

Connecting the Water Supply and Drainage

The Gemini AS comes fitted with a drainage hose and has a 2.5 m (8 ft) water supply hose included as standard.

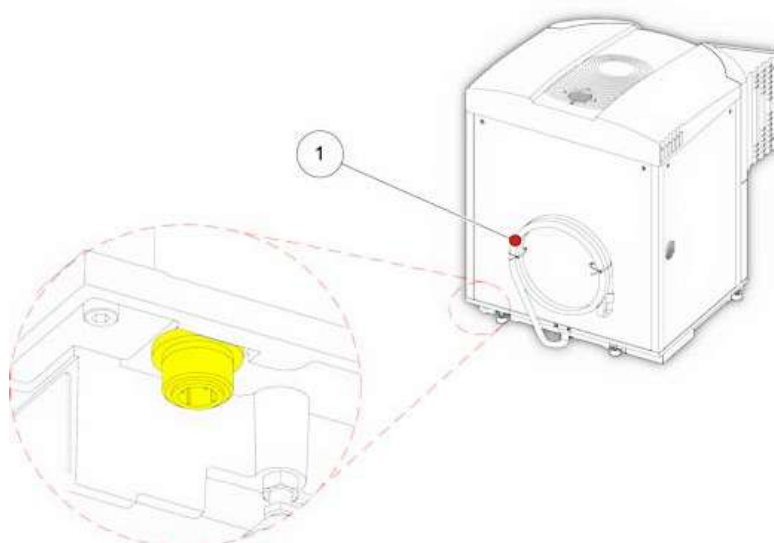
Note

The instrument is fitted with a flow regulator to automatically regulate the water flow. If the water pressure exceeds 10 bar (145 psi) at 20°C or 8 bar (116 psi) at 40°C, a pressure reducing valve must be installed.

The instrument meets the requirements of EN 1717 for backflow prevention of a potable water supply, for hazards up to and including category 4, which includes the presence of one or more toxic or very toxic substances, or one or more radioactive, mutagenic or carcinogenic substances. However, if the instrument could be used with fluids or tissue that may contain concentrations of pathogenic organisms such as faecal material or other human waste, butchery or other animal waste or pathogens from any other source, and could therefore pose serious health hazards, then an increased level of protection is required. Always check local regulations and install additional external protection if necessary.

To fit the supply hose:

- Identify the threaded water inlet port at the bottom left-hand corner of the instrument, as viewed from the back.



The water inlet point - used to connect the water supply to the instrument

- Connect the 90° elbow fitting on the supply hose securely to the threaded inlet port.
- Attach the other end of the supply hose to a water source.



The water pressure of the supply must be between 0.2 bar (3 psi) and 10 bar (145 psi) at 20°C or 8 bar (116 psi) at 40°C. The minimum flow rate must be 5 litres per minute.

- Uncoil the drainage hose and run the drainage hose from the back of the instrument to a drain point. Ensure that the drainage hose is laid flat across the bench. The drainage hose should be cut to keep it as short as possible.



Only discharge waste water to the drain if allowed by local water regulations; if in doubt seek guidance from your local waste water authority.



Ensure water fittings are connected correctly. Consider nearby electrical connections and other risks.