

# Bubbler



The Bubbler can best be described as a pressure-compensated flow regulator with a high and exact flow rate (12 - 40 l/h). The self-closing function and the sizes are the same as Kameleon drippers.

## APPLICATION

Applications with high water consumption:  
Tree nurseries with (fruit) trees, pot plants, cultivation trays, mobile growing systems, garden centres

## CHARACTERISTICS

- ✓ Pressure-compensated, hence uniform water flow rate between 1.0 and 3.5 bar
- ✓ Broad water passages for high flow rates from 12 to 40 l/h
- ✓ Self-closing function
- ✓ Equipped with RS silicone diaphragm with improved chemical resistance (since 2019)
- ✓ 6 different flow rates
- ✓ Low CV value

## TECHNICAL DATA

Flow rate / plug	: 12 l/h (violet/black)
	: 20 l/h (orange/black)
	: 25 l/h (orange/light grey)
	: 30 l/h (orange/brown)
	: 35 l/h (orange/light blue)
	: 40 l/h (orange/blue)
Working pres	: 1.0 - 3.5 bar (except 40 l/h Bubbler:
Working pres.	: 1.3 - 3.5 bar)
Maximum pres.	: 4.0 bar
Closing pres.	: 0.12 bar
Filtration	: 130 micron (irrigation set)
	: 100 micron (main filtration)
Passage	: 0.61 mm (inlet filter)
	: in the form of 2 half-moons
Punch diameter	: 2.5 mm
Standard	: ISO 9261



## INSTALLATION & MAINTENANCE

- ✓ Read the 'General operating instructions for dripper systems' for storage, installation and use.
- ✓ The Bubbler may be flushed with acid, peroxide and/or chlorine-based agents (see 'Cleaning and important points for dripper systems').
- ✓ Regular flushing of dripper lines is important to prevent the accumulation of contaminants in the line.
- ✓ For outdoor applications: in case of freezing conditions we recommend to drain the drip system to remove moisture in pipes and drippers, to prevent frost damage.