

earth^o safe

Fuel Systems for Critical Power

M410

Pump Flow Fuel Tank Fill Station



M410 Tank Fill Stations are designed for the safe high volume transfer of fuel from delivery trucks to a single or multiple fuel tanks.

The M410 is packaged within our enclosure for locations outside buildings. The enclosure is a welded steel assembly with fuel containment and leak detection.

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	72"Wx30"Dx72"H (1830x760x1830)
Flow Capacity	100-300 GPM (400-1200 LPM)
Pressure Capacity	100 PSI (690 kPa)
Pump Type	Centrifugal
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 Industrial Enamel Finish
Controls	C8 Controller (UL) C2 Motor Starters
Optional Accessories	03 Add Pressure Switch 04 Add Pressure Transducer 05 Add Electronic Meter

Ordering Information

MX410.YYY.XXX Single Pump

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

XXX=436 480 VAC – 3 PH – 60 Hz

XXX=435 460 VAC – 3 PH – 50 Hz