MAXIFLO PRESSURE REGULATOR

9 METHVEN

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.

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.



REGULATOR SPECIFICATIONS

Height	6 in (150mm)		
Diameter	6 in (150mm)		
Weight	27 ounces (770g)		
Material	Acetyl Copolymer		
Temperature Range 3°-100°F (1°-40°C)			
Inlet	½" BSP (15mm)		
Outlet	¾'' BSP (20mm)		
Maximum Inlet Pressure 300 psi			

Model No.	Main Seat	Effective Ratio	Outlet Pressure Range		
6001	5/32"	900:1	4 in to 7 ft hd	1⁄4 psi to 3 psi	
6002	1/4"	300:1	18 in to 20 ft hd	¾ psi to 8 psi	
6003	3/8''	100:1	4 ft to 30 ft hd	1 ½ psi to 13 psi	
6012	3/8"	100:1	17 ft to 40ft hd	7 ½ psi to 17 psi	

FREE FLOW RATES								
Valve not connected to pipework								
Model No.		6001	6002	6003	6012			
U.S. gallons per minute								
sure	20	2.1	6.8	9.8	9.8			
pressure	30	2.3	7.4	10.2	10.2			
inlet	40	2.5	9.0	10.8	10.8			
Maintained inlet psi	50	2.7	9.1	10.8	10.8			
Maint psi	60	3.0	9.5	10.9	10.9			
Imperial gallons per minute								
sure	20	1.8	5.7	8.2	8.2			
pres	30	1.9	6.2	8.5	8.5			
inlet	40	2.1	7.5	9.0	9.0			
Maintained inlet pressure osi	50	2.3	7.6	9.0	9.0			
Maint psi	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- assembly.

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"

(395mm x260mm) x 260mm)

Cubic capacity: 1.03 cu.ft. (0.028m³)

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Locking nut	#990248			
5				
Top shell	#911704		-	
	#911763		\bigcirc	
Graphite washer	#011100			
Outlet tube	#911879			
or				
Shell Outlet BK	#911757			
			et	
Jumper Valve Guide	#912263		Ť	
	11010000			
Jumper valve	#912280		- 1	
Jumper washer Green-6001,6002.	#MFW	ASHG		
White-6003,6012 -	#MFW/		_	_
Screws SS (3)	#911808		ΪĨ	
	#912301			
Jumper carrier	<u>#912001</u> #911771			
Retaining ring			0	
Diaphragm 6001	#911700	C	-	The second second
600/3/12	#911701			
Backing plate	#911829			
		1		
Bottom shell (base	.* #011801	Ĩ.	J.L.	
Bottom shell (base	.) <u>#311001</u>			
Body screw (9)	#911808	1		1
2003 00:011 (0)		- J		ູ້
Thrust plate-SS- 6001 only	#911747			
Thrust plate-plastic			-9-6-	
-6002,6003,	; #311730		-	
6012 only			R	
Spring 6001	#911607		_3	
6002 6003/07	#911623 #911958		0	
6012	#911666 —			
Adjustment nut	#911836			

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

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