

AS365 Dauphin/EC565 Panther/ H425 (Z9) Helicopter

PUREair System

The Ultimate in Engine Protection

The Dauphin (Dolphin), Panther and H425 (Z9) helicopters are used in a variety of roles such as: Emergency Medical Service, Search and Rescue, Law Enforcement, Fire-Fighting, Border/Coastal Patrol and Offshore Transport.

These demanding missions can mean anxious and dangerous minutes spent hovering close to the sea or ground, and frequent landings on unprepared landing zones.

In addition, these helicopters must be available 24/7 for rapid deployment to any location. They require a maintenance free protection system.

The *PUREair* system is the perfect solution for such challenging operations.

It provides the highest level of engine protection which results in:

- Reduced maintenance & operational costs
- Increased operational availability & reduced downtime
- Increased engine reliability
- Safer operation (protection against FOD, ice, snow and sand)
- Protection against engine erosion



PUREair system for the AS365 Dauphin/EC565 Panther/H425 (Z9) helicopter



Product Details

H425 Pall P/N: QB0935 (Port) QB0936 (Starboard)

Dauphin/Panther Pall P/N: QB0935 (Port) QB0936 (Starboard)

Dauphin/Panther Pall P/N: QB05045 (Port) QB05046 (Starboard)

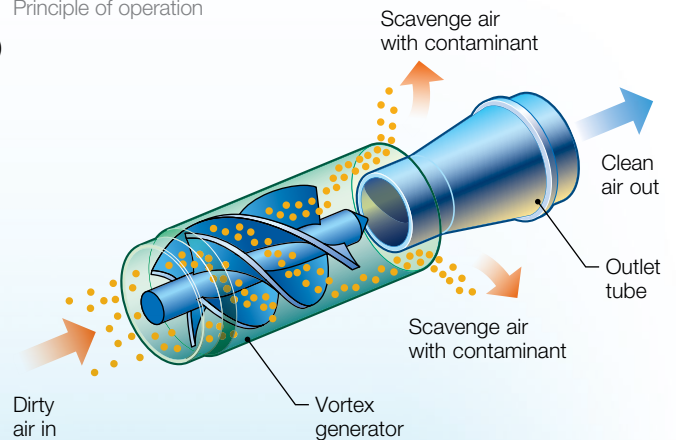
Scavenge System: Ejector

No bypass door required.

Approval: QB0935/6 **PUREair** is approved for the H425 by Hafei in China. The upgraded design is waiting approval for the Eurocopter Dauphin family. For more details contact PUREair@pall.com.

PUREair Vortex Tube

Principle of operation



The **PUREair** system benefits:

Self Cleaning System

No barrier filters to clean /replace

Constant Removal Efficiency

Non-bypass system. No degradation in filtration performance

No Filter Blockage

PUREair pressure drop does not increase with use - no risk of in-flight filter blockage

Increased Engine MTBUR

Improved protection from engine erosion

Increased Flight Safety

Excellent protection against FOD (Foreign Object Damage)

All Weather Protection

Excellent protection in Ice, Snow, Heavy Rain, and Salt Spray Conditions. Certified for flight in "known icing conditions"

Pall **PUREair** systems have been protecting helicopter engines since the 1960's. More than fifty different designs have been certified and operate worldwide. They are used on a variety of rotorcraft including AgustaWestland, Bell, Boeing, Denel, Enstrom, Airbus Helicopters, Kaman, MIL and Sikorsky.



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