

Fuel Oil Handling Systems

Now more than ever before, we are able to construct complete custom engineered fuel oil pumping systems for light oil burners, emergency generators, mission critical environments. Preferred Utilities remote systems include micro-processor based tank gauging and interstitial space leak monitoring with a complete line fuel oil monitoring accessories.

Preventative Maintenance Additives

Our fuel oil additives can help break up water droplets and disperse sludge to improve filtration efficiency, increase boiler and engine performance, and increase overall reliability. Removing unwanted water from fuel tanks helps prevent corrosion, prevent leaks, and lengthen tank life. When ordered with the CA-1 option, Preferred filtration systems will store and automatically inject measured quantities of fuel additives to help keep tanks free of sludge and water buildup.

Field Maintenance Service

Behind every successful system implementation stands Preferred's highly trained staff of service engineers. We offer expert field service for the commissioning of both new systems and the routine maintenance of existing control systems. In addition to our staff of field service engineers, our factory authorized representative companies maintain service departments to provide prompt local service.

Quality Assurance Compliance

Before any product can be released for consideration, it must pass our rigid standard assurance testing program. Our practice of extensive testing and real-life simulation provides you with a line of proven accessories and eliminates the need for start-up experiments.

Free Product Training

Preferred offers regular technical and product training sessions at our Danbury Connecticut headquarters. Additionally, upon request sessions are provided throughout North America. Technical and product training helps save time and money. Please find our monthly training schedule on our website, www.preferred-mfg.com, or contact your regional sales manager for details.



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FUEL OIL SPECIALTIES

What's Inside:

- Fuel Oil Valves
- Storage and Spill Containers
- Diesel Fuel Oil Strainers
- Pump and Motor Assemblies
- Tank Monitoring Systems
- Leak Detectors
- Tank Sensors



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Founded in 1920 and in continuous operation ever since, Preferred Utilities was originally an installation and distribution company specializing in combustion equipment for industrial, commercial and institutional applications. 90 years later, we are an industry leading for custom engineered and fabricated fuel oil handling systems for diesel generators and dual fuel fired boilers for mission critical facilities such as data centers, hospitals, and emergency response facilities. Our engineers specialize in mission critical fuel oil system design so they are current with the latest industry practices and fire protection codes. In addition, Preferred Utilities offers a wide variety of fuel oil system components designed to meet the unique requirements of our fuel oil customers.



PREFERRED INNOVATION



Our Model 110 Oil Lever Gate Valve is used in fuel oil piping systems to provide automatic shut-off of the fuel flow in the event of a fire. This valve's operation is fully mechanical and is independent of the electrical power supply. The emergency fuel line shut-off is mandated by many codes.



The Model A Anti-Syphon Valve reduces fire hazards and prevents oil spills caused by oil being siphoned from the storage tank onto the boiler room floor. The UL Approved valve automatically shuts off the oil flow in the event of a broken or inadvertently left open oil suction line as required by NFPA 30 Flammable and Combustible Liquids Code.



The Model W Watertight Flush Fill Caps screw onto the threaded end of fill and/or sounding lines to provide full diameter access to the tank through a watertight terminal. A cast iron turning wrench is also included.



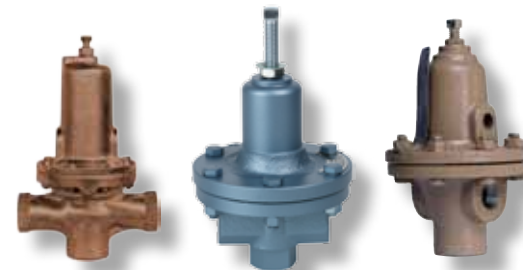
Our Simplex and Duplex Oil Strainers are designed for applications where easy maintenance and large capacity straining are required.



Breather Caps provide rugged, maintenance-free terminal protection for breather lines from sumps, reservoirs, expansion tanks and a wide assortment of industrial applications.



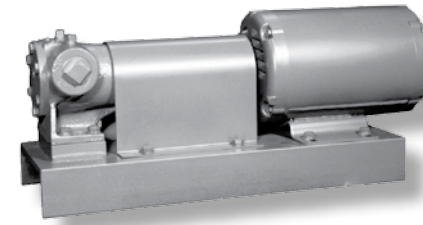
Preferred Poppet Foot Valves are designed to keep the suction line to the pump set primed by preventing the flow of oil back into the tank when the pumps are off.



Our Pressure Regulating and Reducing Valves are self-operated and spring-loaded with a cast iron body and stainless steel trim.



Preferred Utilities pressure gauges are bottom connected with either a stainless steel or black steel shatterproof, heat resistant, polycarbonate lens.



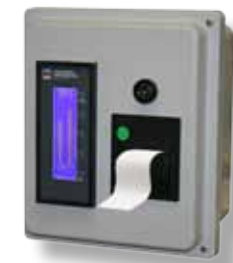
The Model LO, Light Oil Pump and Motor Assemblies are compact, direct drive units designed to meet the performance and reliability standards demanded in commercial, industrial and institutional applications. The pump & motor assemblies are for No. 2, No. 4, and diesel oils. Typical installations include diesel generators, oil burners, and day tanks.



The Model 2 Horizontal Spill Container provides a building outside wall termination point for fuel oil storage tank fill lines that contains any oil spilled when disconnecting the delivery fitting. Spill containment is required by NFPA 31 Standard for the Installation of Oil Burning Equipment.



The Model 3 Sidewalk Spill Container provides an in ground termination point for fuel oil storage tank fill lines that will contain any oil spilled when disconnecting the delivery fitting. Spill containment is required by NFPA 31 Standard for the Installation of Oil Burning Equipment.



The Fuel Sentry Model TG-EL-D4A Tank Gauge and Leak Detection System is a remote reading, microprocessor based, tank gauge, with six intrinsically safe sensor inputs that can monitor one or two tanks. The leak detection system is designed for use with double wall tanks, vaulted tanks, single wall tanks with spill basins, and double wall piping.



The Model TG-EL-D3, Tank Gauge and Leak Detection System is a remote reading, microprocessor-based tank gauge complete with an integral audible and visual alarm system for leak detection, tank overfill and low liquid level alarm.



The Model TG-EL-WF Wire Float Level Sensor is extremely accurate, easy to install, and ideal for low "Head Room" installation applications.



With its ruggedly constructed and no moving parts, the solid-state Model HD-A1 Leak Detector provides reliable and cost-effective performance. This leak detector uses a combination electro-optic technology, which reliably distinguishes between water and oil.