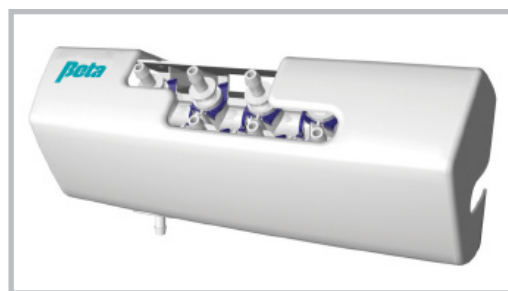


MANIFOLD QF

Flush Manifold

A versatile system designed for you!

The Manifold QF is a versatile system designed to interface directly with the L5000 range of dispensers so that a single delivery line can be used to deliver product to the washer. The system uses water pressure to supply chemical product to the washer reducing the load required on the peristaltic pumps and improving tube life.



All units have an integral flow switch to detect a failure of the water supply with the XL version having an additional pressure switch fitted to provide a safety cut-out in the event of a delivery blockage.

DESIGNED FOR EASE OF INSTALLATION AND MAINTENANCE

Mounting template provided for ease of Manifold QF installation. Common backplate simplifies future unit expansion. Non Return Valves (NRV's) are color coded for easy identification.

Tool free quick-connections for:

- Water inlet
- Delivery outlet
- Chemical NRV
- Blanking plug

A single cable connects directly to the L5000 PCB. The Manifold QF includes an easy-service water filter, and accurate calibration with the NRV installed. Product feed tubes route neatly behind the Manifold QF. Wipe-clean plastic cover for improved appearance.

SUPERIOR PERFORMANCE

Materials selected to minimize the possibility of chemical degradation. It also contains a new flow switch to reduce the possibility of "No Flow" alarms due to minor variations in the water supply. The air inlet valve prevents siphoning and reduces residual chemical in the Manifold QF after use.

Pays for Itself

- Modular construction
- Ease of assembly & installation
- Simple to maintain, tool-free calibration
- 3, 6 & 8 Port versions

SPECIFICATIONS

SIZE

3-8 Port

Height: 6.5 in / 16.51 cm
Width: 15.75 in / 40 cm
Depth: 5.9 in / 14.99 cm
Weight: 3.5 lbs / 1.59 kg (8 Port)

PRODUCT INLETS

3, 6 and 8

ID INLET AND OUTLET HOSE

12 mm (1/2")

ID CHEMICAL INLET HOSE

10 mm (3/8")

MAXIMUM DISTANCE TO WASHER

30 M (100 ft)

MINIMUM WATER FLOW

2 L/min (0.5 US gal/min)

MINIMUM WATER PRESSURE (DYNAMIC)

1 - 4 bar (15-60 psi)

MAXIMUM INTERNAL OPERATING PRESSURE

1.66 bar (25 psi)

MAXIMUM WATER TEMP

30° C (86° F)

SOLENOID VALVE

24 VDC

FLOW SWITCH

N/O

MATERIALS

Cover

Acrylic coated ABS

Backplate

Polypropylene

Tee Pieces

Polypropylene

"O" Rings

EPDM, Viton

NRV's

Polypropylene, Perfluoroelastomer

HOW TO ORDER

| Code # | Description |
|---------|--|
| 1210912 | OPL flush manifold, 3 port with strainer, with 3 clog-resistant check valves, 60 psi flow washer and plug |
| 5370431 | Pressure Switch, 25 psi for 1204845 |
| 1210911 | OPL flush manifold, 6 port with strainer, with 6 check valves, 60 psi flow washer and plug |
| 1210910 | OPL flush manifold, 8 port with strainer, with 8 clog-resistant check valves, 60 psi flow washer and 2 plugs |
| 1210909 | XL flush manifold, 8 port with 4 hole plugs, with 6 clog-resistant check valves, flow switch, pressure switch, 60 psi flow washer, water strainer and brass solenoid |

SPARE PARTS

| Code # | Description |
|---------|---|
| 5370369 | Manifold Tee Piece QF |
| 1207495 | NRV Manifold Water, Blue, Barbed, QF |
| 5370377 | NRV Manifold Air Inlet, Yellow, QF |
| 5370385 | NRV Manifold Chemical, Grey, Barbed QF |
| 1207496 | Manifold Male Hosetail, Barbed QF |
| 1209016 | Female Hosetail and Retaining Clip |
| 5370393 | Blanking Plug, PP QF |
| 1200766 | Strainer mesh sock, BetaJet |
| 5370326 | Solenoid Valve Kit 24 VDC Manifold QF |
| 5370431 | Pressure Switch, 25 ps,i for 1204845 |
| 5370351 | Retaining clip, blue |
| 5370422 | Flow Switch and Valve Body Assembly |
| 5370406 | Hose Tail Adapter 1/2M, with O-rings |
| 1205462 | Pressure gauge 0-100 psi (for use with 1205461 regulator) |