FUEL OIL SIZING PROGRAM

This PC-based engineering tool enables convenient design of system installation options, process piping and component selection and integration. Navigation and evaluation are easy with the fill-in-the-blank menus, pop-up windows and color-coded fields. Reports can also be generated or printed with all of the application details. All options for the suction and discharge piping systems can be quickly evaluated to provide the best design, while saving engineering time and money. Contact your Preferred Utilities representative for more details.

Field Services are available, when and where you need them. Preferred offers expert field services for both commissioning of new systems and routine maintenance of existing ones. In addition to our team of field service engineers, our factory-authorized representative companies are ready to provide prompt local service.

FUEL OIL HANDLING SYSTEMS

West & Mid West: Bob Cade
Tel: 503.430.7790
Fax: 503.430.7791

Northeast: Peter Knauf
Tel: 203.702.7095
Fax: 203.702.0632

Southeast: Bob Beck
Tel: 864.885.1695
Fax: 864.885.1679

National Sales Manager
David Eoff
Tel: 203.743.6741 ext. 120
Fax: 972.418.4846

FUEL OIL HANDLING SYSTEMS

West & Mid West: Bob Cade
Tel: 503.430.7790
Fax: 503.430.7791

Northeast: Peter Knauf
Tel: 203.702.7095
Fax: 203.702.0632

Southeast: Bob Beck
Tel: 864.885.1695
Fax: 864.885.1679

National Sales Manager
David Eoff
Tel: 203.743.6741 ext. 120
Fax: 972.418.4846

Represented by:

Sizing Program Welcome Screen

Application Selection Menu

Application Sample

FUEL OIL HANDLING SYSTEMS

Day Tanks with Pumps Custom Pump Sets Custom Control Cabinets

Since 1920 Preferred Utilities has been supplying complete combustion and fuel handling systems. Our experience, along with today’s state of the art control technology, has placed us in a unique position to solve any fuel handling problem. At Preferred, your job is treated individually. Electric pumps are chosen to meet your required flow and pressure criteria for the fuel(s) being transferred.

**APPLICATION**

**Heavy Oil Pump Set**
- Location: Metropolitan Hospital
- (1) Electric pump: 600 gph at 160 psi
- (2) Electric pumps: 1200 gph at 160 psi
- (1) Steam turbine pump with controls: 1800 gph at 160 psi
- Integral control cabinet
- Long life nitrided rotary gear pumps

**APPLICATION**

**Duplex Pump and Heater Set**
- Location: Children’s Hospital Campus
- 1500 gph at 200 psi #6 oil
- Double transfer liner safety heaters
- Pumps with long life nitrided rotors
- Automatic interface with central computerized data acquisition system
- Control strategies are selected to provide your desired degree of automation while assuring the highest levels of reliability. Monitoring and alarm points are selected to minimize any change in status. At Preferred, we combine pumps, day tanks, control systems and monitoring systems to offer you complete solutions from a single and reliable source.

**Product Legend**

1. Fuel Handling System Control Center
2. Duplex Pump & Motor Assembly
3. Simplex Strainer
4. Pressure Gauge
5. Relief Valve
6. Pump Set Leak Detector Switch
7. Fire Safety Fusomatic Electric Cut-off Switches
8. Leak Detection Switches
9. Tank Selector Valve
10. Anti-Syphon Valve
11. Back Pressure/Regulating Valve
12. Regulator/Inlet Fuel
13. Liquid Level Switch
14. Fill Cap or Fill Boxes
15. Vent Caps or Breather Caps
16. Fusomatic Gate Valve
17. Tank Vent Brick
18. In-wall Spill Container or Fill-A-Larm System
19. Discrimination Leak Detector
20. In-Ground Spill Containers
21. Street Boxes or Sidewalk Boxes
22. Storage Tank Monitor Access Manhole
23. Tank Gauge Wire Float Assembly
24. Tank Fill-A-Larm Switch
25. Foot Valve Extractor
26. Single or Double Poppet Foot Valves
27. Overfill Prevention Valve
28. Oil Lever Gate Valve
29. Vacuum Breaker
30. Tank Name Plates
31. Suction Stub Heaters
32. Filtration System
33. Automatic Fuel Oil Transfer Pump Set

**FUEL OIL HANDLING SYSTEM OVERVIEW**

1. Fuel Handling System Control Center
2. Duplex Pump & Motor Assembly
3. Simplex Strainer
4. Pressure Gauge
5. Relief Valve
6. Pump Set Leak Detector Switch
7. Fire Safety Fusomatic Electric Cut-off Switches
8. Leak Detection Switches
9. Tank Selector Valve
10. Anti-Syphon Valve
11. Back Pressure/Regulating Valve
12. Regulator/Inlet Fuel
13. Liquid Level Switch
14. Fill Cap or Fill Boxes
15. Vent Caps or Breather Caps
16. Fusomatic Gate Valve
17. Tank Vent Brick
18. In-wall Spill Container or Fill-A-Larm System
19. Discrimination Leak Detector
20. In-Ground Spill Containers
21. Street Boxes or Sidewalk Boxes
22. Storage Tank Monitor Access Manhole
23. Tank Gauge Wire Float Assembly
24. Tank Fill-A-Larm Switch
25. Foot Valve Extractor
26. Single or Double Poppet Foot Valves
27. Overfill Prevention Valve
28. Oil Lever Gate Valve
29. Vacuum Breaker
30. Tank Name Plates
31. Suction Stub Heaters
32. Filtration System
33. Automatic Fuel Oil Transfer Pump Set