Donaldson
FILTRATION SOLUTIONS
AFS | LE BOZEC | WESTERN FILTER

Demand Donaldson for Your Airbus Fleet

Modern Technology and Innovative On-Board Solutions

Donaldson aircraft filters lead the industry in cleaning critical environments. Whether we're keeping passengers and crew in a comfortable cabin environment or protecting the vital operations of electronic equipment, Donaldson products are key to the successful operation of commercial aircraft.

Our innovative solutions include:

- HEPA Cabin Air Recirculation Filters
- Avionics Bay Ventilation Filtering Systems
- Pressure Unit Air Systems
- Rain Repellent Systems

Donaldson®

Continuous Development *of* Innovative Filtration Systems *and* Solutions

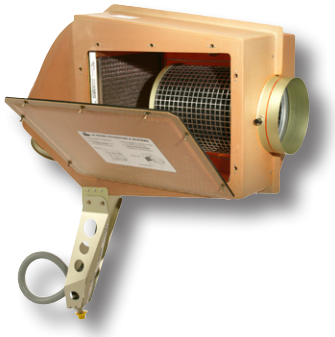
....providing a better environment for your crew, passengers, equipment and critical systems

Donaldson Le Bozec HEPA Cabin Air Recirculation Filters leave the cabin clean from impurities, including bacteria and viruses.

HEPA Cabin Air Recirculation Filter

Donaldson Cabin Air Recirculation Filters keep your Airbus aircraft comfortable for crew and passengers. Our High Efficiency Particulate Arrestor (HEPA) filters trap dust, lint, pollen, smoke, bacteria, viruses, spores, hydraulic mist and other contaminants before they enter the aircraft cabin. Our HEPA filters protect against airborne bacteria and viruses such as H1N1 flu and SARS. Airbus demands HEPA efficiency for their cabin recirculation filters and Donaldson meets or exceeds these specifications[1].

- Airbus approved
- HEPA efficiency
- Light weight filters provide long lasting results



Our Avionics Bay Ventilation System has been the default system for the A320 family since March 2003.

Avionics Bay Ventilation Filtering System

Our Avionics Bay Ventilation Filtering System, for the A320 family, supplies the avionics compartment with dry, clean air while the aircraft is on the ground and in the air. The two-stage system offers a demister for water coalescence and a particulate filter for dust removal. Both filters are long lasting (replace at 3600 flight hours) and require no inspections or maintenance.

- 3.0 kg (6.6 lbs.) lighter than the alternate system
- Superior dust holding capacity
- Long lasting, cost effective solution

Fleet Retrofit Programs Available
Contact Donaldson for more info!

Part Number 4020Q10-2 Pressure Unit Air Filter with automatic water drain

Pressure Unit Air Filter (PUA)

The Donaldson PUA filter pressurizes and protects the hydraulic reservoir on A330 and A340 aircraft by providing filtration and moisture removal of incoming air from the auxiliary power unit or engine.

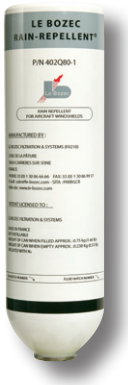
- Pre-2003 aircraft featured the 4020Q8-3 with manual water drain
- Post-2003 aircraft featured the 4020Q10-2 with automatic water drain
- Detailed retrofit options available in Service Bulletins A330-29-3091 and A340-29-4070

1 - For more information on HEPA media, please refer to our HEPA Filtration Facts brochure, available at www.donaldson.aero

Popular Filters and Systems

Aircraft Model/ Product System	Description	Assembly	Sub Assembly	Donaldson Part Number	Service Interval[3]
A300 B2 B4, A300-600, A310					
Rain Repellent	Fluid			402Q80-1	
	Flush Can			406Q80-1	
	Gauge			4020W35-3Amt.A	
A318, A319, A320, A321					
Rain Repellent	Fluid			402Q80-1	
	Flush Can			406Q80-1	
	Gauge			4020W35-3Amt.A	
Cabin Air Filter	HEPA Cabin Air Filter			424B200-7	1C-Check
Avionics Cooling	Avionics Ventilation Filter (Default System since March 2003)			34800A200-5	
		Housing Assembly		402K200-1	
		Syphon Assembly		402U20-1	
		Cartridge Assembly		4200A200-5	
			Dust Separator Filter	420A200-5	3600 FH
			Cap	SF0933	
		Demister Filter		425A200-5	3600 FH
	Avionics Cooling System (Pre March 2003)			34800A200-4	
		Avionics Prefilter		4250A200-3	
			Avionics Demister Filter	425A200-3	1A-Check
			Cover	SF0040	
		Dust Separator Assembly		4200A200-4	
			Dust Separator Filter	420A200-4	2A-Check
			Dust Separator Body	SF0457-1	
			Cap	SF0462	
Filter Scavenge	CFM56-5A (A319/A320)		336-047-002-0	418A25-2	
	CFM56-5B (A320 family)		337-080-102-0	416F25-4	
Filter Back-up	CFM56-5B (A320 family)		337-080-003-0	416B16-5	
A330-200 / -300 & A340-200 / -300 / -500 / -600					
Rain Repellent	Fluid			402Q80-1	
	Flush Can			406Q80-1	
	Gauge			4020W35-3Amt.A	
Cabin Air Filter	HEPA Cabin Air Filter			430B100-3	1C-Check
Pressure Control	Pressure Unit Air (PUA) Auto Drain[1]			4020Q10-2	
		Filter		402B8-4	2C-Check
		Fluid Separator		402D8-3	2C-Check
	Pressure Unit Air (PUA) Manual Drain[2]			4020Q8-3	
		Filter		402B8-3	2C-Check
		Fluid Separator		402D8-2	2C-Check
Filter Scavenge	CFM56-5C (A340 / -200 / -300)		337-080-102-0	416F25-4	
Filter Back-up	CFM56-5C (A340 / -200 / -300)		337-080-003-0	416B16-5	
A380					
Rain Repellent	Fluid			402Q80-1	
	Flush Can			406Q80-1	
	Gauge			4020X35-1	

1 - After 2003 or if retrofit by Service Bulletin 2 - Before 2003 3 - Service Interval as needed unless specified



Safety System in a Can!

Donaldson Rain Repellent™ System

Windshield visibility is a serious issue for pilots. Wipers may not be effective in moderate to severe rain. In addition, the field life of windshield coatings is limited, ranging from one week to one year, depending on flight conditions. Our rain repellent fluid and supply system improves windshield visibility in even the most adverse weather and flight conditions.

Key Features:

- Available for on-demand use by pilots
- Fast acting, long-lasting
- CFC-free: non-corrosive, non-toxic and non-flammable

Donaldson products can also be found on Boeing, Bombardier and Dassault aircraft, as well as military, regional, and general aviation fixed wing aircraft and military and civilian rotorcraft.

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