



What's the news?



HOT HUMIDIFIER
1st patent system

Double chamber room

Problem of traditional devices:

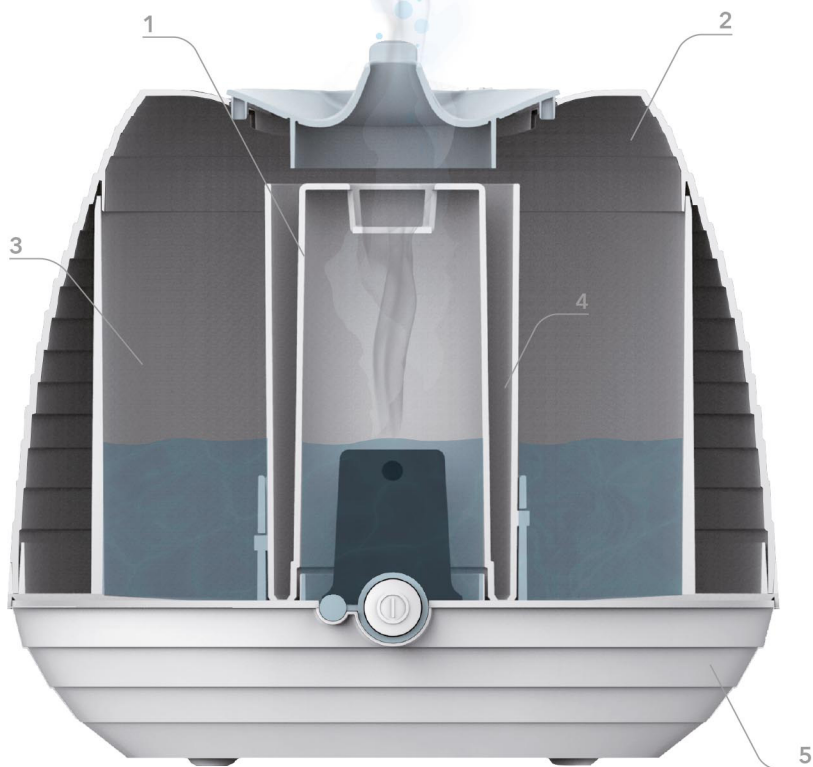
Traditional hot humidifiers are equipped with 2 separated parts: tank and boiling chamber. Water boils using metallic electrodes inside the chamber.

Disadvantages: bulky units, high risk of burn, dangerous electrified parts inside the water.

Our solution:

Thanks to a heating element the water in the **boiling chamber (1)** is heated up to steam, removing metallic electrodes. **The lid (2)** covers the tank and the boiling chamber as well. Due to an exit hole, it lets the steam come out in the area where the product is placed.

The tank (3) is connected with the boiling chamber in order to have the same water level thanks to the "siphon effect". The tank structure, completely wraps the boiling chamber, hence product's dimensions are easily reduced. **The cavity (4)** surrounds the heating element. The space between boiling area and tank is opened on the upper side and gets air from the outside, keeping hot water only inside boiling area and cold water all around, inside the tank. Finally the **lower housing (5)** contains all the electrical components and the heating element to warm up water inside the boiling area.



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