

KFT | Tank-Mounted Filter

Introduction

The KFT features a steel bowl with welded steel fittings. When ordered with the optional steel cap, it is the only completely steel K size tank mounted filter. The all-steel construction allows the KFT to be used in mining, marine, and oil and gas applications where current safety regulations prevent the use of aluminum. The KFT is available with 1 to 4 ports ranging in size from 1/2 inch NPT or SAE-8 up to 2 inch NPT for SAE-32. With four standard porting locations the KFT offers superior plumbing flexibility. Currently the KFT is available in the single length K size housing. With outlet options as well as Dirt Alarm® options, the KFT is an incredibly versatile 100 gpm, 100 psi return line tank mounted filter.



Model No. of filter in photo is
KFT1K10P24P24NB

Advantages

- Multiple inlet/outlet porting options
- Top, side or bottom mounting
- Optional check valve prevents reservoir siphoning
- Can also be used in return line application (contact factory)
- Double and triple stacking of K-size element can be replaced by single KK or 27K-size element
- Allows consolidation of inventoried replacement elements by using K-size elements
- Also available with DirtCatcher® elements (KD and KKD)

Filter Housing 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:	Contact Factory
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 Head & Cap:	Die Cast Aluminum (standard), Steel (optional)
Element Case:	Steel
Weight of KFT-1K:	10.0 lbs. (4.5 kg)
Weight of KFT-2K:	13.6 lbs. (6.2 kg)
Element Change Clearance:	10DV: 3.5" (89 mm) 16DV: 3.5" (89 mm)

Applications

- Mobile Vehicles
- Industrial
- Mining Technology
- Marine

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