

## 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)

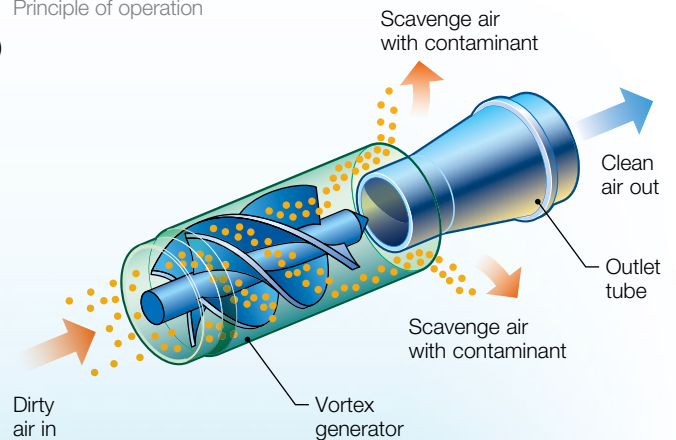
Dauphin/Panther Pall P/N: QB05045 (Port) QB05046 (Starboard)

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](mailto: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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