PULSAFEEDER®

All MC9000 Systems come standard with a flow assembly and sensor tee mounted to a sturdy polypropylene panel. Optional configurations of the panel can be selected to create a complete chemical injection system. These systems are designed to simplify installation and reduce problems caused by a poor installation.
Each panel includes 3/4" plumbing with the following features:

- Quick disconnect sensor mounting tees
- Chemical injection points
- Ball valves on the inlet and outlet
- Back flow check valve
- Flow strainer
- Mounting brackets for chemical metering pumps

Select from one of the following configurations and insert the option code into digit #12 when configuring your controller.

Conductivity, pH, ORP Panel - Prewire*
Enter Option "**B**" in position 12 of the PULSAtrol 9000 Model String.

Optional panel selections feature 'quick-disconnect' sensor tees for all parameters; three injectors for inhibitor, biocides, acids or caustic chemicals and mounting hardware for three pumps. Standard features include ball valves on the inlet and outlet, a back flow check valve before the injection point and a strainer before the sensors to prevent large particles from fouling the sensors.
Pump and bleed relays are pre-wired into outlet receptacles (pigtails).
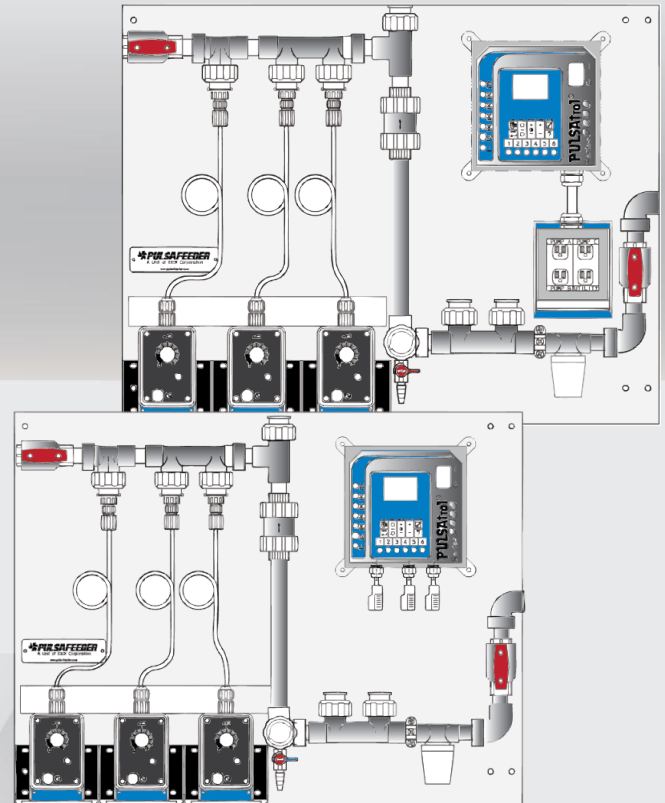
Conductivity, pH, ORP Panel - Conduit*
Enter Option "**D**" in position 12 of the PULSAtrol 9000 Model String. This option also requires option 'A' in position 7 for conduit.

Panel features 'quick-disconnect' sensor tees for all parameters; three injectors for inhibitor and biocides; and mounting hardware for three pumps. Pump and bleed relays are wired into a watertight outlet box with a splash guard cover.

*NOTE: The sensor tee is capped on systems that do not require it.

Operating Benefits

- Simplify installation.
- Complete chemical injection system.

Aftermarket

- Solenoids
- Motorized Ball Valves
- Water Meters
- Corrosion Coupon Racks
- Metering Pumps (PULSAtron, XP Series)
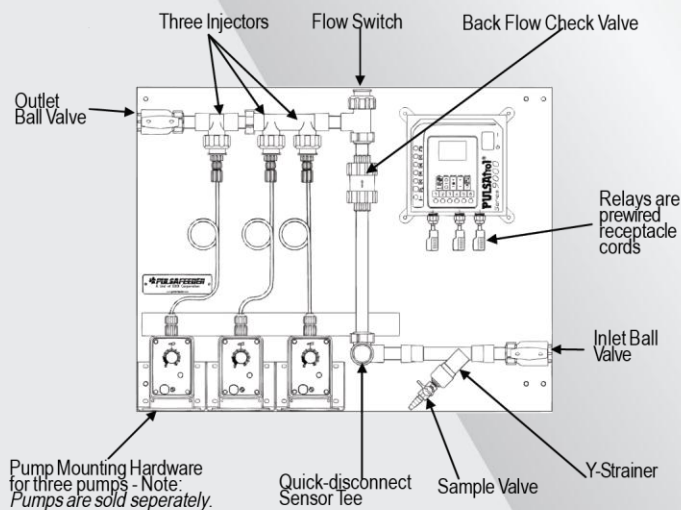

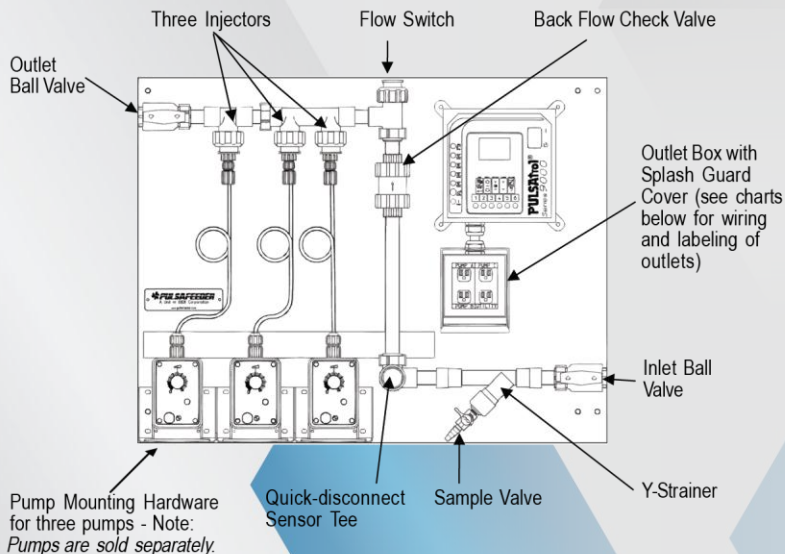# PULSAtrol®
Prefabricated Systems
pH, ORP & Conductivity

Option "A" - Conductivity (Prewire)

Three Injectors
Flow Switch
Back Flow Check Valve
Outlet Ball Valve
Relays are prewired receptacle cords
Inlet Ball Valve
Pump Mounting Hardware for three pumps - Note: *Pumps are sold seperately.*
Quick-disconnect Sensor Tee
Sample Valve
Y-Strainer

Option "C" - Conductivity (Conduit)

Three Injectors
Flow Switch
Back Flow Check Valve
Outlet Ball Valve
Outlet Box with Splash Guard Cover (see charts below for wiring and labeling of outlets)
Inlet Ball Valve
Pump Mounting Hardware for three pumps - Note: *Pumps are sold separately.*
Quick-disconnect Sensor Tee
Sample Valve
Y-Strainer

The charts below show standard receptacle wiring and labeling for conduit units based on model type:

Standard 9200 Panel System Wiring (Conduit)

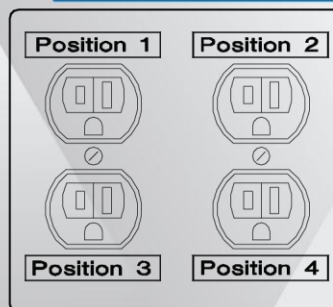| Model #	Position #1	Position #2	Position #3	Position #4
MC9210_ _	Timer #1	Alarm Relay	Utility	Utility
MC9210_A	Timer #1	Bio "A"	Alarm Relay	Utility
MC9210_B	Timer #1	Bio "A"	Bio "B"	Utility
MC9220_ _	pH Control	Timer #1	Alarm Relay	Utility
MC9220_A	Bio "A"	Bio "A"	Alarm Relay	Utility
MC9220_B	Timer #1	Bio "A"	Bio "B"	Utility
MC9230_ _	pH Control	Timer #1	Alarm Relay	Utility
MC9230_A	pH Control	Timer #1	Bio "A"	Utility

The Bleed Relay (on applicable models) and Input Power to the Controller is wired through the outlet box for customer hook up.

Standard 9500 Panel System Wiring (Conduit)

Model #	Position #1	Position #2	Position #3	Position #4
MC9510_ _	Timer #1	Timer #2	Timer #3	Alarm Relay
MC9520_ _	ORP Feed	Timer #1	Timer #2	Timer #3
MC9530_B	pH Control	Timer #1	Timer #2	Timer #3
MC9530_A	Acid	Caustic	Timer #1	Timer #2
MC9540_A	pH Control	Timer #1	Timer #2	Timer #3
MC9540_B	Acid	Caustic	Timer #1	Timer #2
MC9550_B	pH Control	ORP	Timer #1	Timer #2
MC9550_A	Acid	Caustic	ORP	Timer #1

The Bleed Relay and Input Power to the Controller is wired through the outlet box for customer hook up.

Standard 9300 Panel System Wiring (Conduit)

Model #	Position #1	Position #2	Position #3	Position #4
MC9310_ _	Timer #1	Timer #2	Timer #3	Alarm Relay
MC9320_ _	ORP Feed	Timer #1	Timer #2	Timer #3
MC9330_A	pH Control	Timer #1	Timer #2	Timer #3
MC9330_B	Acid	Caustic	Timer #1	Timer #2

The Bleed Relay and Input Power to the Controller is wired through the outlet box for customer hook up.

Position 1
Position 2
Position 3
Position 4

Dimensions

Panel Dimensions = 36" x 28" (w/h) (91.4cm x 71.1cm)