

LIQUID TRANSFER SIMPLEX PUMPSET



The Simplex Pumpset is designed for reliable fuel transfer for emergency power systems at critical facilities. Its compact design has a small footprint, yet is still able to deliver 7 to 30 GPM of fuel to serve emergency generators and boilers.

The Simplex Pumpset is based on Viking Positive Displacement Gear Pumps and Baldor TEFC General Purpose Motors and is complete with strainers, check valves, ball valves, relief valves, and vacuum and pressure gauges. The pumps are mounted in a containment basin with leak monitoring.

The Simplex Pumpset includes a motor starter panel with external electrical locking disconnects, internal motor starter disconnects, magnetic coil contactors, emergency stop pushbutton, and optional current sensors and auxiliary run monitoring to provide performance feedback to the Pump Control Panel.

The Pump Control Panel option provides simplex pump operation and monitoring with Hand-Off-Auto switches. The Pump Control Panel Screen provides an overview of operations and allows for special operating modes. The Pump Control Panel networks with other Proven Control control panels using Ethernet communication, and directly to BMS systems using BACnet or Modbus TCP/IP connectivity.

Standard Options

Dimensions

- Interior Pumpset Spill Pan
 - o 31 W x 20 L x 6 H
 - o 36 W x 30 L x 6 H
 - o 42 W x 36 L x 6 H
- Exterior Pumpset
 - o 36 W x 48 H x 16 D
 - o 48 W x 48 H x 16 D

Enclosure Rating

- NEMA 3R
- NEMA 4
- NEMA 4X

Power Requirements

- 208/230VAC 10A 60Hz 1-Phase
- 480VAC 10A 60Hz 3-Phase

Pump Capacity

- 7 GPM
- 10 GPM
- 15 GPM
- 20 GPM
- 30 GPM

Motor HP

- 1/2 HP
- 3/4 HP
- 1 HP
- 1.5 HP
- 2 HP
- Other