

earth^o safe

Fuel Systems for Critical Power

MX200

MacroFlow Duplex Pump



The MX200 Duplex Pump Set is designed for reliable high volume fuel transfer in emergency power systems at critical facilities. Its innovative compact design has a minimal footprint while delivering 30 to 300 GPM (120 to 1200 LPM) of fuel to serve emergency generators and boilers. The units are available to accept either single or dual power sources.

The MX200 is packaged within our CE100 Critical System Enclosure for locations outside buildings. The CE100 is a welded steel assembly with fuel containment and leak detection. It includes lighting, heat and ventilation as required.

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, or optional VFD drive, 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	84"Wx84"Dx84"H (2130x2130x2130)
Flow Capacity	30-300 GPM (1200-1200 LPM)
Pressure Capacity	100 PSI (690 kPa)
Pump Type	Viking Positive Displacement
Motor	TEFC
Horsepower	1.5-7.5 HP (1.10-5.59 KW)
Standard Accessories	Inlet Strainers Flexible Connectors Outlet Check Valve Leak Sensor Inlet Suction Gauges Outlet Pressure Gauges Motor Disconnect Switch Flow Switches
Construction	Welded Steel Construction Double Door Opening 60" (1524) Containment Basin (150 GAL) (600L) Industrial Enamel Finish Color RAL 180-3 (Light Blue) Option: Weatherproof Enclosure
Controls	C800 OmniPlex (UL) C230 Motor Starters
Optional Accessories	03 Add Pressure Switch 04 Add Pressure Transducer 05 Add Electronic Meter

Ordering Information

MX200.YYY.XXX

YYY= 30-300 GPM (120-1200 LPM)

XXX=436 480 VAC – 3 PH – 60 Hz

XXX=435 460 VAC – 3 PH – 50 Hz