

# RT Tank-Mounted Filter

## Introduction

Schroeder's RT filter is one of our most popular, and most versatile, models. An investigation into the origins of the HF4 automotive standard will reveal that it was actually written around Schroeder K-size elements. This being the case, the RT tank-mounted filter remains one of the most recognizable and most prominently used filter housings in the fluid power industry today. The RT can be supplied with either 1, 2, or 3 K-sized elements stacked end to end.



## Advantages

- Low pressure tank-mounted filter, with up to 3 inlet ports
- Meets HF4 automotive standard
- Top, side or bottom mounting
- Optional check valve prevents reservoir siphoning
- RTW model allows filter to be welded to tank, instead of being bolted
- Also available with new DirtCatcher elements (KDZ)
- Various dirt alarm options
- Same day shipment model available

## Specifications

**Flow Rating:** Up to 100 gpm (380 L/min) for 150 SUS (32 cSt) fluids.

**Max. Operating Pressure:** 100 psi (7 bar)

**Min. Yield Pressure:** 400 psi (28 bar)

**Rated Fatigue Pressure:** 90 psi (6 bar), per NFPA T2.6.1-1974

**Temp. Range:** -20°F to 225°F  
(-29°C to 107°C)

**Bypass Setting:** Cracking: 25 psi (1.7 bar)  
Full Flow: 48 psi (3.3 bar)

**Porting Base & Cap:** Die Cast Aluminum  
**Element Case:** Steel

**Weight of RT-1K:** 11.4 lbs. (5.2 kg)

**Weight of RT-2K:** 14.5 lbs. (6.6 kg)

**Element Change Clearance:** 8.0" (205mm) for 1K;  
17.50" (445 mm) for KK;  
26.5" (673 mm) for 27K

## Applications

- Mining
- Automotive Manufacturing
- Steel Making
- Injection Molding
- Industry
- Machine Tool
- Mobile Vehicles

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