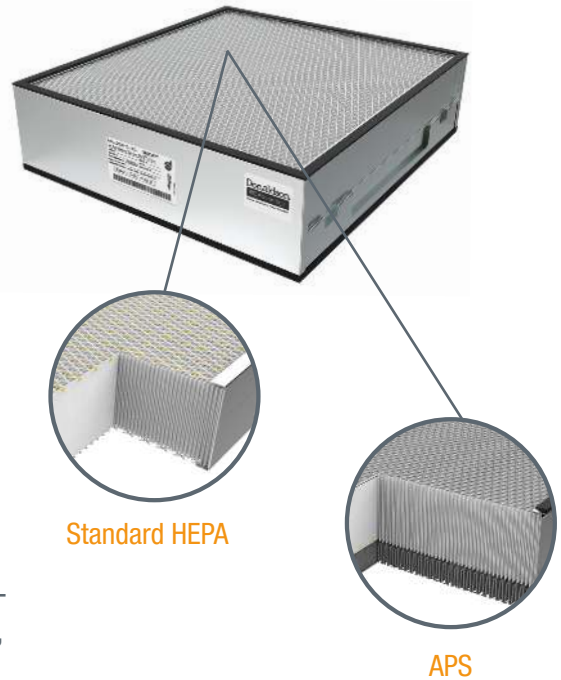
BREATHE EASY

Donaldson's Air Purification System (APS™) is the most effective new technology for cleaning and purifying air in commercial aircraft. Donaldson's advanced air purification system filters odors and volatile organic compounds for enhanced passenger and crew comfort. The result provides cleaner, more comfortable air to breathe for you, your passengers and your crew.

APS™ combines both chemical and particulate filtration into one. The chemical filtration relies on a technical process called gas phase adsorption that removes bio-effluents, fuel by-products, Volatile Organic Compounds (VOC), and other contaminants from internal and external sources. The particulate filtration removes dust, allergens, bacteria, viruses and other irritating particles from the air passengers and crew breathe.

Donaldson APS™ solutions inspire confidence by:

- Removing gaseous contaminants including odors
- Providing HEPA efficient particulate and biologic removal, featuring BIOAdvantage™ media
- Optimally balancing between performance and service interval
- No weight increase compared to standard particulate filter
- Allowing standard HEPA and APS filters to be interchangeable
- Providing the same efficient hospital-grade HEPA filtration; capturing pollen, smoke, dust, allergens, bacteria, viruses, and other irritants



	P512777 (Standard HEPA)	P639821 (APS)
Particulate Removal	HEPA (99.97% on 0.3 µm)	HEPA (99.97% on 0.3 µm)
VOC Removal	No	Yes
Weight	3.2 kg (7.0 lbs) clean	3.2 kg (7.0 lbs) clean
Estimated Change Interval	6,000 hours	6,000 hours
Dimensions	20.0" x 18.7" x 5.0" 508mm x 474mm x 126mm	20.0" x 18.7" x 5.0" 508mm x 474mm x 126mm
Approvals	OE Production Approval	FAA PMA by T&C Approved

See What's Possible With A Proponent On Your Side

For more information, email support@proponent.com