elettroplastica
since 1963

HOT HUMIDIFIER

problem of traditional devices:

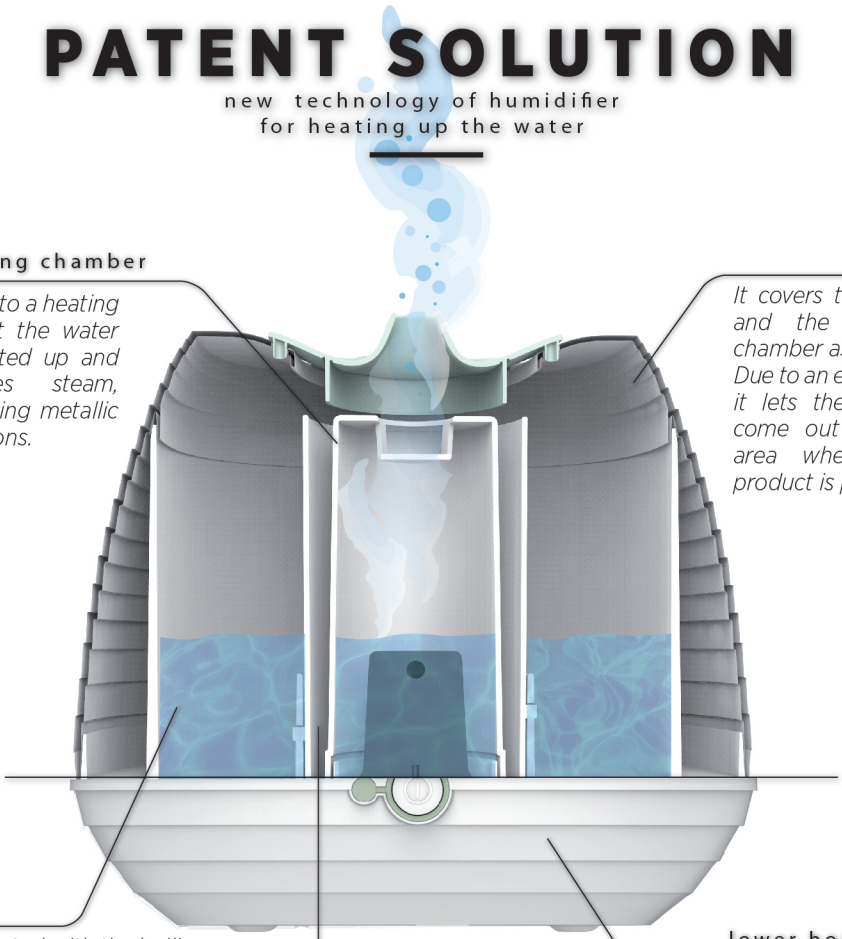
Traditional hot humidifiers are equipped with 2 separated parts: tank and boiling chamber. Water boils using metallic electrodes inside the chamber.

Disavantages:

-bulky units
-high risk of burn
-dangerous: electrified parts inside the water

PATENT SOLUTION

new technology of humidifier
for heating up the water



boiling chamber

Thanks to a heating element the water it's heated up and becomes steam, removing metallic electroons.

lid

It 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.

tank

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.

cavity

It surrounds the heating element. The space between boiling area and tank is opened on the upper side and gets air from the outside. In this way it keeps hot water only inside boiling area and cold water all around, inside the tank.

lower housing

It contains all the electrical components and the heating element to warm up water inside the boiling area.

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