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# Tanktop Mounted Return Line Filter - TTF Series

Part #: TTF310QLBS4EG12A



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 Rate:                    | 0 to 140 l/min   | Product Type:                 | Hydraulic Oil Filters              |
| Brand:                        | Parker   | Product Series:               | TTF Series                         |
| Division:                     | Hydraulic & Industrial Process Filtration Division<br>EMEA                   | Options:                      | Diffuser type T, No magnets        |
| Bypass Valve Pressure Rating: | 1.5 bar  | Seal Material:                | Nitrile                            |
| Connection Type:              | G3/4   | Product Style:                | Tanktop Mounted Return Line Filter |
| Industry:                     | Trucks and Buses, Materials Handling, Construction                           | Bypass Valve Pressure Rating: | 1.5 bar                            |
| Filter Element Type:          | 10QL Ecoglass  | Operating Pressure:           | 10 bar, 150 psi                    |
| Application:                  | Refuse Trucks, Mobile Cranes, Power Packs, Wheel Loaders, Drilling Equipment | Operating Temperature:        | -40 to 100 °C                      |
| Micron Rating:                | 10 µm  | Filter Element Type:          | 10QL Ecoglass                      |
| Technology:                   | Filtration, Hydraulics   | Mounting Type:                | Tanktop Mounted                    |
| Indicator Type:               | Electrical 250V, NO/NC, G1/8   | Indicator Pressure Setting:   | 1.2 bar                            |

[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
- Patented *LEIF*® elements safeguard filtration quality



filtration removes ferrous particles, even during bypass conditions. For improved cleanliness levels and extended element life time

Home [Home](#) In-to-out filtration means captured contamination is retained inside the element preventing recontamination of the filter

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