



Pressure Regulator

The MAXIFLO Pressure Regulator has been designed for one step reduction of water pressure.

Designed for:

Poultry Watering Systems
Animal Watering Systems
Irrigation Systems

It effectively reduces water wastage and assists suppression of water hammer.

The MAXIFLO Pressure Regulator is flexible in coping with a wide range of inlet pressure fluctuations and incorporates a check valve to prevent back flow.

The large diaphragm area gives the MAXIFLO a particularly sensitive characteristic, essential in many installations where fine control of outlet pressure is required.

Multiple installations of the MAXIFLO pressure regulator in parallel gives increased secondary flow.



THE MAXIFLO IS OFFERED IN THE MODELS LISTED TO SUIT SPECIFIC REQUIREMENTS

Model No.	Main Seat	Factory Setting	Outlet Pressure Range		Effective Ratio
6001	5/32"	1 ft hd	4 in to 7 ft hd	¼ psi to 3 psi	900 : 1
6002	1/4"	7 ft hd	18 in to 20 ft hd	¾ psi to 8 psi	400 : 1
6003	3/8"	12 ft hd	4 ft to 30 ft hd	1½ psi to 13 psi	100 : 1
6012	3/8"	40 ft hd	17 ft to 40 ft hd	7½ psi to 17 psi	100 : 1



FREE FLOW RATES Valve not connected to pipework

Model No.	6001	6002	6003	6012
Setting	4 ft hd	7 ft hd	12 ft hd	40 ft hd

Maintained Inlet Pressure psi	U.S. Gallons per Minute			
20	2.1	6.8	9.8	9.8
30	2.3	7.4	10.2	10.2
40	2.5	9.0	10.8	10.8
50	2.7	9.1	10.8	10.8
60	3.0	9.5	10.9	10.9

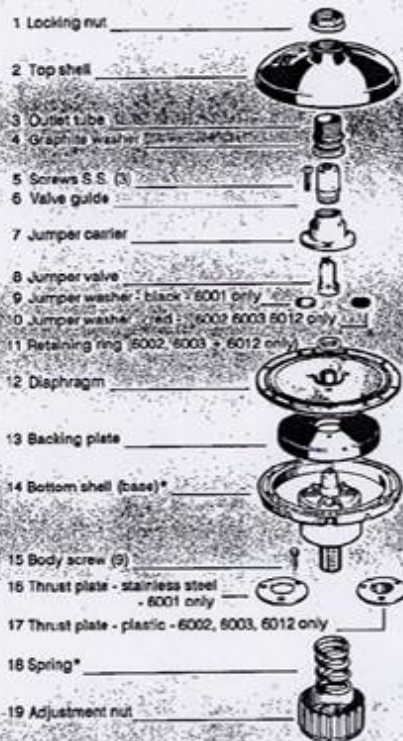
Maintained Inlet Pressure psi	Imperial Gallons per Minute			
20	1.8	5.7	8.2	8.2
30	1.9	6.2	8.5	8.5
40	2.1	7.5	9.0	9.0
50	2.3	7.6	9.0	9.0
60	2.5	7.9	9.1	9.1

SERVICING

Jumper washer replacement — unscrew the jumper valve assembly via the outlet. Check main seating nozzle before re-assembling.

SHIPPING INFORMATION

The MAXIFLO is packed in cartons of 12.
Average carton weight 22lb (10 kg)
Carton Measurement 15 3/4" x 10 1/2" x 10 1/2"
(395 mm x 260 mm) x 260 mm)
Cubic Capacity: 1.03 cu. ft. (0.028 m³)



*N.B. Diaphragm bottom shell (base) and spring differ from model to model

REGULATOR SPECIFICATIONS

Height	6 in (150 mm)
Diameter	6 in (150 mm)
Weight	27 ounces (770 g)
Material	Acetal Copolymer
Temperature Range	33°-100°F (1°-40°C)
Inlet	1/2" BSP (15mm)
Outlet	3/4" BSP (20mm)
Maximum Inlet Pressure	300 psi