

Mi38 Helicopter

PUREair System

The Ultimate in Engine Protection

The Mi38 helicopter is the latest multi-purpose helicopter from Russian Helicopters. It can be used in a variety of roles, including passenger and VIP transport, fire-fighting and search and rescue. These missions can mean frequent landings on unprepared landing zones away from the main base. The helicopter should be available for all weather, around the clock operation.

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 Mi38 helicopter (prototype unit).



PUREair

FEATURING  TECHNOLOGY
Aerospace

Product Details

Mi38	Pall P/N
Port (Left hand)	QB0953
Starboard (Right hand)	QB0954

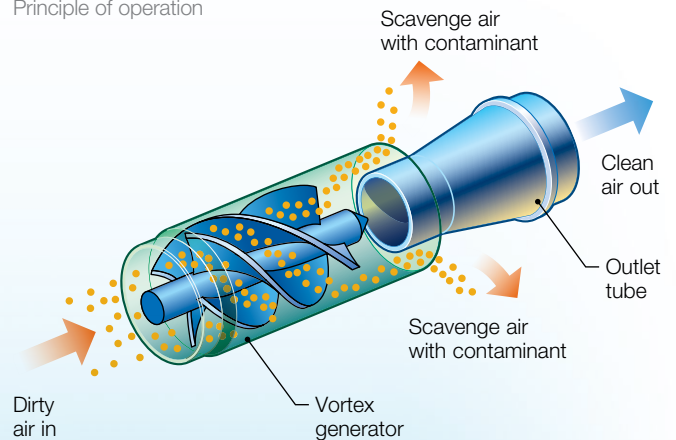
Scavenge System: Fan Scavenge.

No extra limitations for operations in winter conditions.

No bypass door required.

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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