

Why use a Pressure Regulator?

- Reduces pressure to desired range for uniformity and safety.
- Assures desired pressure if the source fluctuates.
- Assures desired pressure in hilly terrain.
- Pressure must be greater than desired operating pressure.
- Flow rates must be within the limits of the regulator.



Senninger Pressure Regulators

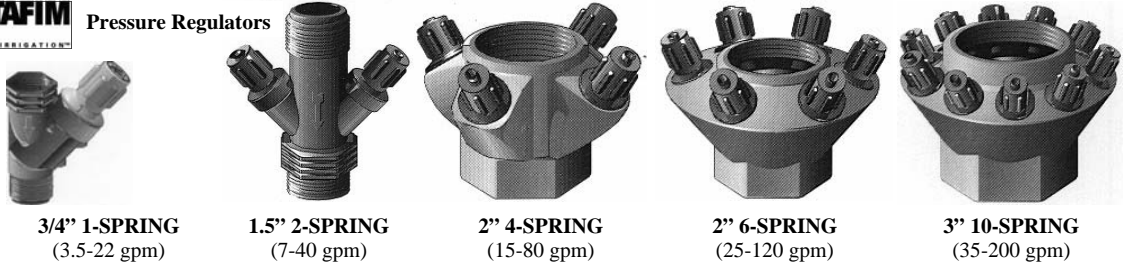
- **PMR Low Flow** 0.5-5gpm (6,10psi) 0.1-8gpm (12,15,20,25,30psi)
- **PMR Medium Flow** 4-16gpm (6,10psi) 2-20gpm (15,20,25,30,35,40,50psi)



Spring Color	Outlet PSI
Black	9
Purple	12
Blue	15
Stainless	20
Yellow	25
Red	35
White	43
Orange	50
Brown	57



Pressure Regulators



3/4" 1-SPRING
(3.5-22 gpm)

1.5" 2-SPRING
(7-40 gpm)

2" 4-SPRING
(15-80 gpm)

2" 6-SPRING
(25-120 gpm)

3" 10-SPRING
(35-200 gpm)

HENDRICKSON BROS.

DG41 Atmospheric Vacuum Breaker



Used to prevent back-flow contamination from outdoor hose bibb connected devices. Constructed of high-strength ABS plastic the DG41 resists corrosion for increased



Flow control devices give uniform flow even when pressure varies. Available in 1/4" barb or in-line (hose washer style)

Silver	6 GPH	Violet	14 GPH
Orange	8 GPH	Green	17 GPH
Blue	10 GPH	Yellow	20 GPH
Grey	12 GPH	Red	25 GPH

DG50

PR55

DG60



Hendrickson offers pre set pressure regulators in a wide range of pressures (10, 15, 20, 25, 30, & 35psi) and flows: 50series (1/10-8gpm), 55 series (1/3-12gpm), or 60 series (0.5-15gpm). These are offered in hose thread and pipe thread options. These are great for use in garden and flower beds.

Pressure Gauges



Schrader valves are an inexpensive and fail safe way to check system pressure. These require a pocket pressure gauge to check (above).



Pressure Gauges or Schrader Valves should be installed in a system after pumps, before and after filters, injector loops, pressure regulators, and other restrictive devices. These items should also be installed on mainlines, sub-mains, and at the end of lateral lines. The more pressure check points installed in a system, the better for trouble shooting and maintenance of the system. These should be used in conjunction with flow meters. Pressure check devices allow us to tell when to backwash filters, if plugging is occurring, changes in pump performance, that regulators are working properly, and to determine the systems efficiency.

Flow Meters

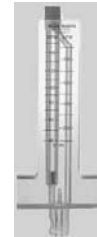
Flow meters should be used in irrigation systems to monitor water use, plugging, broken lines, and overall system performance. We offer many options and styles to choose from. Contact us for more information or to help with selection of the correct meter for your needs.



Size	Flow GPM
3"MF	40-250
4"MF	50-600
6"ML	90-1200
8"ML	100-1500
10"ML	125-1800



Size	Flow GPM
1"	0.3-15
1.5"	0.9-45
2"	2-80
3"	20-400
4"	30-550
6"	45-1100



Size	Flow GPM
1"	2-10
1.5"	8-30
2"	15-70
3"	40-140
4"	125-500
6"	250-1050

McCrometer Flow Meters

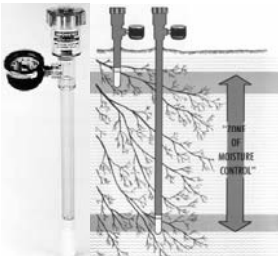
McCrometer offers a full line of Tube style and Saddle meters. Options include #1 stainless bearing assembly, #2 over-run and reverse flow bearing assembly, #3 food grade grease, #4 high temperature impeller, #5 register extensions, #6 straightening vanes, #7 certified test record, #8 index wheel test hand, #9 7-digit totalizer, #10 forward/reverse and anti reverse-flow register. Available in different register units.

- Magnetic drive
- Easy field replacement
- Output fitting for electronic sensor
- 6 digit totalizer

Blue-White Flow Meter

- Quick installation into PVC, etc.
- Economical way to check flow rates
- +/- 10% accuracy
- Horizontal or Vertical Installation

Tensiometers



The Irrrometer

- Furnishes continuous soil-moisture information.
- Help prevents over-irrigation and waste of water and soil nutrients.
- Accurately evaluates the effects of rainfall.
- Tells when and how much supplemental irrigation is needed.
- Can be used with all methods of irrigation.
- Permits planning and scheduling irrigations in advance.
- Can increase yield and quality of crops.
- Makes more efficient use of fertilizer



Watermark

The Watermark meter is a solid state alternating current resistance bridge meter. Adjustable for soil temperature variations. LCD display, touch pad operation, durable case, and field changeable cable assembly. One meter required to read all sensors. Sensors available with 5', 10', or custom lead wire lengths.