

Siphon valve



Siphon valve

The small valve with the numerous functions

The siphon valve is developed especially for systems with mobile container tables and functions exclusively as a discharge valve using the siphon principle. This siphon valve is designed so that several valves can be mounted on the same table.



On the picture GVI's supply unit in PVC pipe is shown together with 2 siphon valves mounted on the same container table.

The siphon valve has three build-in functions:

- Can be adjusted to drain the tables at three different water levels, by adjusting the top of the valve to the desired level
- If the top of the valve is set at the max. position, the nutrient solution will remain on the container table
- If the top of the valve is removed completely, the water will continuously run off the table

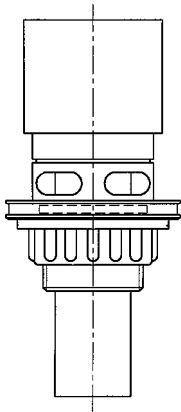
The siphon valve is easy to disassemble for cleaning and can be mounted in all types of container tables.



The siphon valve can be furnished with different sizes of reduction rings regulating the drainage time from the container table.

Technical specifications:

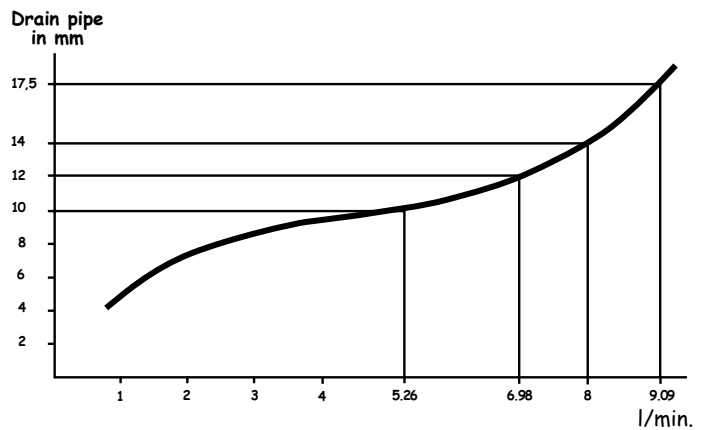
1



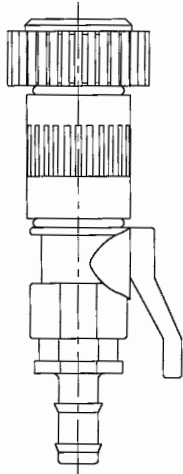
Siphon valve

Designed for container table systems with multiple water levels.

Draining capacity diagram for the Siphon valve (Litres/Min)



2



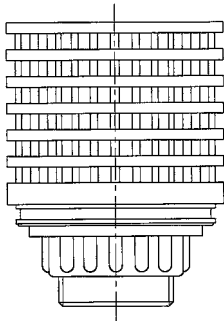
Filling capacity diagram for the HS valve (Litres/Min.)

| Pressure in bar | 2,0 | 2,5 | 3,0 | 3,5 | 4,0 | 4,5 | 5,0 | 5,5 | 6,0 |
|-----------------|------|------|------|-------|-------|-------|-------|-------|-------|
| 4,0 | 2,95 | 5,35 | 7,65 | 11,50 | 14,60 | 19,35 | 22,35 | 25,75 | 31,25 |
| 3,5 | 2,85 | 5,05 | 7,25 | 10,50 | 13,70 | 18,15 | 21,00 | 24,35 | 28,85 |
| 3,0 | 2,65 | 4,85 | 6,85 | 10,00 | 12,90 | 17,15 | 19,75 | 22,70 | 27,30 |
| 2,5 | 2,55 | 4,72 | 6,68 | 9,68 | 12,20 | 15,95 | 18,75 | 21,75 | 24,15 |
| 2,0 | 2,40 | 4,42 | 6,24 | 9,00 | 11,60 | 14,30 | 17,15 | 19,50 | 21,35 |
| 1,5 | 2,32 | 4,14 | 5,80 | 8,10 | 10,40 | 11,75 | 15,05 | 17,15 | 18,75 |

HS valve

Fill and drain valve designed for ebb/flow systems in rolling benches.

3



Drain valve

Designed for container table systems with continuous solution drain. Standard hole size \varnothing 8,5 mm.

