

Pulsarlube AIR® Desiccant Breather

User Manual

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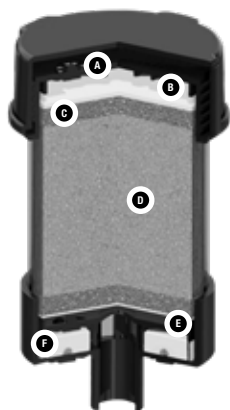
Model Name

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



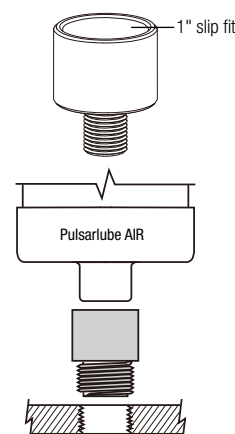
- A** Check Valve
- B** Electret Filter (particle size > 2µm)
- C** Activated Carbon Filter
- D** Desiccant
- E** Baffle Plate
- F** Oil Absorbent Foam

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.