

⚠ CAUTION

When the unit is not running for a long time, make sure the unit is powered on all the time. If you want to cut off the power, the water in the system pipe needs to be drained clean, avoid the unit and pipeline system be damaged by freezing. Also the power of the unit needs to be cut off after water in the system is drained off.

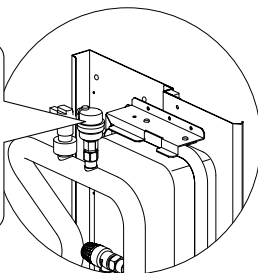
⚠ WARNING

Ethylene Glycol and Propylene Glycol are TOXIC

9.5 Filling water

- Connect the water supply to the filling valve and open the valve.
- Make sure the automatic air purge valve is open (at least 2 turns).
- Fill with water pressure of approximately 2.0 bar. Remove air in the circuit as much as possible using the air purge valves. Air in the water circuit could lead to malfunction of the backup electric heater.

Do not fasten the black plastic cover on the vent valve at the topside of the unit when the system is running. Open air purge valve, turn anticlockwise at least 2 full turns to release air from the system.



💡 NOTE

During filling, it might not be possible to remove all air in the system. Remaining air will be removed through the automatic air purge valves during the first operating hours of the system. Topping up the water afterwards might be required.

- The water pressure will vary depending on the water temperature (higher pressure at higher water temperature). However, at all times water pressure should remain above 0.3 bar to avoid air entering the circuit.
- The unit might drain-off too much water through the pressure relief valve.
- Water quality should be complied with EN 98/83 EC Directives.
- Detailed water quality condition can be found in EN 98/83 EC Directives.