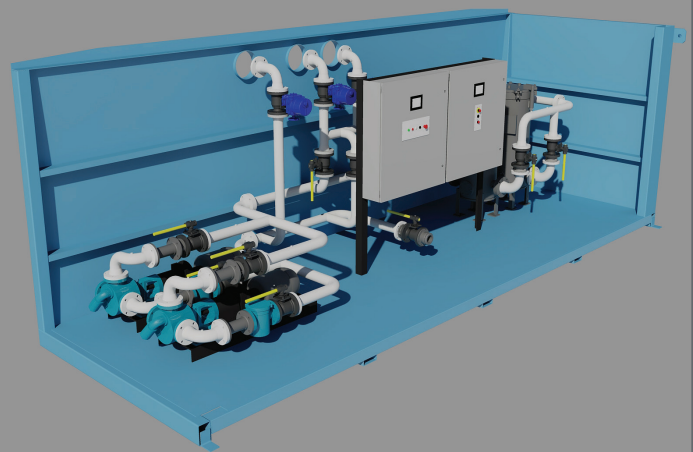


# earth<sup>o</sup> safe

Fuel Systems for Critical Power

## MX900

MacroFlow Integrated Solution



MX900 Integrated Solution is designed to provide a single module for all fuel transfer and monitoring functions. The system performs the following functions, or only a subset of them to suit the application.

1. Receipt of fuel, filtration and transfer to storage or generator tanks.
2. Recirculation and filtration / polishing of stored fuel.
3. Tank balance transfer between storage units
4. Transfer of fuel from storage tanks to generator tanks.

The MX900 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.

Modules are designed and tested as complete integrated solutions:

- Rated 50-300 GPM
- Welded Steel Construction
- Full secondary containment and leak detection
- Single (or Dual) power source with On-Board Distribution.
- PLC based Controller
- Fully Integrated Systems using Modbus, BACnet, or LON

Dimensions	50-75 GPM (200-300 LPM) 84"Wx84"Dx84"H (2130x2130x2130)  100-300 GPM (400-1200 LPM) 168"Wx84"Dx84"H (4260x2130x2130)
Flow Capacity	50-300 GPM (1200-1200 LPM)
Pressure Capacity	100 PSI (690 kPa)
Pump Type	Viking Positive Displacement
Motor	TEFC
Horsepower	2.00-10 HP (1.50-7.45 KW)
Filter	1-25 Micron Coalescing
Valves	Actuated Ball Valves for Function Control
Standard Accessories	Inlet Strainers Outlet Check Valve Flex Connectors Leak Sensor Inlet Suction Gauges Outlet Pressure Gauges Motor Disconnect Switch Water Sensor Differential Pressure Sensor Flow Sensor
Construction	Welded Steel Construction Containment Basin 150 GAL (600 L) Industrial Enamel Finish Color RAL 180-3 (Light Blue) Option: Weatherproof Enclosure
Controls	C800 OmniPlexPlex (UL) C230 PowerFlow Motor Starters
Optional Accessories	01 Water Storage System 02 Bio Storage System 03 Add Electronic Meter

### Ordering Information

MX900.YY.XXX.MM

YYY=Rated Flow 50-300 GPM  
(200-1200 LPM)

XXX=116 120 VAC – 1 PH – 60 Hz

XXX=215 240 VAC – 1 PH – 50 Hz

MM=01 1 Micron Filter / Separator

MM=05 5 Micron Filter / Separator

MM=10 10 Micron Filter / Separator

MM=25 25 Micron Filter / Separator