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Tanktop Mounted Return Line Filter - TTF Series

Part #: TTF420QLBP2EG163



The TTF Series features pre-filtration by means of a magnet column and a quick response bypass with low hysteresis. Maximum pressure 10 bar. Maximum flow 500 l/min. A second return port is an available option as is a filling port in the filter cover.

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Technical Specifications

| | | | |
|-------------------------------|--|-------------------------------|------------------------------------|
| Flow Capacity (l/min): | 120 | Technology: | Filtration, Hydraulics |
| Bypass Valve (bar): | 1,5 * | Product Type: | Hydraulic Oil Filters |
| Filter Element: | 20QL Ecoglass * | Indicator Type: | No indicator, port plugged L+R |
| Port Connection Type: | G1 * | Options: | Diffuser type T |
| Flow Rate: | 0 to 180 l/min | Product Series: | TTF Series |
| Brand: | Parker | Product Style: | Tanktop Mounted Return Line Filter |
| Bypass Valve Pressure Rating: | 1.5 bar | Seal Material: | Nitrile |
| Division: | Hydraulic & Industrial Process Filtration Division | Bypass Valve Pressure Rating: | 1.5 bar |
| Connection Type: | EMEA | Operating Pressure: | 10 bar, 150 psi |
| Industry: | Trucks and Buses, Materials Handling, Construction | Operating Temperature: | -40 to 100 °C |
| Filter Element Type: | 20QL Ecoglass | Filter Element Type: | 20QL Ecoglass |
| Application: | Refuse Trucks, Mobile Cranes, Power Packs, Wheel Loaders, Drilling Equipment | Mounting Type: | Tanktop Mounted |
| Micron Rating: | 20 µm | Indicator Pressure Setting: | No indicator |

[Safety Warning](#)

Item Information

Parker TTF tank top mounted return line filters feature pre-filtration by means of a magnet column and a quick response bypass with low hysteresis. Thanks to the “In-to-Out” filter principle, contaminated oil cannot leak back into the system during element change.

TTF filters are available in formats capable of handling flow rates up to 500 l/min. They can operate up to a maximum working pressure of 10 bar. Options include a filling port in the filter cover, a second return port and customised diffusers can be specified.

Features and Benefits

- 10 bar rated filter can be utilised for severe return line applications for reduced downtime due to premature filter failures



elements safeguard filtration quality



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Magnetic pre-filtration removes ferrous particles, even during bypass conditions for improved cleanliness levels and extended element life time

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In-to-out filtration means captured contamination is retained inside the element preventing recontamination of the filter

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Quick response bypass with low hysteresis for improved system protection.

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