

9.4 Water piping

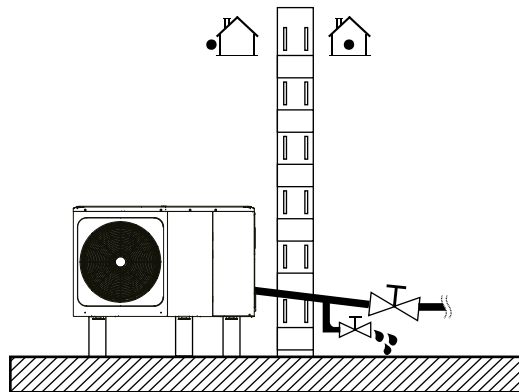
All piping lengths and distances have been taken into consideration.

Requirements

The maximum allowed thermistor cable length is 20m. This is the maximum allowable distance between the domestic hot water tank and the unit (only for installations with a domestic hot water tank). The thermistor cable supplied with the domestic hot water tank is 10m in length. In order to optimize efficiency we recommend installing the 3-way valve and the domestic hot water tank as close as possible to the unit.

NOTE

If the installation is equipped with a domestic hot water tank (field supply), please refer to the domestic hot water tank Installation And Owner's Manual. If there is no glycol (anti-freeze) in the system there is a power supply or pump failure, drain the system (as shown in the figure below).



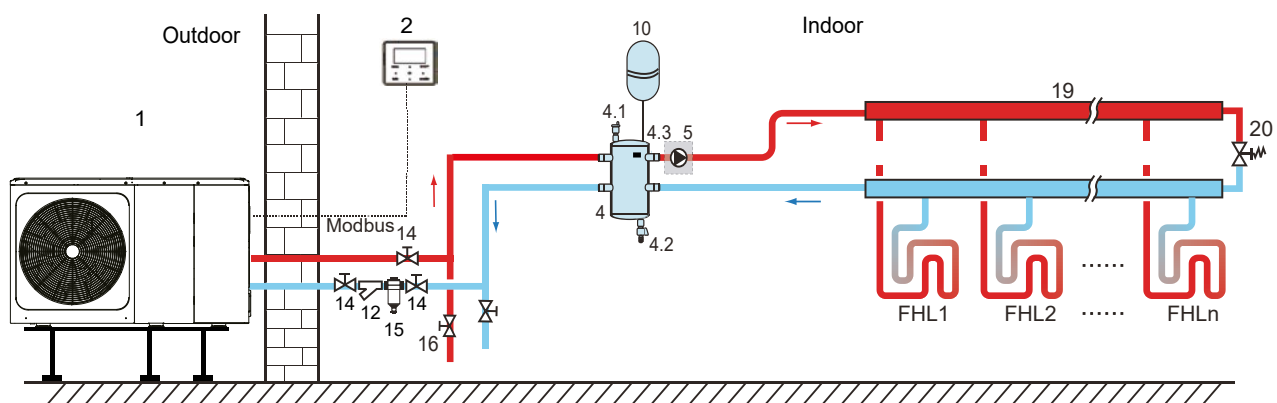
NOTE

If water is not removed from the system in freezing weather when unit is not used, the frozen water may damage the water circle parts.

9.4.1 Check the water circuit

The unit is equipped with a water inlet and water outlet for connection to a water circuit. This circuit must be provided by a licensed technician and must comply with local laws and regulations.

The unit is only to be used in a closed water system. Application in an open water circuit can lead to excessive corrosion of the water piping.



Code	Assembly unit	Code	Assembly unit
1	Main unit	12	Filter (Accessory)
2	User interface(accessory)	14	Shut-off valve (Field supply)
4	Balance or buffer tank (Field supply)	15	Magnetic filter (Field supply)
4.1	Automatic air purge valve	16	Drainage valve (Field supply)
4.2	Drainage valve	19	Collector/distributor (Field supply)
5	P_o: Outside circulation pump(Field supply)	20	Bypass valve (field supply)
10	Expansion vessel(field supply)	FHL 1...n	Floor heating loop (Field supply)