

## Mi17 Helicopter including Mi8-MT variants

### *PUREair* System

### The Ultimate in Engine Protection

The Mi17 helicopter is a multipurpose helicopter used in a variety of roles, including civil and military transport, fire-fighting and search and rescue.

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

In addition, these helicopters must be available 24/7 for rapid deployment to any location.

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 Mi17 helicopter



# PUREair

FEATURING  TECHNOLOGY  
Aerospace

## Product Details

Pall P/N: **QQB0440-04**

Scavenge System: Fan Scavenge.

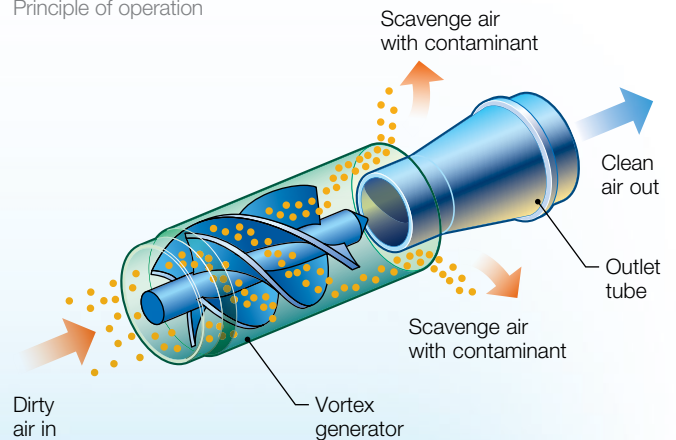
No extra limitations for operations in winter conditions.

**No bypass door required.**

Approval: Pending Service Bulletin from Russian Helicopters.

### *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.