

PMF-201C

Fountain Solution System



Features:

- Two mixing systems – Can be used as a single reagent system with automatic drum switching or as a two-part system.
- Non-contacting level control sensors inside the circulator tank.
- Duplexed stainless steel pumps supply dampening solution to the press with a fail-safe back-up.
- A precision mixing unit that meters precise amounts of fountain solution concentrate.
- Diaphragm pump returns solution to the filter unit from the press.
- Duplex stainless steel filter canisters with disposable bag filters.
- Conductivity monitoring with high and low alarms.
- Corrosion-resistant duplexed fail-safe water valve designed to work with RO or deionized water.
- PLC controlled alarm system monitors all functions.
- Pre-wired for remote meters.
- Pre-piped for chilling unit connection.
- Single point service connections for easy installation - interconnection fittings & hose included.

2-Year Warranty on Materials & Workmanship



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PMF-201C Options

- **1/2" to 1" Power Return Pump**
Including Filter/Regulator, Quick Disconnect Fittings and Hoses
- **Press Side Accumulation Tank**
Including Pre-Filters, Level Sensors Interfaced to the Main Unit for Automatic Operation
- **Stainless Steel Heat Exchanger**
With Automatic or Manual Control Valve and Stainless Steel Thermometer Mounted on the Back Side of the Unit
- **Remote Digital L.E.D. Meter**
For Monitoring Conductivity or pH up to 2,000' from the Main Unit
- **Solution Saver**
To reuse Fountain solution after Dampening System Maintenance. Available in 55 and 75 Gallon Capacities
- **Digital pH Meter**
With High and Low Alarm Set Points including Terminals for Remote Meter Connection
- **UV Sterilizer for Bacteria Control**
Pre-Wired and Piped into the By-Pass Loop Interlocked with the Supply Pumps
- **Chilling System**
1 1/2 to 7 1/2 Ton – Air or Water Cooled
- **Spare Parts Package**

Specifications & Dimensions

General

Model:	PMF-201C
Cabinet Size:	41" H x 40" L x 26" D
Paint:	Safety Blue (or other colors)
Weight:	Shipping: 600 lbs. Operating: 500 lbs. (estimated)

Service Requirements & Connections

Electrical:	208-230V/1Ø/10 FLA Standard Locked tagout switch is provided for power disconnect.
Air:	3 cfm max. @ 100 psi maximum Dry and non-lubricated air. Filter/regulator unit supplied with 10' of 3/8" OD tubing.
Water input:	3/4" hose x 5' - 35 psi minimum @ 4 GPM
Drain:	3/4" fpt
Supply:	1" hose x 5'
Return:	1" hose x 10'
Chilled Water:	3/4" hose x 10'

Operational

Supply Pump:	Two stainless steel close-coupled centrifugal pumps. (One pump serves as a backup)
Filtration:	Duplexed stainless steel filters with disposable 10 micron bags (4" dia. x 23" long) . The unit is equipped with an alarm signal that indicates when a filter needs to be changed. The filter housings are located on the side of the unit and have a v-band quick-release handle for easy filter changes. A 3-way by-pass valve is furnished so the filters can be changed during operation.
Mixing Unit:	Electronic metering pump rated at 240 GPH @ 7 1/2 oz/gal maximum concentrate.
Internal Piping Network:	Polypropylene and stainless steel.
Alarm System:	2-line Annunciator panel with 8 function keys for controls and alarm messages.
Controls:	Mitsubishi FX1N PLC