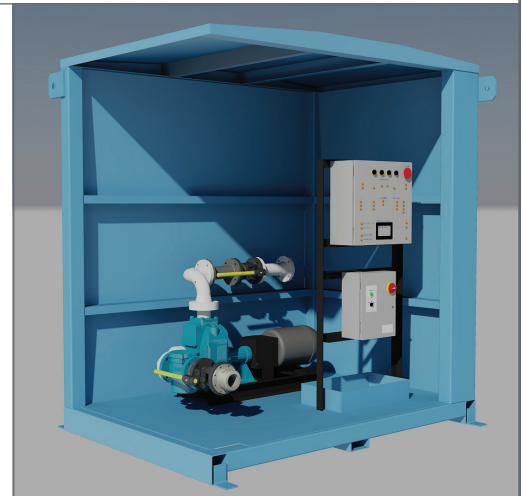


# earth<sup>o</sup> safe

Fuel Systems for Critical Power

## MX400

MacroFlow Fill Station



MX400 Tank Fill Stations are designed for the safe high volume transfer of fuel from delivery trucks to a single or multiple fuel tanks.

The MX400 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 centrifugal or 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 Fill Station includes a motor starter panel, or optional VFD drive, with disconnect switch. The motor starter / drive includes current sensors for performance feedback to the fill station controller.

Dimensions	84"Wx42"Dx84"H (2130x2130x2130)  Duplex 84"Wx84"Dx84"H (2130x2130x2130)
Flow Capacity	100-300 GPM (400-1200 LPM)
Pressure Capacity	100 PSI (690 kPa)
Pump Type	Viking Positive Displacement
Motor	TEFC
Horsepower	3.0-10.0 HP (2.23-7.45 KW)
Standard Accessories	Inlet Strainer Flexible Connectors Outlet Check Valve Leak Sensor Inlet Suction Gauges Outlet Pressure Gauges Motor Disconnect Switch Flow Switches  High Level Sensor 85-90-90% Level Transmitter and Display
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

MX401.YYY.XXX Single Pump  
MX402.YYY.XXX Dual Pump

YYY= 100-300 GPM (400-1200 LPM)

XXX=436 480 VAC – 3 PH – 60 Hz  
XXX=435 460 VAC – 3 PH – 50 Hz