

PA120 *PURE*air System Designed for Mi-8/17 Helicopters

The Highest Level of Protection for Your Engine Inlet Air

Research and field experience has established that airborne contamination entering helicopter engines and other fluid systems during high-intensity operations in harsh environments can cause wear and damage to critical components that can in turn result in operational problems and higher maintenance costs.

The ingress of environmental contamination, e.g. sand/dust, salt and moisture degrades engine performance and life of equipment, creating mission critical scenarios such as reduced engine reliability and engine power loss that can lead to airframe damage during landings in brownout conditions and reduced hover capability as well as reduced maneuvering capability.

The self-cleaning Pall **PA120 *PURE*air** system is the optimum solution tackling the main reasons for premature engine failure in the Mi-8/17 family of helicopters. By minimizing engine erosion, corrosion and FOD (Foreign Object Damage), the PA120 *PURE*air system increases engine reliability, improves flight safety and protects the mission by ensuring your helicopter's availability.

Features and Benefits

- Increased flight safety and reduced risks of mission abort or forced landings due to loss of engine performance
- Enhanced protection against engine erosion
- The highest level of protection for your engine inlet air
- Protection against Foreign Object Damage
- Allows pilots to conduct brownout landings in the 'safest' way rather than the 'quickest' way
- Reduced power loss due to uniform airflow distribution
- Year round snow and ice protection
- Significantly reduced maintenance costs



PA120 *PURE*air system
for MIL Mi-8/17 helicopters



Performance

Self Cleaning System

No barrier filters to clean /replace

Constant Removal Efficiency

No degradation in filtration performance

No Filter Blockage

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

Reduced Unscheduled Engine Removals

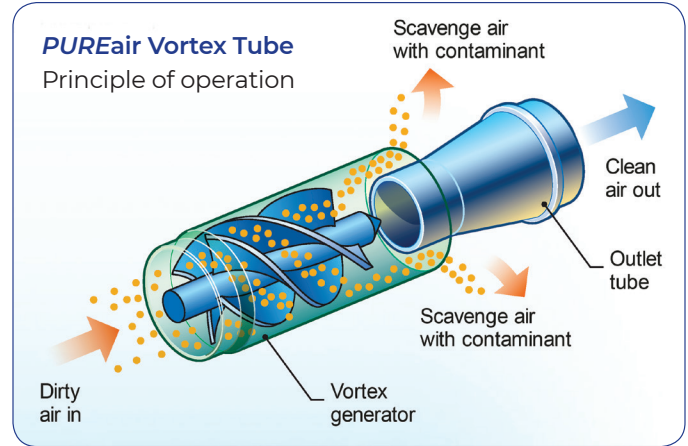
Improved protection from engine erosion

Increased Flight Safety

Excellent protection against FOD (Foreign Object Damage)

All Weather Protection

Protection in ice, snow, heavy rain, and salt spray conditions



Ordering Information

Pall Part Number:

QB05059 (including QB0977 / 78)

Technical data presented in this product data sheet represents only a fraction of the test program that has taken place to demonstrate the effectiveness of this filter.



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Pall Corporation has offices and plants throughout the world. To locate the Pall office or distributor nearest you, visit www.pall.com/contact.

The information provided in this literature was reviewed for accuracy at the time of publication. Product data may be subject to change without notice. For current information consult your local Pall distributor or contact Pall directly.

IF APPLICABLE Please contact Pall Corporation to verify that the product conforms to your national legislation and/or regional regulatory requirements for water and food contact use.

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