

## 18. Drain valve

The drain valve is tightened with a lock nut. Loosen this and open the valve completely. This increases the drain flow.

This valve creates back pressure in the membrane and thus also minimises the drain flow. Deposits can form there as the water flow is minimised.

This valve is very important when adjusting the system! There are 3 important points for a system to run well!

- Check the working pressure with the pressure gauge and adjust with the adjusting screw on the pump
- Check the drain flow with a measuring cup - if the drain flow is throttled back, the working pressure increases and the output at the pure water outlet increases!
- Check the pure water flow with a measuring cup

The ratio of pure water to wastewater should be 70:30 at best

The worse the quality of the incoming water, the higher the drain flow that you have to allow. This means that the drain flow should be increased to 40% or 50% for customers who have a problem with the membranes.

