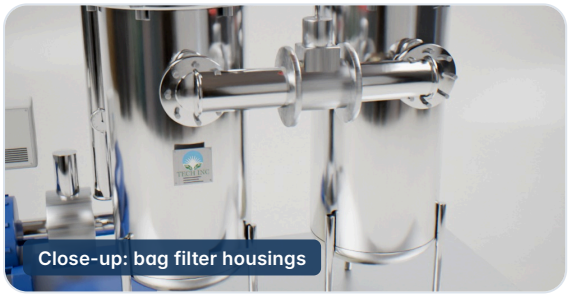
PRODUCT DATASHEET

Edible Oil Polishing Filtration Skid

Bleaching-earth safety and final polishing filtration for refineries

Product page





Close-up: bag filter housings

OVERVIEW

The Tech Inc. Edible Oil Polishing Filtration Skid catches fine bleaching earth and other particles that pass the refinery's leaf filters, and polishes oil before storage and filling. Bag or cartridge housings in duplex or single arrangement keep the line running while elements are changed.

TYPICAL DESIGN DATA

Filtration	Bags about 1 to 25 µm or cartridges about 0.5 to 10 µm
Materials	316L or carbon steel
Temperature	To about 120 °C
Codes and standards	Pressure parts to PED or ASME VIII; food-contact materials
Arrangement	Single or duplex with changeover
Heating	Jacketed or traced housings for fats
Elements	Food-grade bags and cartridges supplied

MODELS AND CAPACITIES

- **TI-EOP-5** – about 5 m³/h
- **TI-EOP-15** – about 15 m³/h
- **TI-EOP-40** – about 40 m³/h
- **TI-EOP-80** – about 80 m³/h

Indicative oil flows.

ORDERING CODE

Example **TI-EOP-15-D-C5**: **15** oil flow, m³/h; **D** S single, D duplex; **C5** element: C cartridge or B bag, with rating in µm.

SCOPE OF SUPPLY

Included: factory acceptance test with a written report; drawings for approval, material certificates and manual.
Options: transfer pump; jacketed or traced housings; differential-pressure switches to the DCS; spare elements; sight glasses.

KEY ADVANTAGES

- **Bright oil** – fine particles removed
- **Heated option** – for fats and stearins
- **No downtime** – duplex changeover
- **Spares on hand** – food-grade elements supplied

How to cite: Edible Oil Polishing Filtration Skid (model TI-EOP; Tech Inc., Vaughan, Ontario, Canada). www.techincresearch.com/product-page/edible-oil-polishing-filtration-skid

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

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