PRODUCT DATASHEET

Diesel Fuel Filtration and Polishing Skid

Coalescing and particle filtration for mine-site and plant diesel

Product page





Close-up: coalescer and fine filter housings

OVERVIEW

The Tech Inc. Diesel Fuel Filtration and Polishing Skid keeps diesel clean at mine sites, power plants and vehicle fleets. Fuel is pumped from storage through a coarse strainer, a water-coalescing stage and fine particle filters, and back to the tank or on to dispensing.

TYPICAL DESIGN DATA

Filtration	Coarse strainer, water coalescer and fine particle filters
Water removal	Free and emulsified water to a few hundred ppm or less
Cleanliness	Target ISO 4406 code set to the engine maker's requirement
Codes and standards	Pressure parts to ASME B31.3 practice; cleanliness reported to ISO 4406
Materials	Carbon steel or stainless housings; no zinc in contact with fuel
Hazardous area	Ex-rated motor and instruments where required
Frame	Skid with drip tray, forklift pockets and earthing

MODELS AND CAPACITIES

- **TI-DFP-50** – about 50 L/min
- **TI-DFP-400** – about 400 L/min
- **TI-DFP-150** – about 150 L/min
- **TI-DFP-1000** – about 1,000 L/min

Indicative fuel flow.

ORDERING CODE

Example **TI-DFP-400-K-S**: **400** flow, L/min; **K** duty: R receipt, K kidney loop, D dispensing, M mobile cart; **S** options: S online sensor, A automatic water drain, Z hazardous-area build.

SCOPE OF SUPPLY

Included: factory acceptance test with a written report; drawings for approval, material certificates and manual.
Options: online particle and water sensor; automatic water drain; mobile cart version; hazardous-area build; spare element sets.

KEY ADVANTAGES

- **Protected engines** – clean, dry fuel at the injector
- **Water out** – coalescer with automatic drain
- **Know the condition** – differential pressure and optional sensor
- **Site-ready** – rugged skid or mobile cart

How to cite: Diesel Fuel Filtration and Polishing Skid (model TI-DFP; Tech Inc., Vaughan, Ontario, Canada). www.techincresearch.com/product-page/diesel-fuel-polishing-skid

Designed and built by Tech Inc. · **Part of the Davey Group since 1990**

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