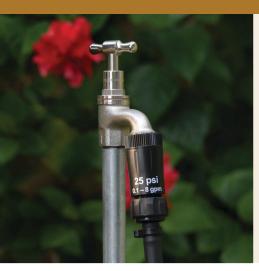
Pressure Regulating Devices





The Pressure Regulating micro manifold converts 1/2" irrigation risers to a multiple outlet micro irrigation system. Pressure Regulators are ideal for pressure regulation of drip or other low-volume irrigation systems.

Features

Pressure Regulating Micro Manifold:

- Nine outlets pressure regulated to 25 psi.
- Outlets can support drip, micro sprays and/or micro stream bubblers.
- Inlet screen can be removed and cleaned.

Pressure Regulators:

- Available in 3/4" NPT or 3/4" NH threads.
- · Maintains preset outlet pressure with varying inlet pressures.
- 15 psi, 25 psi & 30 psi regulators; flows from 6 to 480 gph.

Applications

Reducing mains pressure to optimum micro irrigation operating pressure.



Pressure Regulating Micro Manifold

25 psi 01 - 8 gpm

Pressure Regulator 3/4" FNH x 3/4" MNH

Pressure Regulator 3/4" FNPT x 3/4" MNPT

Performance Chart

Pressure Regulating Micro Manifold					
Inlet					
Pressure (psi)					
30	21.6	21.0	20.8	20.2	
40	22.5	22.5	22.1	21.7	
60	24.8	24.5	24.1	23.5	
80	26.9	26.3	25.9	25.5	
100	29.1	28.3	27.8	27.3	

Ordering Information - Pressure Regulating Micro Manifold

Туре	Part Number	Pack Quantity	Packs Per Carton	Carton (lbs)
9 Outlet Micro Manifold	51305	10	20	23.6

Ordering Information - Lawn & Garden Pressure Regulators

Туре	Part Number	Pack Quantity	Packs Per Carton	Carton (lbs)
Pressure Regulator 3/4" FNH x 3/4" MNH 15 psi	51375	25	15	24.8
Pressure Regulator 3/4" FNH x 3/4" MNH 25 psi	51385	25	15	27.6
Pressure Regulator 3/4" FNPT x 3/4" MNPT 30 psi	51365	25	8	30.5

Specifications - Pressure Regulating Micro Manifold

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DIMENSIONS		OPERATION		CONNECTION	
HEIGHT	2.88"	Inlet Pressure	20 - 100 psi		
WIDTH	2.13"	Outlets Pressure	21 - 28 psi	INLET BASE	1/2" FNPT
WEIGHT (approx.)	1.25 oz	Flow Range Total	0.2 - 3.5 gpm	OUTLET	barbs suit 1/4" tubing
			(12 - 210 gph)		
		(Flow per outlet max 210 gph / 9 = 23.3 gph)			

Specifications - Pressure Regulators 3/4" FNH x 3/4" MNH

DIMENSIONS		OPERATION		CONNECTION	
HEIGHT	2.7"				
WIDTH	1.4"	Outlet Pressure	15 psi & 25 psi	INLET BASE	3/4" FNH
WEIGHT (approx.)	1.1 oz	Flow Range Total	0.1 - 8.0 gpm	OUTLET	3/4" MNH

The Pressure Regulators must always be installed downstream from all shut-off valves, regardless of the application. Regulators should be installed with vent hole unobstructed.

Do no use sealing compound (pipe dope). If needed, teflon tape may be used to seal for leaks.

Specifications - Pressure Regulators 3/4" FNPT x 3/4" MNPT

DIMENSIONS		OPERATION		CONNECTION	
HEIGHT	3.2"				
WIDTH	2.5"	Outlets Pressure	30 psi	INLET BASE	3/4" FNPT
WEIGHT (approx.)	2.5 oz	Flow Range Total	0.1 - 7.0 gpm	OUTLET	3/4" MNPT
The Pressure Regulators must always be installed downstream from all shut-off valves, regardless of the application.					