SafeSite Integrated Fuel Oil Day Tank Package

The SafeSite Integrated Fuel Oil Day Tank Package is designed for emergency power, critical mission, boiler and manufacturing applications.

Core Engineered Solutions day tanks provide local fuel storage for emergency generators, boilers and manufacturing processes. The day tanks are built on a project by project basis and designed in accordance with the emergency power, critical mission or other specific requirements of the facility.

The day tank are provided as either standalone or integrated Fuel Oil Day Tank Packages, built in accordance with UL-142, UL-2085 or the MC 1305.14 NYC Alternate Tank Design and Construction Standards. Standard day tank capacities range between 25- and 1,000-gallons and are built for easy access through standard doorways. Typical day tanks are built rectangular in shape with the required pipe connections, inspection ports, mechanical gauging, suction tubes and other valving as required by the project.

Integrated Fuel Oil Day Tank Packages (DTS) are available to combine both the local storage and fuel oil transfer components, providing both a cost-effective and space savings option for facilities as required. The Integrated DTS provides a factory-installed and pre-wired option, including: Fuel Oil Controls, Supply Pump(s), Return Pump(s), Level and Leak Monitoring, and Fuel Oil Recirculation-Filtration options.

Standard Equipment
- UL-142, UL-2085 or MC 1305.14 Day Tank Assembly
- Urethane SP-6 Blast Topcoat (White)
- Mechanical Level Gauge
- Drop Tubes for Suction, Return and Fill
- Tank Compliant Labels (Capacity, Mfg., Product, Warning, Applicable Codes, NFPA).
- Strut Channel Mounting Brackets
- Tank Venting Connections, Atmospheric and Emergency Vent (Where Applicable)
- Legs for Base Mounting

Optional Equipment
- Secondary Containment (Open, Closed, Double Wall): 100% through 200% Containment as Required
- Electronic Level and Leak Monitoring
- Supply Pump(s)
- Return Pump(s)
- Fuel Oil Controls (FOC Emergency Power or CMFTS Critical Mission Systems)
- Fuel Oil Recirculation/Filtration

(Refer to Following Page for Model No. and Ordering Instructions)
Ordering Information - SafeSite Integrated Fuel Oil Day Tank Packages

<table>
<thead>
<tr>
<th>Rectangular</th>
<th>Cylindrical</th>
<th>Size in U.S. Gallons (Built to Size)*</th>
<th>Standard Fittings</th>
<th>Custom Fittings</th>
<th>Rupture Basin (Choose from Listed or Specify Size)</th>
<th>Single Wall</th>
<th>Open Rupture Basin</th>
<th>Closed Rupture Basin</th>
<th>Double Wall</th>
<th>UL-142</th>
<th>UL-2085</th>
<th>MC 1305.14</th>
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**Fuel Oil Supply Pumps**
- Simplex SS
- Duplex DS

**Desired Fuel Oil Supply Flow Rate (GPH)**
- None 0
- Simplex S
- Duplex D
- Simplex SR

**Fuel Oil Strainer Type**
- None 0
- Simplex S
- Duplex D
- Simplex SR

**Fuel Oil Return**
- Duplex DR
- Gravity Overflow 0

**Desired Fuel Oil Return Flow Rate (GPH)**
- None 0
- Simplex S
- Duplex D
- Simplex SR

**Fuel Oil Filtration**
- ASTM 975 A
- SAE 1488 SJ

*Standard tank sizes range from 25- to 1,000-gallons and are built in standards and customizable sizes.

**Factory will provide nearest flow rate available

All integrated day tank packages include level transmitters, leak sensors, vents, suction drop tubes, mechanical level gauges, double poppet foot valves and anti-syphon valves.

For special project requirements or further assistance please consult factory representative.