

**Highly
Efficient &
Competitive**



Background

Whenever the pressure or fluid level inside a reservoir fluctuates, airborne contaminants such as dust/dirt, moisture, and oxygen from the ambient environment is drawn through the breather vent port.

These unwelcome contaminants expedite the oxidation of oil, increases humidity which leads to condensation and free water accumulation, causes oil emulsion, sludge and acid formation, and corrosion. This in turn results in frequent fluid and filter changes, increased operating costs and downtime, and shortened equipment life, which greatly increases maintenance costs.

For all applications using hydraulic fluid and/or oil contained within fluid reservoirs, the use of desiccant air breathers is commonplace and can prevent possible contamination of fluids by absorbing moisture and filtering out other airborne contaminants. The efficiency of the breather and competitive cost over the period in service is a key factor in selecting which breather to use.

Pulsarlube AIR® Desiccant Breathers are a highly efficient and proactive maintenance countermeasure. It is one of your must-haves not only to keep the entire fluid system sound and clean, but to also extend the storage and service life of fluids.



Extended Service Life

A greater volume of silica gel provides higher absorption rate over comparable products.



Long Lasting Shelf Life

A non-permeable, triple layer film packaging guarantees a longer shelf life over comparable products.



Effective Removal of Contaminants

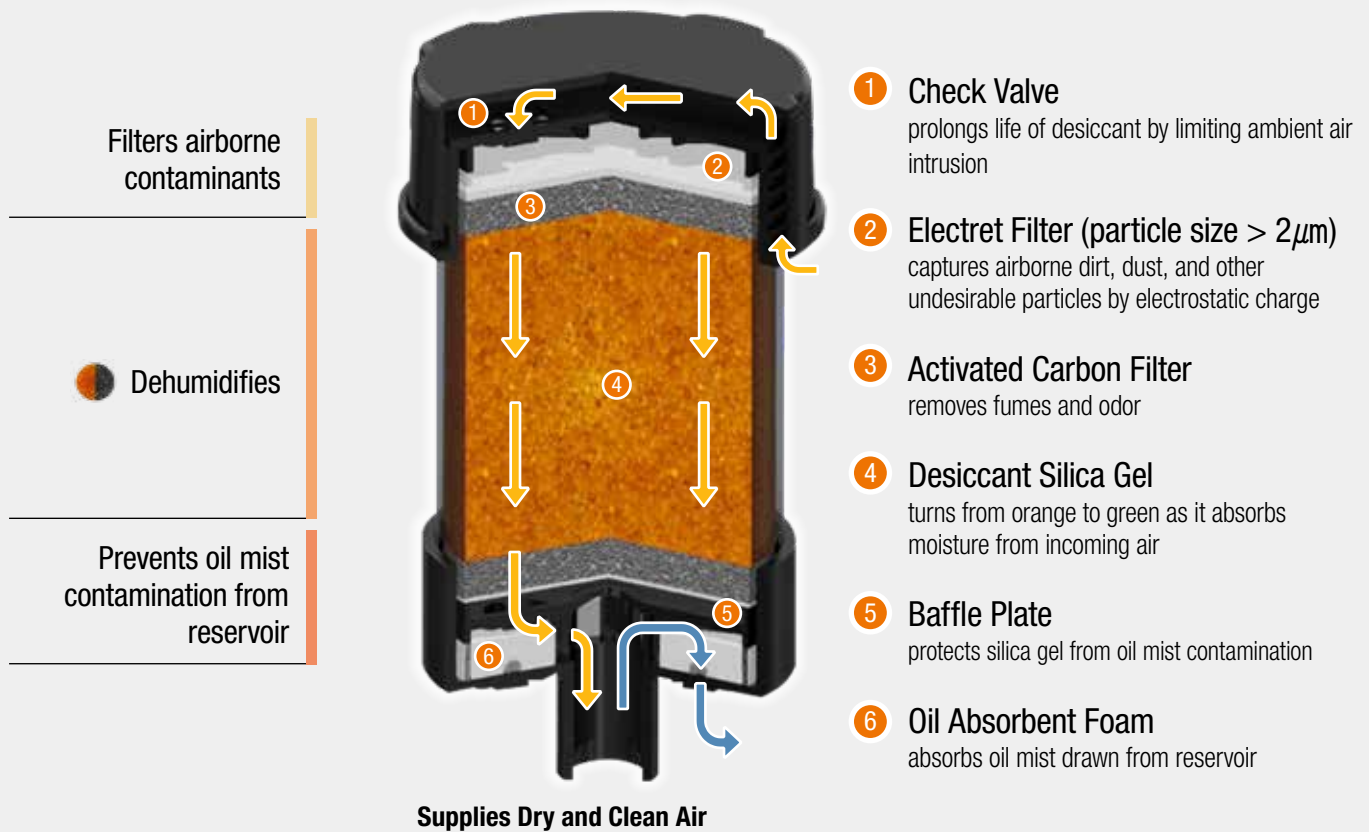
The combination of an activated carbon filter, advanced electret filter, and baffle plate offers superior contamination control.



Eco-Friendly Orange Indicating Silica Gel

The Eco-Friendly Silica Gel will turn dark green for easy visual reference when moisture is absorbed.

Design & Features



Specifications

	Diameter	Height	Mounting Connection	Silica Gel	Max. Adsorption Capacity	Max. Air Flow	Max. Reservoir Fluid Flow	Type of Desiccant
AB-PD100	5.54inch / 14.07cm	5.51inch / 14cm	1" slip fit	440g	160ml	20cfm	150gpm	100% Silica Gel
AB-PD101	5.54inch / 14.07cm	6.77inch / 17.2cm	1" slip fit	660g	279ml	20cfm	150gpm	100% Silica Gel
AB-PD102	5.54inch / 14.07cm	10.28inch / 26.1cm	1" slip fit	1320g	538ml	20cfm	150gpm	100% Silica Gel

NOTE

A variety of adaptors are available to connect to nearly all existing reservoir ports.

Applications



· Hydraulic Reservoir



· Industrial Gearbox



· Transformer



· IBC & Fluid Tank



· Mobile Equipment