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Hydraulic Reservoir Breather / Air Filter – ABL Series

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Part # ABL1U112QXWL3V



The Parker ABL Series is an eco-friendly reservoir breather / air filter designed to protect hydraulic systems from contaminant ingress. The breather utilizes replaceable LEIF® filter elements and is capable of airflows up to 2000 L/min (528 GPM).

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Technical Specifications

Filter Material:	3 micron abs. for air	Operating Temperature:	-20 / +80 °C
Outside Diameter:	127 mm	Connection:	1 1/2 UN-16-2B
Seal Material:	Silicon (integrated in LEIF element)	Flow Capacity (l/min):	1000 *
Flow Rate:	1000 L/min	Indicator Type:	Visual *
Housing Material:	High impact strength composite	Options:	None *

[Safety Warning](#)

Item Information

The ABL Series is an environmentally friendly reservoir breather / air filter that features replaceable LEIF® filter elements and silicon end caps. Utilizing high-efficiency glass fiber media (3 micron absolute for air), the breather serves as a critical line of protection against contaminant ingress in hydraulic systems, which can cause costly issues, such as increased wear on pumps and cylinders, decreased performance, and shorter maintenance intervals. Typical applications for the ABL Series breather / air filter include saw mills, agricultural machines, articulated dump trucks, forestry equipment, wheeled loaders, lubricated systems, excavators, industrial power units, and mobile cranes.

The ABL Series is tank-top mounted and features a high impact strength composite housing. It is available in two sizes: the ABL1 for airflows up to 1000 L/min (264 GPM) and the ABL2 for airflows up to 2000 L/min (528 GPM). Multiple connection, indicator, and adapter options are also available to meet the unique requirements of customers' hydraulic systems. Parker also offers the eco-friendly EAB Series breather / air filter , which offers multiple filtration media options and is designed for airflows up to 1500 L/min (396 GPM).

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Benefits:

- Prevents contamination and ingress of dirt, sand, dust, metal, etc. into hydraulic circuits
- Lengthens time in between required maintenance intervals, reduces operating costs, and extends overall equipment/machine operational life
- The use of eco-friendly replaceable elements reduces waste by up to 50% when compared to conventional filters with non-elements

Features:

- Capable of air flows up to 2000 L/min (528 GPM)
- Operating temperature range: -20 to +80°C (-4 to +175°F)
- Outside diameter: 127mm
- Optional G11/4 adaptor or G11/2 adaptor with filler connection
- Connections: threads G11/4, 11/2" UN-16-2B
- Elements can be used for hydraulic fluids and HEES type fluids only

CAD Drawings + Files



Related Documents



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Parker Sales Company UK

psc.uk.webform@support.parker.com

[+44 \(0\)1926 317878](tel:+441926317878)

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