



Manifold QF

Features:

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



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 colour coded for easy identification.

Tool free Quick-Connections for:

- Water Inlet
- Delivery Outlet
- Chemical NRV
- Blanking Plug

Single cable connects directly to the L5000 PCB.

Easy-service water filter.

Easier, accurate calibration with NRV installed.

Product feed tubes route neatly behind Manifold QF.

Wipe-clean plastic cover for improved appearance.

Superior Performance

Materials selected to minimise the possibility of chemical degradation.

New flow switch to reduce possibility of "No Flow" alarms due to minor variations in water supply.

Air Inlet valve to prevent siphoning and reduce residual chemical in Manifold QF after use.

Manifold QF Specification

Dimensions 3-8 Port (Width, Height, Depth)	400 x 165 x 150 mm 15.75 x 6.5 x 5.9 inches
Weight (8 Port)	1600 grams 3.5 lbs
Product Inlets	3, 6 & 8
ID Inlet and Outlet Hose	12 mm (1/2")
ID Chemical Inlet Hose	10 mm (3/8")
Max Distance to Washer	30M (100 ft)
Minimum Water Flow	2 L/m (0.5 US gal/min)
Minimum Water Pressure (Dynamic)	1 - 4 bar (15-60 psi)
Max Internal Operating Pressure	1.66 bar (25 psi)
Max Water Temp	30 Deg C (86 Deg 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



Ordering Information

Manifolds	Order No
Flush Manifold 3 Port OPL-QF	1210912
Flush Manifold 6 Port OPL-QF	1210911
Flush Manifold 8 Port OPL-QF	1210910
Flush Manifold 8 Port XL-QF	1210909

Spare Parts

Spare Parts	Order No
1. Manifold Tee Piece QF	1207493
2. NRV Manifold Water, Blue, Barbed, QF	1207495
3. NRV Manifold Air Inlet, Yellow, QF	1207497
4. NRV Manifold Chemical, Grey, Barbed QF	1207494
5. Manifold Male Hosetail, Barbed QF	1207496
6. Female Hosetail & Retaining clip	1209016
7. Blanking Plug, PP QF	1207480
8. Strainer Mesh Sock	1200766
9. Solenoid Valve Kit 24 VDC Manifold QF	1207498
10. Pressure Switch 25 psi	1207674
11. Retaining Clip, Blue	1204056
12. Flow Switch and Valve Body Assembly	1207499



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