

Pulsarlube AIR[®] Desiccant Breather

User Manual

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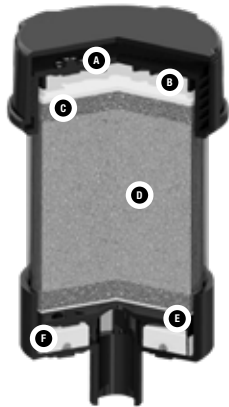
Model Name

AB-PD100 / 101 / 102

Product Shelf Life and Warranty

Warranty is limited to original defects in material and workmanship and will not cover any collateral damage due to mishandling, abuse and / or any other inappropriate use of this product. Warranty period is 1 year from the date of purchase.

1. Cross Section



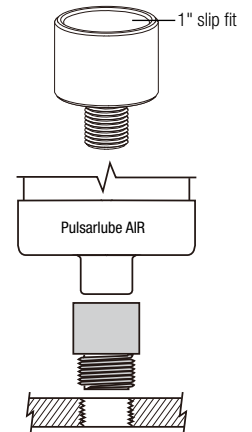
- A** Check Valve
- B** Electret Filter (particle size > 2µm)
- C** Activated Carbon Filter
- D** Desiccant
- E** Baffle Plate
- F** Oil Absorbent Foam

2. Adaptor Selection Guide (adaptors sold separately)

Product Name	Specification
AB(A)-PA01	1" × PT 3/8" Male
AB(A)-PA02	1" × NPT 3/8" Male
AB(A)-PA03	1" × PT 1/2" Male
AB(A)-PA04	1" × NPT 1/2" Male
AB(A)-PA05	1" × PT 1" Male
AB(A)-PA06	1" × NPT 1" Male

NOTE:

Please contact us for other types and/or size adaptors.








3. Unit Selection Guide

Product Name	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.

4. Special Notes on Mounting

-  Mount the breather using an adaptor best suited for your application, where it can easily be seen and maintained.
-  Use Teflon for an adapter to be tightly fitted on the tip of the breather.
-  Do not mount the breather on equipment that is too hot to touch. If the equipment reaches beyond 150°F(65°C), we recommend remote mounting the breather up and away from the heat source using an extension hose or pipe.
-  Do not mount the breather at an angle greater than 45°.
-  Do not mount the breather below the breather vent port on the equipment. This increases the chance of splashing or foaming oil getting into the breather.

5. Disposal Guide

-  Verify that all of the desiccant has turned from orange to dark green.
-  Remove breather from application.
-  Remove and save the adapter fitting to be used with a new breather.
-  Dispose of breather in accordance with all applicable federal, state and local regulations.
-  Review attached MSDS sheets.