

Technical Data

Stauff RTF 50 series return filters are designed for in-tank hydraulic applications with a maximum pressure of 6.9 bar (100 PSI). The filter bowl is designed to return the oil beneath the surface thus preventing entrainment of air. The RTF58 elements interchange with the popular "K" series and RTF59 elements interchange with the "RTE-409" series elements



Technical Specification

Construction	Tank top flange mounting
Filter head	Die cast aluminium
Element bowl	Bowl length 1, Polyamide Bowl length 2, Steel
Seals	"O"-Rings NBR (Buna-N®)
Port connections	BSP, NPT, SAE "O"-Ring thread
Flow rating	up to 379 l/min (100 US GPM) for 32 cSt (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 valve	1.7 bar (25 PSI)
Clogging indicators	Gauge indicator 0-6.9 bar (0-100 PSI) with colored segments; Electrical, 0.35 - 2.5 bar (5-35 PSI) adjustable
Filter elements	Flow characteristics see page F79
Media	Mineral oils, other fluids on request