



Bobbie

powered by M Climate



Installation Instructions

Compatibility

The device is designed for remote ON/OFF switching of water heaters of all kinds. It connects to the power network 230V and has the ability to switch the power of electric water heaters with capacity to 3KW.

Electrical power: AC 230 V \pm 10%, 50 Hz

Switching power: 3000 W - max

Switching current: 16A - max

Temperature measurements: from 0 to 90°C for T1 and T2,
from 0 to 40°C for T3

Accuracy of the measured temperature: \pm 5%

Accuracy of electrical power measurements: \pm 2%

Accuracy of the measured network voltage: \pm 2%

Accuracy of the measured alternating current: \pm 2%

Energy consumption: 3VA max

Room temperature and humidity: from 0°C до +40°C/ 0% to 100%

Temperature for usage in storage rooms:

from -10 to +60°C from 0% to 85%

Protection class: IP 24 Class II insulation

Mounting position: according rendered symbols

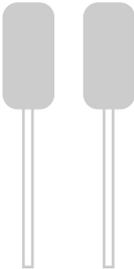
Power ON/OFF indication: Yes

Indication for electrical power to the electrical heater: Yes

Inside the box



Bobbie



temperature sensors



1m three-wire cable



fasteners

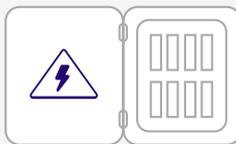


installation template

Installation

1. Shut down the electrical power from the main fuse!

Be sure that you have turned the power to the water heater off by using a phase meter.



electrical switchboard

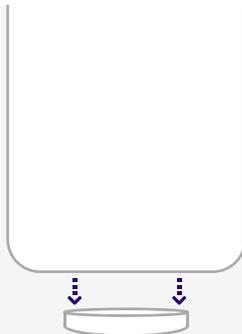
and



ON/OFF Water heater switch

2. Remove the bottom cover of your water heater.

Use the instructions of your water heater to remove the cover safely. Make sure that it's allowed by the manufacturer and you don't lose the warranty of your water heater.



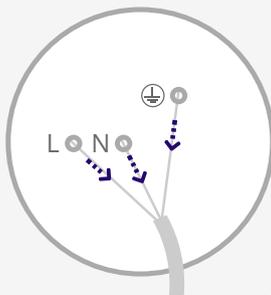
Installation

3. Disconnect the power wires.



Use phase meter to be sure there is no electricity to your power wires.

Use the stickers inside the box, to mark every cable of your water heater. The stickers have L, N and G. Put the stickers to the cables, marked with the symbols. They are easy to find on the clamps of every cable. After marking the cables you can take them off from the clamps.



4. Put the template on the wall.

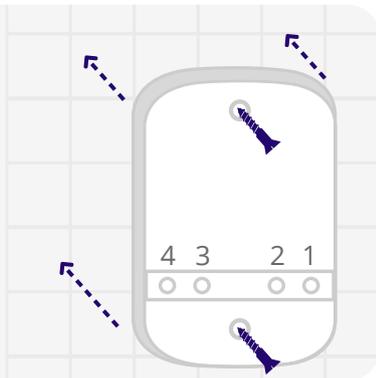
The template shows you where you should mark the spots for fixing Bobbie on the wall. For smooth surfaces (like faience), you can use double sided foil.



Installation

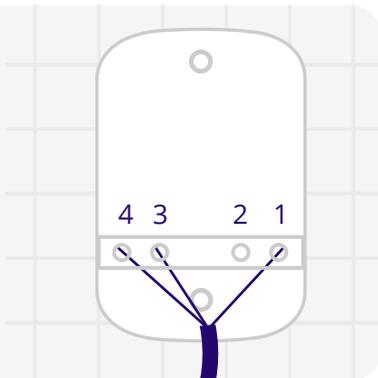
5. Mount Bobbie on the wall.

Use the fasteners or double sided foil to make sure that the device is well attached to the wall.



6. Mount the wires that you've marked in t.3

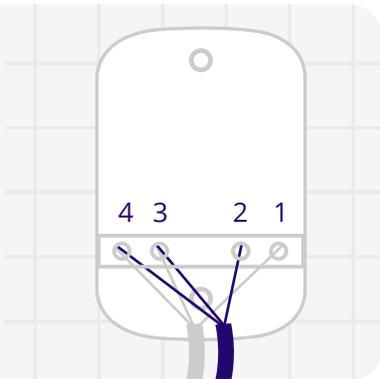
Connect wire L to position 1, wire N to position 3 and wire G to position 4.



Installation

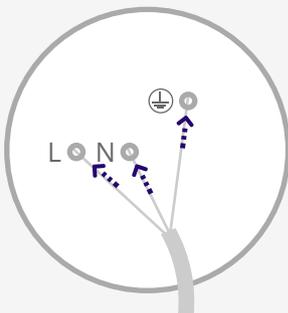
7. Connect the extra wire.

The extra wire connects Bobbie to your water heater. Mount the red wire to position 2, the blue one to position 3 and the yellow with green strips to position 4.



8. Mount the extra wire to your water heater.

To clamp L of your water heater you should mount the red wire, to clamp N - the blue one. To clamp G, put the yellow-green wire.



Installation

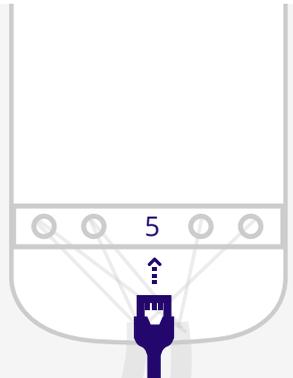
9. Place the bottom cover of your water heater.

Use the instructions of the manufacturer.



10. Connect Bobbie's sensors.

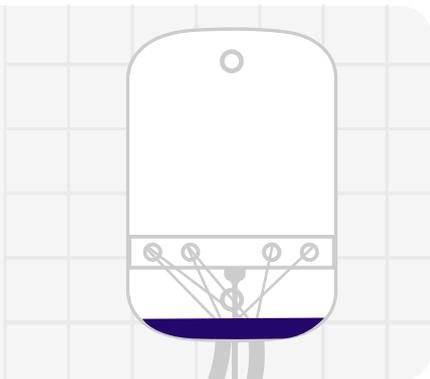
Connect the cable of the sensors into position 5.



Installation

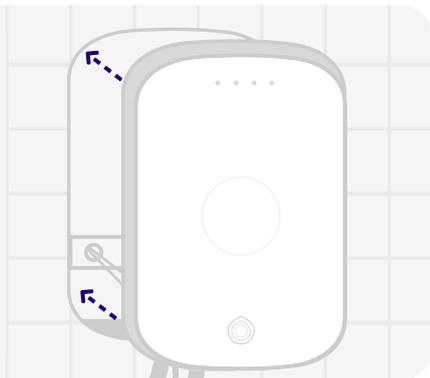
11. Fixate every cables in the box.

Put every cable in its place and tighten them with the bracket.



12. Place Bobbie's front cover.

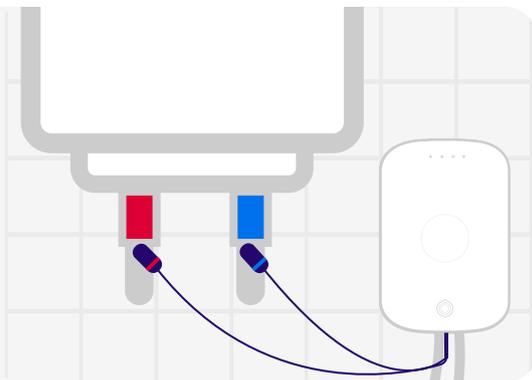
Place Bobbie's front cover to make it look out of the box.



Installation

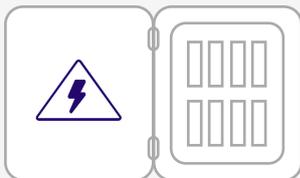
13. Place the sensors to the pipes of your water heater.

Mount the red sensor to the hot water pipe and the blue one to the cold water pipe.



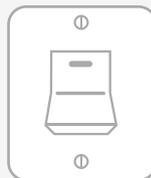
14. Turn on the electricity from the main switchboard.

Turn ON the switch of your water heater.



electrical switchboard

and



ON/OFF Water
heater switch.

Installation

15. Download Bobbie's mobile application.

You can download the app to iOS and Android from:

www.seebobbie.com/app



Anything left unclear?



For more information and questions about the product, visit:

www.seebobbie.com

