PRODUCT DATASHEET

Fuel Oil Heating and Pumping Skid (Booster Module)

Fuel oil booster module with heaters, pumps, filter and viscosity control for engines

Product page





Close-up: duty/standby heaters, viscosity controller and steam control valve

OVERVIEW

The Tech Inc. Fuel Oil Heating and Pumping Skid (Booster Module) prepares heavy fuel oil for diesel engines and burners. Supply pumps feed a mixing tank; booster pumps send the fuel through duty/standby heaters to the engine; a viscosity controller adjusts the heater output so the fuel arrives at the viscosity the engine maker sets; and an automatic filter protects the injection system.

TYPICAL DESIGN DATA

Duty	Fuel flow and engine inlet viscosity as the engine or burner maker specifies
Fuels	Heavy fuel oil and distillates; fuel specification such as ISO 8217
Heaters	Steam, thermal oil or electric, duty/standby
Codes and standards	PED 2014/68/EU or ASME Section VIII; class society rules for marine builds; CE marking
Control	Viscosity control on heater output; PLC with HMI and signals to the plant control system
Construction	Painted steel base frame with drip tray; insulated and trace-heated pipework

MODELS AND CAPACITIES

- **TI-FOH-E** – engine booster module
- **TI-FOH-B** – burner pumping and heating unit

Modules are built to your engines or burners and fuels.

ORDERING CODE

Example **TI-FOH-E-2**: **E** type: E engine booster module, B burner unit; **2** number of engines served.

SCOPE OF SUPPLY

Included: factory acceptance test with a written report; drawings for approval, material certificates and manual. **Options:** fuel cooler for distillates; class society certification; flow meters for fuel consumption; installation, commissioning and operator training.

KEY ADVANTAGES

- **Viscosity control** – fuel arrives at the viscosity the engine needs
- **Duty/standby** – pumps and heaters
- **Protected injection** – automatic back-flushing filter
- **Packaged** – one frame, one panel

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

Offices: Chennai · Toronto · Tallinn · Al Khobar

mail@techincresearch.com · +1 (289) 622-1032 · www.techincresearch.com

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