

Hydraulic Reservoir Breather / Air Filter - EAB Series

Part #: EAB10P020GS12V4



The Parker EAB Series is an eco-friendly reservoir breather / air filter suited for a wide range of hydraulic system applications. Multiple filter media options available down to 1 micron abs. Designed for airflows up to 1500 L/min (396 GPM).

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Technical Specifications

Flow Rate:	1000 l/min	Pressure Relief Setting:	0.35 bar
Micron Rating:	2.0 µm	Filter Material:	Polyester media
Connection Type:	G $\frac{3}{4}$ Internal Thread	Seal Material:	Nitrile
Indicator Type:	n/a		

[Safety Warning](#)

Item Information

The EAB Series is an environmentally friendly reservoir breather / air filter that provides efficient protection against contaminant ingress into hydraulic circuits, preventing damage and wear to critical system components. EAB elements contain no metal parts and therefore can be crushed and/or burned. Only the contaminated filter media has to be disposed of, keeping the weight of chemical waste relatively low. Depending on the circumstances, the disposal and processing costs can be reduced by 50%, thus lowering cost of ownership. The EAB Series filter / breather is uniquely designed to achieve a low pressure drop and high dirt holding capacity in systems with airflows up to 1500 L/min (396 gpm). A compact version of the EAB Series with airflows up to 1000 L/min (264 gpm).

Three filter media options are available with the EAB Series air filter including polyester (2 micron absolute), polyester with water-resistant layer (1.5 micron absolute), and glass fiber media (1 micron absolute). Multiple connection types are also available, making the EAB Series compatible

with a variety of hydraulic systems. Typical applications for the EAB 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.

Parker also offers the eco-friendly ABL Series breather / air filter, which is designed for airflows up to 2000 L/min (528 gpm).

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
- Eco-friendly replaceable elements reduce disposal costs by up to 50% when compared to conventional filters with non-reusable elements
- No tools required for element change-outs

Features:

- Capable of airflows up to 1500 L/min (396 gpm)
- Operating temperature range: -20 to +80°C (-4 to +175°F)
- Optional gauge vacuum/pressure indicator
- Optional overpressure valve (pressure setting 0.2 bar)
- Multiple filter media options: polyester (2 micron absolute), polyester with water-resistant layer (1.5 micron absolute), and glass fiber media (1 micron absolute).
- Glass-reinforced composite housing

For more information or a detailed discussion about your specific requirements please contact Parker or an authorised Parker distributor.

CAD Drawings + Files



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