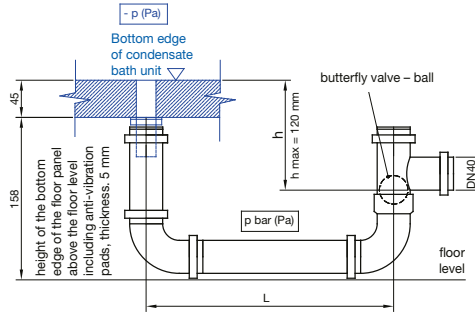


SF-P 300, 1300 – vacuum siphon with cap



The plastic vacuum trap with ball cap is suitable for connecting the condensate drainage of air handling units and other equipment. The trap is adjustable by sliding the individual parts out from each other. The siphon extension Δh is determined according to the vacuum value in the unit from the relation:

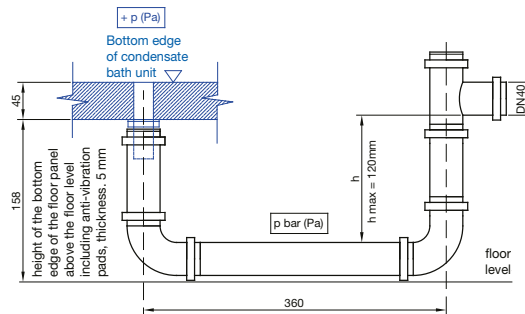
$$\Delta h = \Delta p / 10 + 10 \text{ (mm)},$$

where Δp is the absolute value of the pressure difference at a given point in the unit at maximum operating condition at atmospheric pressure.

For the determination of the pressure difference Δp , the clogging of the filters to twice the value of the pressure drop compared to the value with clean filters is considered.

Type	L [mm]	Ø [mm]
SF-P 300	270	20/32
SF-P 1300	1270	20/32

SF-P 400 PR – pressure trap with stopper



Pressure relief trap (SF-P 400 PR) – the trap must be completely filled with water to prevent odours from the sewer from penetrating into the interior of the unit when it is shut down. If the pressure relief siphon is sufficient, it can be determined by a visual test. During operation and start-up of the unit the water must not be forced into the waste pipe after the siphon has been filled. Max. applicable overpressure 1100 Pa.

Siphons are used individually for each condensate drain on the unit. The condensate drain downstream of each siphon of one unit assembly can be connected to one pipe. The unit drain sleeves shall not be piped together and then into a single siphon. In winter, the condensate line, including siphons, must be tempered against freezing, e.g. by heating electric cables, for outdoor units. After installation, the siphon must be fixed so that it does not disconnect spontaneously due to the weights of the water inside.