

DGT Mobile Bench Irrigation System

Fill and drain valves for moveable container benches

This system lets container benches be moved by conveyor track or crane without being tied to fixed water pipework. Each bench carries a triangle valve for filling and an HV 3 siphon valve for draining.

The triangle valve delivers a splash-free jet and mounts to the bench drain edge on a bracket designed so that the valve moves aside when a crane lifts the bench. Two sizes are listed: 8 x 6 mm for 8 to 14 L/min and 10.5 x 8 mm for 12 to 20 L/min, both at 1.3 to 3.3 bar.

The HV 3 siphon drains the bench quickly and has a final emptying function that clears the last water at 0.2 L/min, useful on dirty benches. Its drain level is adjustable from 45 to 60 mm above the sump bottom.

Key capabilities

- Irrigation designed for crane- and conveyor-moved container benches
- Triangle valve fills in a splash-free jet
- Bracket lets the bench push the valve aside when lifted by crane
- Two triangle valve sizes: 8 to 14 L/min and 12 to 20 L/min
- HV 3 siphon valve for quick, efficient draining
- Built-in final emptying for the last of the water
- Drain level adjustable in steps
- Light black nylon valves

Technical specifications

Triangle valve 8 x 6 mm: recommended capacity	8 - 14 L/min
Triangle valve 10.5 x 8 mm: recommended capacity	12 - 20 L/min
Triangle valve: recommended water pressure	1.3 - 3.3 bar
Triangle valve: resistance tube	Ø 8 x 6 mm, 2 m (8 x 6 mm valve); Ø 10.5 x 8 mm, 1.5 m (10.5 x 8 mm valve)
Triangle valve: length (complete)	650 mm
Triangle valve: weight (complete, with bracket)	Approx. 350 g
Triangle valve: material	Black nylon
HV 3 siphon valve: draining	4 or 9 L/min
HV 3 siphon valve: final emptying	0.2 L/min
HV 3 siphon valve: draining height (adjustable)	45 - 60 mm above sump bottom

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**HV 3 siphon valve: mounting
hole in sump** 26 - 30 mm

**HV 3 siphon valve: mounting
thread** 3/4 inch RG

**HV 3 siphon valve: closing
function** Yes

**HV 3 siphon valve: material,
weight, length** Black nylon, 50 g, 100 mm

Sitetechn Irrigation Ltd is the main UK distributor for DGT by Senmatic. We specify, install, commission and support every system we supply, and design it into the wider irrigation and climate setup on your site. For sizing, integration or a site visit, call Simon on 07881 271 117 or email simon@sitetechn.uk.