

earth safe

Fuel Systems for Critical Power

MM900

MicroFlow Integrated Solution



MM900 Integrated Solution is designed to provide a single module for all fuel management functions of generator day tanks, sub-base tanks, belly tanks, and limited volume bulk storage tanks. The system performs the following functions, or only a subset of them to suit the application.

1. Receipt of fuel to generator tanks.
2. Recirculation and filtration / polishing of stored fuel.
3. Refill of generator tanks from remote fuel tanks.
4. Return flow of fuel to bulk storage tanks for overfill protection and or testing.

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

Modules are designed and tested as complete integrated solutions:

- Rated 3-10 GPM
- 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	30"Wx18"Dx60"H (760x460x1524)
Flow Capacity	5-10 GPM (20-40 LPM)
Pressure Capacity	100 PSI (690 kPa)
Pump Type	Viking Positive Displacement
Motor	TEFC
Horsepower	1.0 HP (0.75 KW)
Filter	Racor FBO-10
Auto Valves	½" Solenoid Valves for Function Selection
Standard Accessories	Inlet Strainers Outlet Check Valve Leak Sensor Inlet Suction Gauges Outlet Pressure Gauges Motor Disconnect Switch Water Sight Glass Differential Pressure Indicator
Construction	Welded Steel Construction Containment Basin (7 GAL) Industrial Enamel Finish Color RAL 7035 (Light Gray) Option: Weatherproof Enclosure
Controls	C81 MicroPlex – Single Pump (UL)
Optional Accessories	01 Weatherproof Enclosure 02 Add Flow Switch 03 Add Differential Pressure Switch 04 Add High water Switch 05 Add Electronic Meter

Ordering Information

MM300.05.XXX.MM 05 GPM (20 LPM)
MM300.10.XXX,MM 10 GPM (40 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