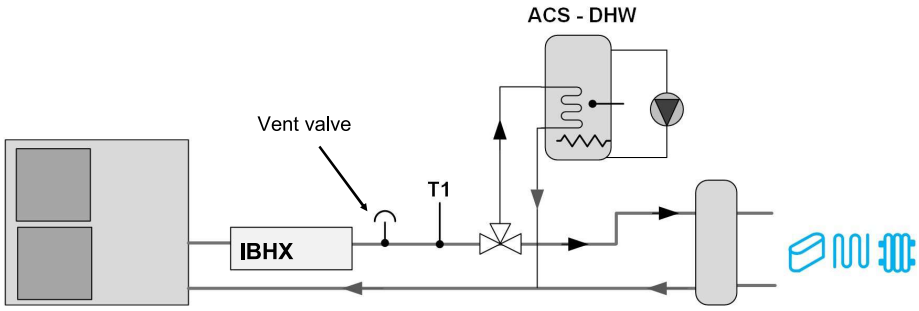
GB

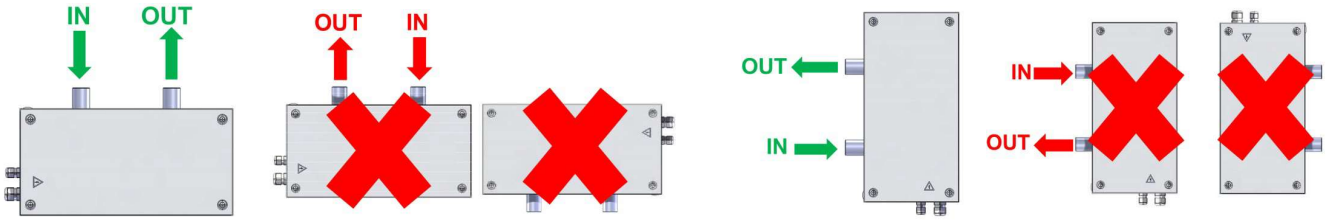
Before performing any operation read carefully the IOM supplied with the unit .
This component and these instructions are conceived exclusively for the utilisation in conjunction with a unit of the same manufacturer.
These operations must be carried out exclusively by qualified technician and instructed on possible risks connected to the operations.
The electric operations must be carried out by qualified electricians at least according to IEC 60364 .
During the operations follow the local safety regulations.
Before starting, disconnect the unit power line.
Check that the earth system is present and effective.



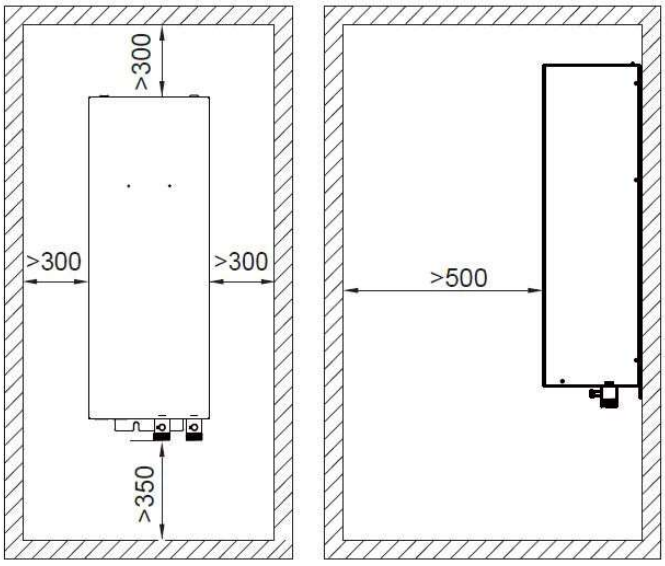
T1= system temperature probe

Vent valve
Install the highest points of tubes in a way that the air can escape from the circuit.

Position



Installation, observe the following distances



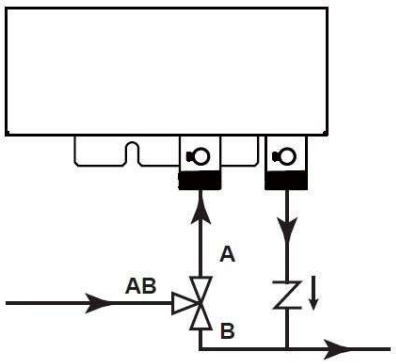
(unit: mm)

The backup heater is designed to be wall mounted in indoor locations only.
Make sure the installation surface is a flat and vertical not combustible wall.

Minimum flow

When installing the backup heater in the system, make sure the required minimum water flow rate is guaranteed at all times.
For more information, refer to the installation manual of the outdoor unit.

3-way or 2-way upstream installation



The function of the 3-way valve is to switch the water pipe.
When we use the heat mode or hot water mode,the water flows AB to A; when we use the cool mode,the water flows AB to B.
When the outdoor unit is in cool mode, condensation may occur.
Therefore provide a bypass by installing a valve kit to the water inlet of the backup heater.
For instructions, refer to the installer reference guide.
Do NOT install any other valve kit than the one specified in the installer reference guide.

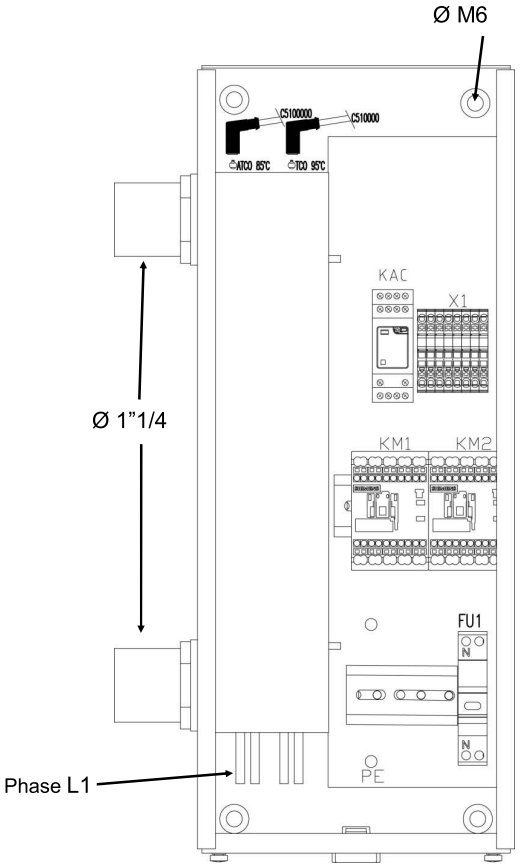
Electrical connection

Kit composition:
1 x T1 10m temperature probe (provide a probe holder well)
3 x fuses

Remove power supply

Add fuses according to the requested capacity (kW)

FU1 (fuses)		POWER (KW)		TOTAL POWER
1x10A	STD	2KW	=	2KW
1x20A	Opt.	2KW + 2KW	=	4KW
1x32A	Opt.	2KW + 2KW + 2KW	=	6KW



Use of the resistances

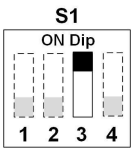
Remove the phase (L1) of the resistance according to the power used.

1 Phase = 2kW
2 Phases = 4kW
3 Phases = 6kW

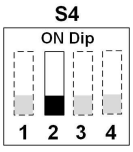
Insulate the removed cables

DIP setting

DHW+SYSTEM



SYSTEM



Periodic check (by installer)

1. check fastening of safety thermostats
2. check fastening of power cables

Electrical wiring diagram