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Fuel Systems for Critical Power

M20 Duplex Fuel Oil Pump



The M20 Duplex Pump Set is designed for reliable fuel transfer in emergency power systems at critical facilities. Its innovative compact design has a minimal footprint while delivering 1 to 30 GPM (4 to 40 LPM) of fuel to serve emergency generators and boilers.

The units are designed for direct integration into generator control and monitoring systems for CAT, Cummins, MTU, FG Wilson and other generator suppliers.

The mechanical design is based on Viking positive displacement pumps and is complete with strainers, check valves, ball valves, pressure / vacuum gauges, relief valves. The unit is mounted on an integral containment with leak detection monitoring.

The Duplex Pump Set includes a motor starter panel with disconnect switch. The motor starter / drive includes current sensors for performance feedback to the duplex pump controller. The C800 OmniPlex Controller provides duplex pump operation and monitoring with HOA switches and an emergency stop.

Dimensions	24"Wx18"Dx48"H (600x460x1200)
Flow Capacity	3-30 GPM (12-120 LPM)
Pressure Capacity	100 PSI (690 kPa)
Pump Type	Viking Positive Displacement
Motor	TEFC
Horsepower	0.33-1.5 HP (0.25-1.10 KW)
Standard Accessories	Inlet Strainers Outlet Check Valve Leak Sensor Inlet Suction Gauges Outlet Pressure Gauges Motor Disconnect Switch
Construction	Welded Steel Construction Containment Basin (7 GAL) Industrial Enamel Finish Black Frame Option: Weatherproof Enclosure

Ordering Information

M20.05.HP(KW)-PH-HZ	5 GPM (20 LPM)
M20.10.HP(KW)-PH-HZ	10 GPM (40 LPM)
M20.15.HP(KW)-PH-HZ	15 GPM (60 LPM)
M20.20.HP(KW)-PH-HZ	20 GPM (80 LPM)
M20.30.HP(KW)-PH-HZ	30 GPM (120 LPM)
