

Pressure Compensating Threaded Bubblers

Emission Devices

Rain Bird's Pressure Compensating Bubblers are ideal for a variety of applications including shrub plantings, trees, containers, annual color, and flower beds.

Rain Bird's new pressure compensating bubblers are designed for a rugged environment. Offered in 5 gph, 7 gph, and 10 gph models, the bubbler style outlet and medium-flow options provide more flexibility for commercial applications. The ½" FPT threaded inlet makes these devices ideal for installations using a PVC pipe and schedule 80 risers.

Applications

- Point-Source Medium-Flow Emitters for Watering Larger Shrubs and Trees
- Use as a bubbler on ½" PVC riser

Features

- ½" FPT threads screw onto a variety of risers, spray heads, and fittings, delivering point-source, pressure compensating flow
- Robust design - durable plastic construction is UV-resistant and color coded caps identify flow rate
- Uniform flow throughout a wide pressure range (15 to 50 psi; 1.03 to 3.45 bar)



Operating Range

- **Flow rates:** 5 to 10 gph (18.93 to 37.85 l/h)
- **Pressure:** 15 to 50 psi (1.03 to 3.45 bar)
- **Required Filtration:** 100 mesh (150 micron)

Specifications

Inlet: ½" FPT threads are specifically designed to be used with:

- ½" PVC risers, schedule 80 risers
- MDCF50MPT 1/2" MPT compression fittings (16-18mm)
- XFDMA050 ½" MPT insert fittings (17mm)
- Rain Bird 1800 Series spray head with fitting
- Xeri-Pop spray head with fitting
- UNI-Spray or shrub adapter
- **Inlet Colors:** Light Brown, Violet, Green

Models



PCT-05

Color: Light Brown
Flow rate: 5 gph (18.93 l/h)



PCT-07

Color: Violet
Flow Rate: 7 gph (26.50 l/h)

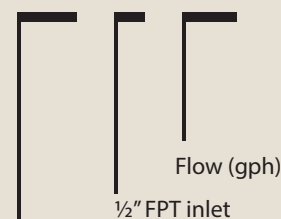


PCT-10

Color: Green
Flow Rate: 10 gph (37.85 l/h)

How to Specify

PC - T - 05



Model

PC: Pressure Compensating Model

Link to Rain Bird Emission Devices

<http://www.rainbird.com/DripEmission>



Specifications

The Pressure Compensating Bubblers shall feature a heavy-duty low-maintenance design and be made of UV resistant material.

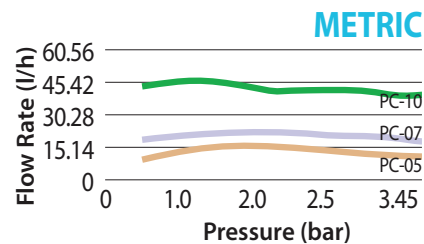
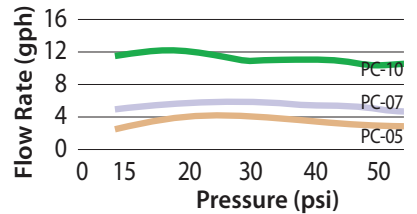
They require filtration of 100 mesh (150 micron).

They shall be pressure compensating. The models shall flow at 5gph, 7gph, and 10 gph when inlet pressure is between 15 to 50 psi (1.03 to 3.45 bar).

The inlet shall be a 1/2" FPT.

The Pressure Compensating Bubblers shall be manufactured by Rain Bird Corporation, in Mexico.

Pressure-Compensating Modules Performance



Pressure-Compensating Bubblers Models

Model	Inlet Type/ Outlet/Color	Nominal Flow gph	Filtration Required Mesh
PCT-05	NPT / light brown	5	100
PCT-07	NPT / violet	7	100
PCT-10	NPT / green	10	100

Pressure-Compensating Bubblers Models | METRIC

Model	Inlet Type/ Outlet/Color	Nominal Flow l/h	Filtration Required Micron
PCT-05	NPT / light brown	18.93	150
PCT-07	NPT / violet	26.50	150
PCT-10	NPT / green	37.85	150

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The Intelligent Use of Water™

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