

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.

Performance Chart

Pressure Regulating Micro Manifold				
Inlet Pressure (psi)	Outlet Pressure (psi)			
	0.5 gpm	1.0 gpm	2.0 gpm	3.0 gpm
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



Pressure Regulating Micro Manifold

Ordering Information - Pressure Regulating Micro Manifold

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

Ordering Information - Lawn & Garden Pressure Regulators

Type	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



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

Specifications - Pressure Regulating Micro Manifold

DIMENSIONS		OPERATION		CONNECTION	
HEIGHT	2.88"	Inlet Pressure	20 - 100 psi	INLET BASE	1/2" FNPT
WIDTH	2.13"	Outlets Pressure	21 - 28 psi		
WEIGHT (approx.)	1.25 oz	Flow Range Total	0.2 - 3.5 gpm (12 - 210 gph)	OUTLET	barbs suit 1/4" tubing
			(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"	Outlet Pressure	15 psi & 25 psi	INLET BASE	3/4" FNH
WIDTH	1.4"				
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 not 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"	Outlets Pressure	30 psi	INLET BASE	3/4" FNPT
WIDTH	2.5"				
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.



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

ACCESSORIES