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In-Tank Mounted Filter - IN-AGB Series

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[Part #](#) IN12XBNEXXX1



The IN-AGB Series is a low cost, high performance in-tank mounted return line filter featuring a quick response bypass construction with low hysteresis and a high dirt-holding capacity.

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Technical Specifications

Brand:	Parker	Seal Material:	Nitrile
Flow Rate:	600 l/min	Product Type:	Hydraulic Filter
Bypass Valve Pressure Rating:	1.5 bar	Height:	599 mm
Division:	Hydraulic & Industrial Process Filtration Division EMEA	Product Series:	IN-AGB Series
Filter Element Type:	No element	Outside Diameter:	150 mm
Industry:	Industrial Manufacturing Equipment, Off-Road Machinery	For Fluid Type:	Hydraulic Oil
Micron Rating:	n/a	Operating Pressure:	0-34 bar, 0-500 psi
Application:	Agricultural Machines, Articulated Dump Trucks, Forestry Equipment, Lubrication Systems, Excavators	Operating Temperature:	-40 to +100 °C
Options:	No Diffuser	Mounting Type:	Tank Mounted
Technology:	Hydraulics, Filtration	Specifications Met:	Degree of filtration determined by multipass test according to ISO 16889.
		Indicator Type:	No Indicator

[Safety Warning](#)

Item Information

The low-cost, high-performance return line IN-AGB filter features Q3 filter media, a bypass construction with low hysteresis, magnetic pre-filtration and a high dirt-holding capacity. The range is capable of handling flow rates from 30 l/min up to 2400 l/min. LEIF® elements are available for flow rates up to 1500 l/min, meeting the most stringent demands for environmentally-friendly filtration and offering protection against poor quality pirate elements.

Features and Benefits

- The filter is integrated into the tank for a compact, low-cost design
- Bypass construction with low hysteresis for improved system protection.

• Multi-stage filtration removes ferrous particles, even during bypass conditions for improved fluid cleanliness levels and extended element life and holding capacity.



• Wide range of diffusers including airtight options.

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• Flow from inside to out ensuring all captured contamination is retained inside the element and no recontamination of the system during element change-out can occur.

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