

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

FILTRATION

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 colored segments; electrical, 0.35-2.5 bar (5-35 PSI) adjustable
Elements	Flow characteristics see page F75
Media	Mineral oils, other fluids on request