

## Technical Data

Stauff Return Line Insert Filters RTF-N allow for a choice of installation configurations which permits custom reservoir design with an in tank filtering system. The filters are installed semi-immersed or totally immersed into a reservoir. The filtration flow is from inside to the outside of the element which ensures that all the contaminant is collected inside the element itself avoiding contact with the reservoir fluid during element change. The combination of magnetic pre-filtration and high filtration efficiency results in a cost effective and versatile filtration system.



## Technical Specification

Construction	Insert filter
Flange plate	Aluminium
Magnet rod	Steel
By-pass	Steel
Diffuser	Steel
Seals	NBR (Buna-N®) or FPM (Viton®) on request
Flow rating	Up to 132 GPM (500 LPM)
Operating pressure	10 bar (145 PSI)

Temperature range	-29°C to +107°C (-20°F to 225°F)
By-pass valve	Allows unfiltered oil to by-pass the contaminated element once the opening pressure has been reached
By-pass setting	1.5 bar (22 PSI)
Filter elements	Flow characteristics see page F92
Media	Mineral oils, other fluids on request