

## NH90 Helicopter

### *PUREair* System

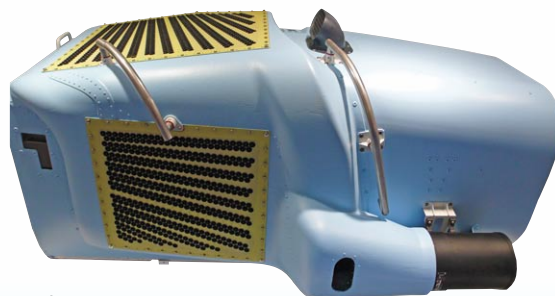
### The Ultimate in Engine Protection

The NH90 helicopter has two main roles: tactical troop transport, and anti-ship/anti-submarine warfare. It can be operated in any theatre of operation, at any time of day or night, and in all types of weather conditions

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 NH90 helicopter

## Product Details

Pall P/N: QB0843, QB0844, QB0845, QB0846

Scavenge System: Fan

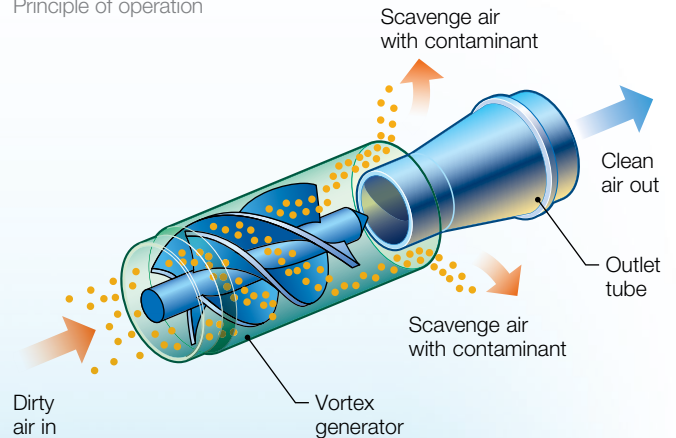
Certified for inadvertent entry into icing conditions.

**No bypass door required.**

Approval: Eurocopter approved

### *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.



Pall Corporation

Pall Aerospace


10540 Ridge Road  
New Port Richey, FL 34654  
+1 727 849 9999 telephone  
+1 800 933 3111 toll free US

Portsmouth - UK  
+44 (0)23 9233 8000 telephone  
PUREair@pall.com

Visit us on the Web at [www.pall.com/PUREair](http://www.pall.com/PUREair)

Pall Corporation has offices and plants throughout the world. For Pall representatives in your area, please go to [www.pall.com/contact](http://www.pall.com/contact)

Because of technological developments related to the products, systems, and/or services described herein, the data and procedures are subject to change without notice. Please consult your Pall representative or visit [www.pall.com](http://www.pall.com) to verify that this information remains valid. Products in this document may be covered by one or more of the following patent numbers: US 7,879,123.

© Copyright 2014, Pall Corporation. Pall, and  are trademarks of Pall Corporation.  
® Indicates a trademark registered in the USA, and *Filtration. Separation. Solution.<sup>SM</sup>* is a service mark of Pall Corporation.