

Technical Data

STAUFF RTF10/25 series return filters are designed for in-tank hydraulic applications with a maximum operating pressure of 3.4 bar (50 PSI).



Technical Specification

Construction	Tank Top flange mounting
Filter head	Die cast aluminum
Element bowl	Polyamide
Seals	“O”-Rings NBR (Buna-N®), FPM (Viton®)
Port connections	BSP, NPT, SAE-“O”-Ring thread
Flow rating	up to 95 l/min (25 US GPM) for 32 cSt (150 SUS) fluids
Operating Pressure	max 3.4 bar (50 PSI)
Test pressure	min 6.8 bar (100 PSI)
Temperature range	-25°C to +100°C (-13°F to 212°F)

By-pass valve (integrated in the filter element)

Allows unfiltered oil to by-pass the contaminated element once the opening pressure has been reached
Opening pressure
1.7 bar (25 PSI)

Clogging indicators

Gage indicator 0-6.9 bar (0-100 PSI) with colored segments;
Electrical, 0.35-2.5 bar (5-35 PSI) adjustable

Elements

Flow characteristics see page F71

Media

Mineral oils, other fluids on request