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## Pressure Regulating Devices

# Pressure Regulating Devices

A range of low, medium, and high flow pressure regulators designed to stabilize outlet pressure and optimize emitter performance.

## Features

### Pressure Regulators:

- Available in 3 flow options: Low Flow, Low to Medium & High Flow
- High-strength, chemical-resistant ABS construction for durability.
- Stainless steel spring for long wear.
- Low to Medium Flow regulators have minimal moving parts and a pressure protection mechanism to respond to system back pressure.
- High Flow regulators withstand higher flows with sturdy EPDM diaphragm construction.

## Applications

Reducing mains pressure to optimum micro irrigation operating pressure.

### Hose Bibb Vacuum Breaker:

- Corrosion-resistant vacuum breaker prevents back siphonage through the exterior hose bibb connection.
- High-strength, glass reinforced Zytel®.
- Operating pressure up to 125 psi.



NEW

Hose Bibb Vacuum Breaker



## Specifications - Pressure Regulators

|                 | Pressure Regulator Low Flow       | Pressure Regulator Low to Med Flow  | Pressure Regulator High Flow        |
|-----------------|-----------------------------------|-------------------------------------|-------------------------------------|
| OUTLET PRESSURE | 10, 15 & 25 psi                   | 10, 20, 25, 30, 40 & 50 psi         | 30, 40 & 50 psi                     |
| FLOW RANGE      | 0.1 - 8 gpm                       | 0 - 12 gpm                          | 1 - 35 gpm                          |
| CONNECTION TYPE | INLET 3/4" FHT<br>OUTLET 3/4" MHT | INLET 3/4" FNPT<br>OUTLET 3/4" FNPT | INLET 3/4" FNPT<br>OUTLET 3/4" FNPT |
| CONNECTION TYPE |                                   | INLET 3/4" FNPT<br>OUTLET 3/4" MNPT | INLET 1" FNPT<br>OUTLET 1" FNPT     |
| CONNECTION TYPE |                                   | INLET 3/4" FHT<br>OUTLET 3/4" FHT   |                                     |

### Installation

- The Pressure Regulators must always be installed downstream from all shut-off valves, regardless of the application.
- Regulators should be installed with the vent hole unobstructed.
- Do not use sealing compound (solvent cement). If needed, teflon tape may be used to seal for leaks.

## Specifications - Hose Bibb Vacuum Breaker

| Operation                 | Connection                             |
|---------------------------|----------------------------------------|
| Operating Pressure Range: | 0-125 psi                              |
|                           | INLET BASE 3/4" FHT<br>OUTLET 3/4" MHT |



Pressure Regulator Low Flow



Pressure Regulator Low to Med Flow (3/4" FNPT x 3/4" FNPT)



Pressure Regulator High Flow (3/4" FNPT x 3/4" FNPT)

## Ordering Information - Pressure Regulators Low Flow

| Type                                          | Part Number | Pack Quantity | Packs Per Carton | Carton (lbs) |
|-----------------------------------------------|-------------|---------------|------------------|--------------|
| NEW 3/4" FHT Inlet x 3/4" MHT Outlet - 10 psi | 73005       | 25            | 15               | 27.6         |
| 3/4" FHT Inlet x 3/4" MHT Outlet - 15 psi     | 73015       | 25            | 15               | 27.6         |
| 3/4" FHT Inlet x 3/4" MHT Outlet - 25 psi     | 73025       | 25            | 15               | 27.6         |

- \* Operating Pressure 0 - 100 psi
- \* Flow Range 0.1 - 8 gpm

## NEW Ordering Information - Pressure Regulators Low to Med Flow

| Type                                        | Part Number | Pack Quantity | Packs Per Carton | Carton (lbs) |
|---------------------------------------------|-------------|---------------|------------------|--------------|
| 3/4" FNPT Inlet x 3/4" FNPT Outlet - 10 psi | 73105       | 25            | 8                | 33.5         |
| 3/4" FNPT Inlet x 3/4" FNPT Outlet - 15 psi | 73115       | 25            | 8                | 33.5         |
| 3/4" FNPT Inlet x 3/4" FNPT Outlet - 20 psi | 73125       | 25            | 8                | 33.5         |
| 3/4" FNPT Inlet x 3/4" FNPT Outlet - 25 psi | 73135       | 25            | 8                | 33.5         |
| 3/4" FNPT Inlet x 3/4" FNPT Outlet - 30 psi | 73145       | 25            | 8                | 33.5         |
| 3/4" FNPT Inlet x 3/4" FNPT Outlet - 40 psi | 73155       | 25            | 8                | 33.5         |
| 3/4" FNPT Inlet x 3/4" FNPT Outlet - 50 psi | 73165       | 25            | 8                | 33.5         |
| 3/4" FNPT Inlet x 3/4" MNPT Outlet - 10 psi | 73205       | 25            | 8                | 33.5         |
| 3/4" FNPT Inlet x 3/4" MNPT Outlet - 15 psi | 73215       | 25            | 8                | 33.5         |
| 3/4" FNPT Inlet x 3/4" MNPT Outlet - 20 psi | 73225       | 25            | 8                | 33.5         |
| 3/4" FNPT Inlet x 3/4" MNPT Outlet - 25 psi | 73235       | 25            | 8                | 33.5         |
| 3/4" FNPT Inlet x 3/4" MNPT Outlet - 30 psi | 73245       | 25            | 8                | 33.5         |
| 3/4" FNPT Inlet x 3/4" MNPT Outlet - 40 psi | 73255       | 25            | 8                | 33.5         |
| 3/4" FNPT Inlet x 3/4" MNPT Outlet - 50 psi | 73265       | 25            | 8                | 33.5         |
| 3/4" FHT Inlet x 3/4" MHT Outlet - 10 psi   | 73705       | 25            | 8                | 33.5         |
| 3/4" FHT Inlet x 3/4" MHT Outlet - 15 psi   | 73715       | 25            | 8                | 33.5         |
| 3/4" FHT Inlet x 3/4" MHT Outlet - 20 psi   | 73725       | 25            | 8                | 33.5         |
| 3/4" FHT Inlet x 3/4" MHT Outlet - 25 psi   | 73735       | 25            | 8                | 33.5         |
| 3/4" FHT Inlet x 3/4" MHT Outlet - 30 psi   | 73745       | 25            | 8                | 33.5         |
| 3/4" FHT Inlet x 3/4" MHT Outlet - 40 psi   | 73755       | 25            | 8                | 33.5         |
| 3/4" FHT Inlet x 3/4" MHT Outlet - 50 psi   | 73765       | 25            | 8                | 33.5         |

- \* Operating Pressure 0 - 160 psi
- \* Flow Range 0 - 12 gpm

## NEW Ordering Information - Pressure Regulators High Flow

| Type                                        | Part Number | Pack Quantity | Packs Per Carton | Carton (lbs) |
|---------------------------------------------|-------------|---------------|------------------|--------------|
| 3/4" FNPT Inlet x 3/4" FNPT Outlet - 30 psi | 73505       | 25            | 8                | 33.5         |
| 3/4" FNPT Inlet x 3/4" FNPT Outlet - 40 psi | 73515       | 25            | 8                | 33.5         |
| 3/4" FNPT Inlet x 3/4" FNPT Outlet - 50 psi | 73525       | 25            | 8                | 33.5         |
| 1" FNPT Inlet x 1" FNPT Outlet - 30 psi     | 73405       | 25            | 8                | 33.5         |
| 1" FNPT lxn let x 1" FNPT Outlet - 40 psi   | 73415       | 25            | 8                | 33.5         |
| 1" FNPT Inlet x 1" FNPT Outlet - 50 psi     | 73425       | 25            | 8                | 33.5         |

- \* Operating Pressure 10 - 120 psi
- \* Flow Range 1 - 35 gpm

## NEW Ordering Information - Hose Bibb Vacuum Breakers

| Type                                                | Part Number | Pack Quantity | Packs Per Carton | Carton (lbs) |
|-----------------------------------------------------|-------------|---------------|------------------|--------------|
| Vacuum Breaker w/ Hose Washer 3/4" FHT x 3/4" MHT   | 73605       | 25            | 25               | TBA          |
| Vacuum Breaker w/ Screen Washer 3/4" FHT x 3/4" MHT | 73615       | 25            | 25               | TBA          |