

## Technical Data

STAUFF RTF40 series return filters are designed as tank top filters with a maximum operating pressure of 6.9 bar (100 PSI). The filter bowl is designed to return the oil beneath the surface thus preventing entrainment of air.



## Technical Specification

Construction	Tank top flange mounting
Filter head	Die cast aluminum
Element bowl	Bowl length 1, Polyamide Bowl length 2, Steel
Seals	“O”-Rings NBR (Buna-N®),
Port connections	BSP, NPT, SAE-“O”-Ring thread, SAE flange
Flow rating	up to 379 l/min (100 US GPM) for 32cSt (150 SUS) fluids
Operating Pressure	max 6.9 bar (100 PSI)
Temperature range	-25°C to +95°C (-13°F to +212°F)

By-pass valve	Allows unfiltered oil to by-pass the contaminated element once the opening pressure has been reached
By-pass setting	1.7 bar (25 PSI) (by-pass in element for RTF47, by-pass in head for RTF48 and RTF49)
Clogging indicators	Gage indicator 0-6.9 bar (0-100 PSI) with coloured segments; electrical, 0.35-2.5 bar (5-35 PSI) adjustable
Elements	Flow characteristics see page F58
Media request	Mineral oils, other fluids on request