

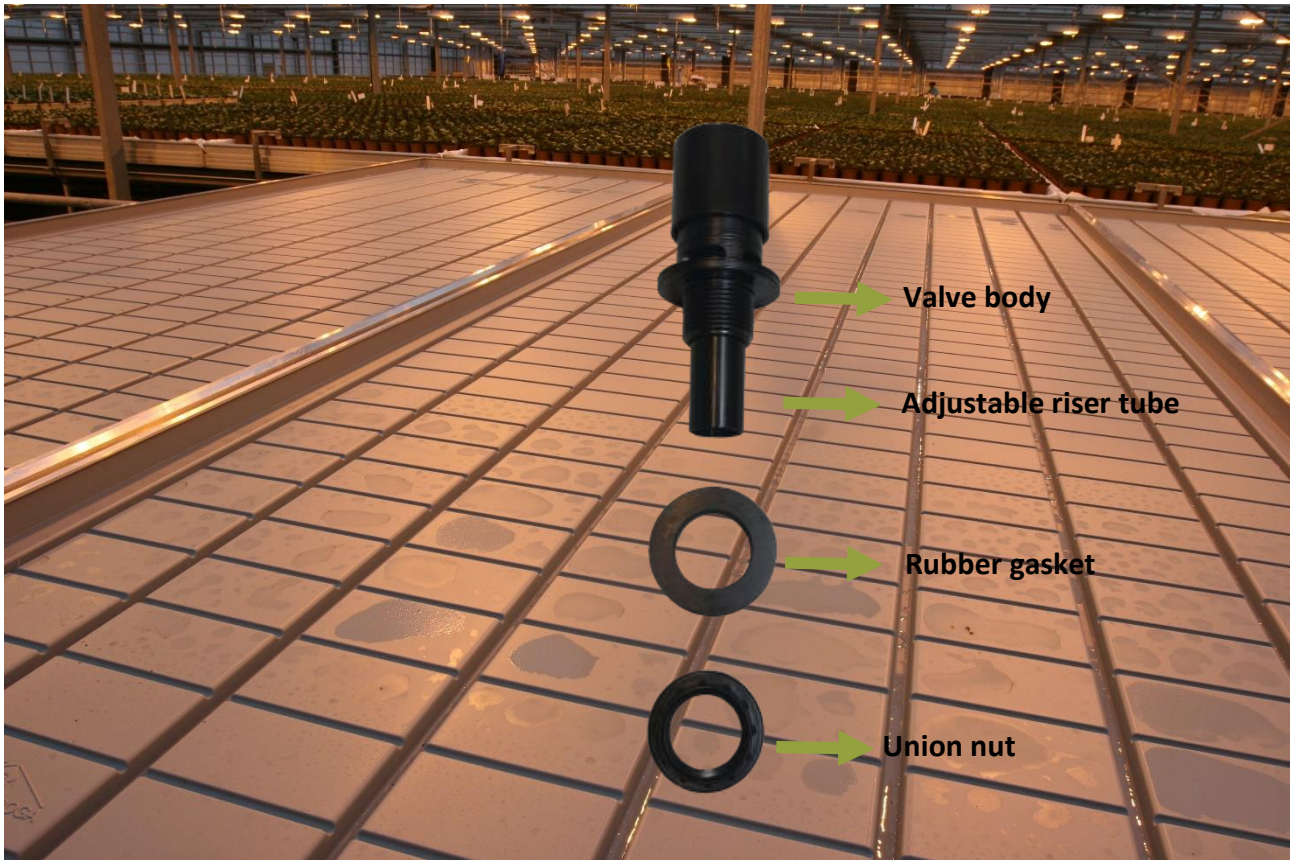
2021

Stål & Plast – Siphon Valve

**staal
plast**



Siphon Valve



The Siphon Valve is a simple 3 level drain valve, often used for automated mobile bench systems.

The valve can be pre-set to drain the tray at three different water levels, simply by adjusting the valve riser to the desired water level. When the desired water level is achieved, the so-called siphon effect causes the valve to let the water drain until the tray is completely emptied.

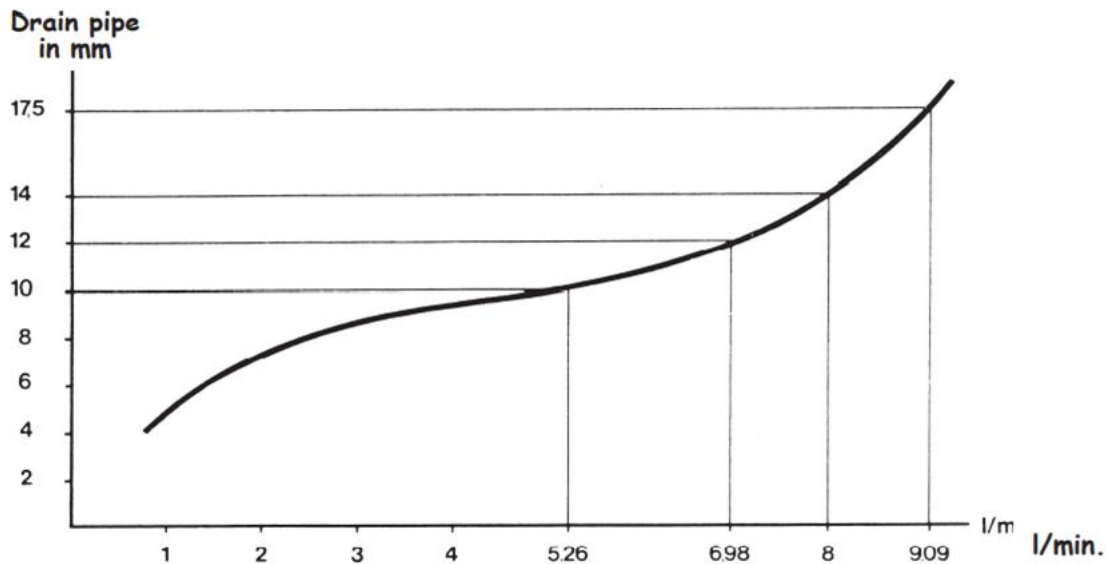
Additionally, the valve will continuously drain water from the tray if the valve riser is completely removed.

If the valve riser is adjusted to the absolute top position the water will remain on the tray.

The filling capacity is controlled by the filling water pressure.



The draining capacity is dependent on the inside diameter of the reduction ring (standard the Siphon Valve is delivered without a reduction ring for maximum draining 17,5 mm => 9 l/min.). See the diagram below.



The Siphon Valve comes standard with 17,5 mm inside hole diameter and a 10 mm reduction is delivered on request. The outside diameter is 20 mm.

The Siphon Valve comes standard with a 10 mm rubber gasket that fits the Staal & Plast valve sumps, but can also be delivered with a 5 mm or a flat gasket (the gasket height is determining the water level in combination with the setting of the valve riser).

It is possible to install 1-3 Siphon Valves in the Staal & Plast valve sump. The Staal & Plast valve sump plastic filters are designed with an easy removable cap, allowing the Siphon valve to stick through.

The Siphon Valve is very durable and is designed to sustain its functionality for many years within the rough growing environment. The valve is very easy to disassemble for regular cleaning.