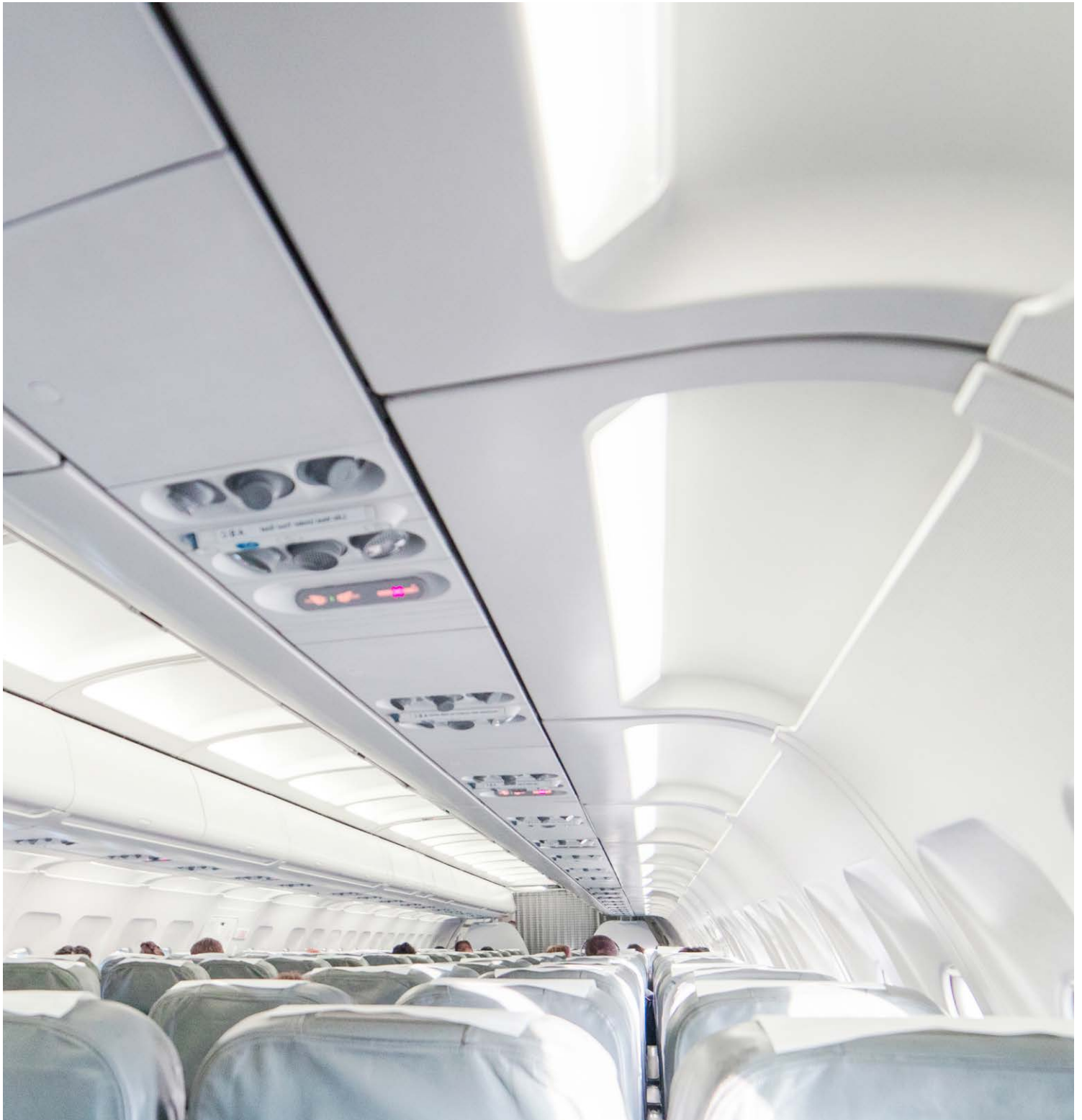




AEROSPACE & DEFENSE

Air Purification System (APS™) for Airbus A320



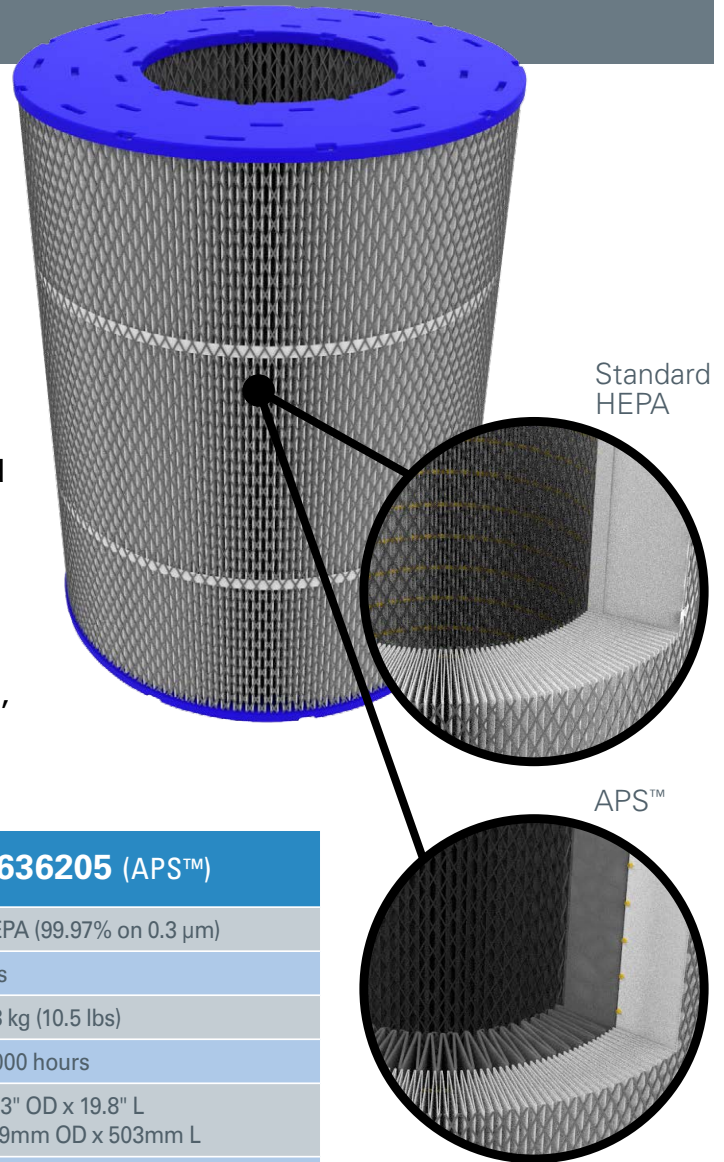
BREATHE EASY.

Donaldson's Air Purification System (APS™) is the most effective new technology for cleaning and purifying air in commercial aircraft.

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
- Optimally balancing between performance and service interval
- Minimizing 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



A320 CABIN AIR SOLUTIONS

	424B200-7 (Standard HEPA)	P636205 (APS™)
Particulate Removal	HEPA (99.97% on 0.3 µm)	HEPA (99.97% on 0.3 µm)
VOC Removal	No	Yes
Weight	3.3 kg (7.28 lbs)	4.8 kg (10.5 lbs)
Estimated Change Interval	5,000 hours	5,000 hours
Dimensions	13.6" OD x 19.8" L 345mm OD x 503mm L	15.3" OD x 19.8" L 389mm OD x 503mm L
Approvals	OE Production Approval	FAA T&C* PMA, OE Production Approval In-Process

*Test and Computation



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