

Window Purifier



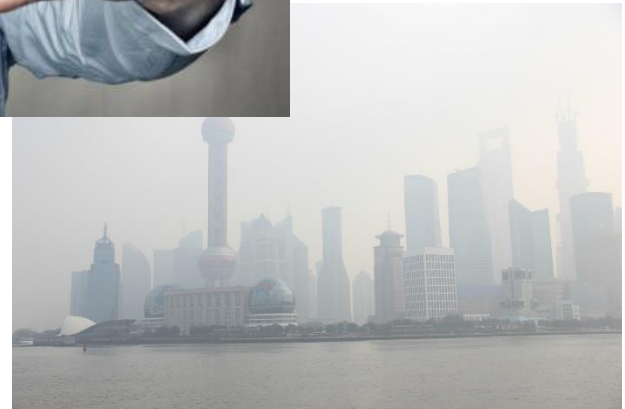
Snow

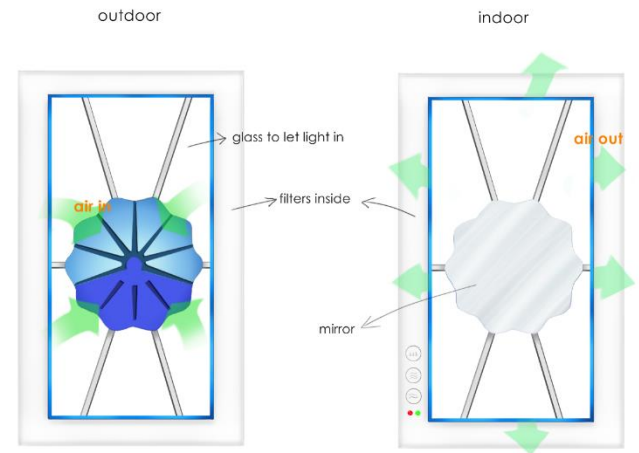
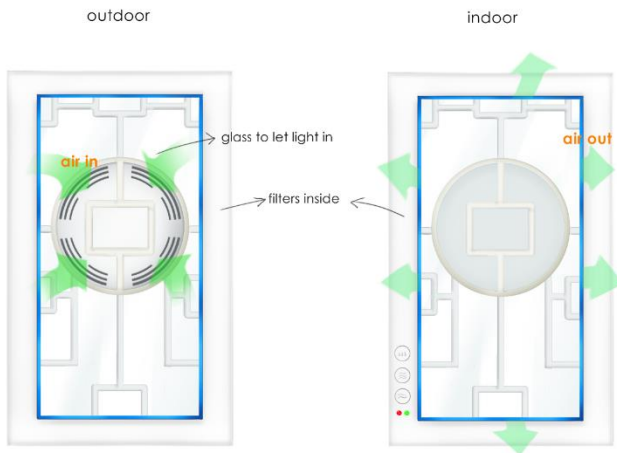
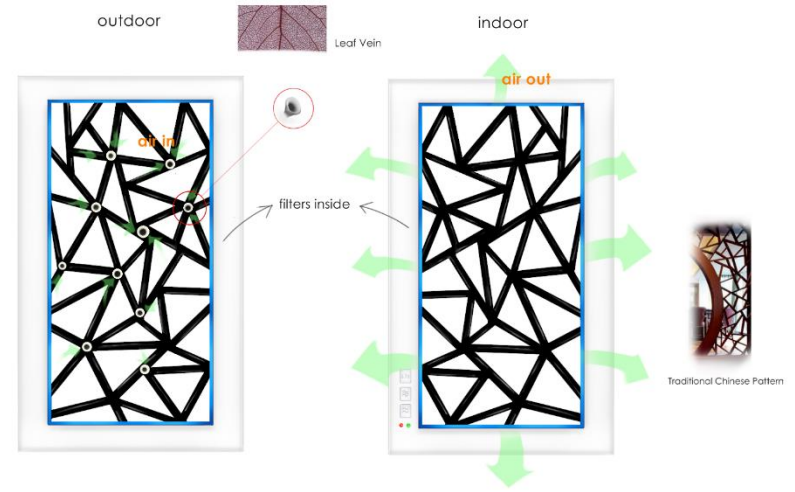
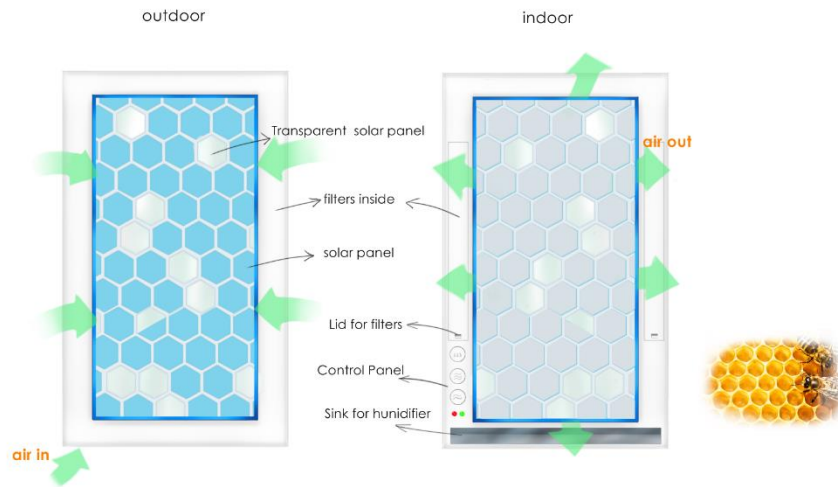
Yang Baoling

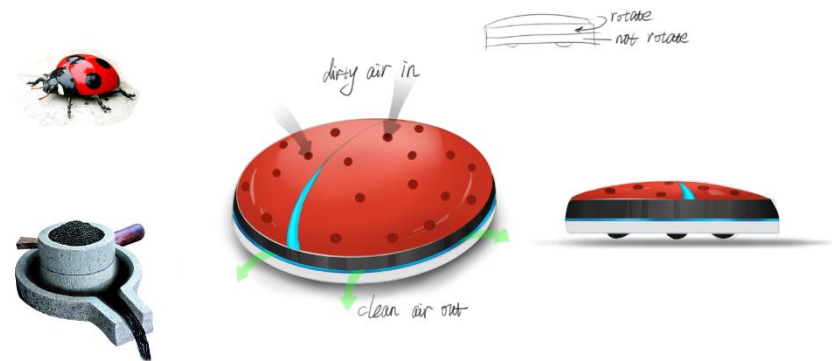
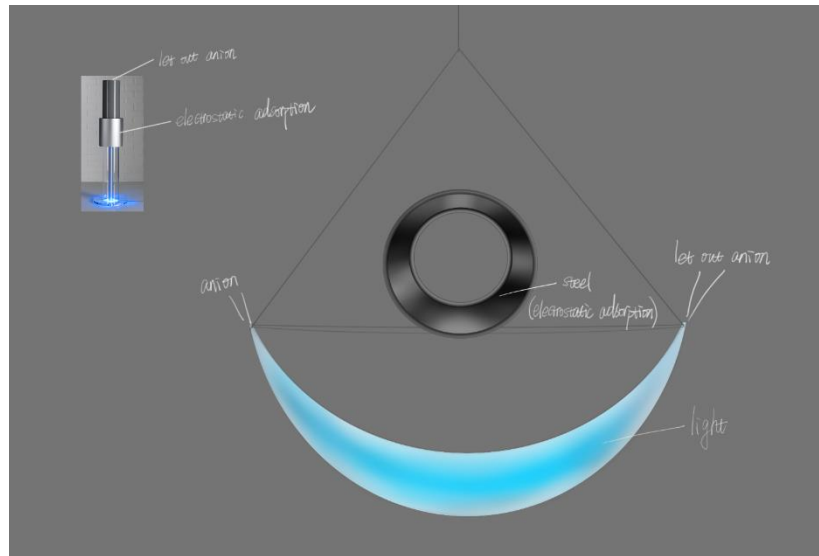
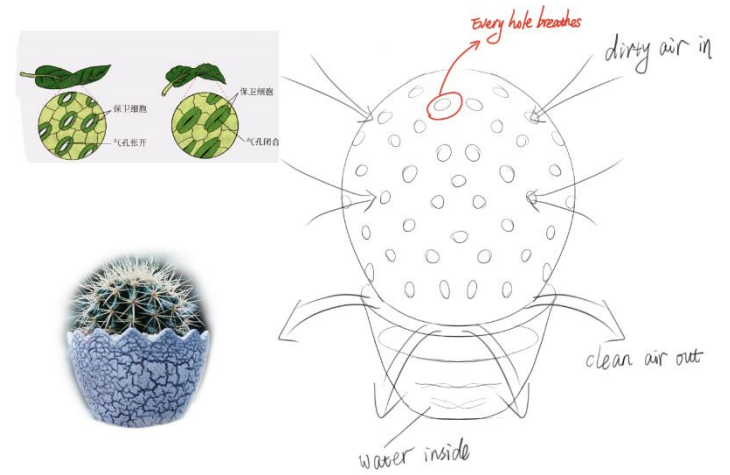
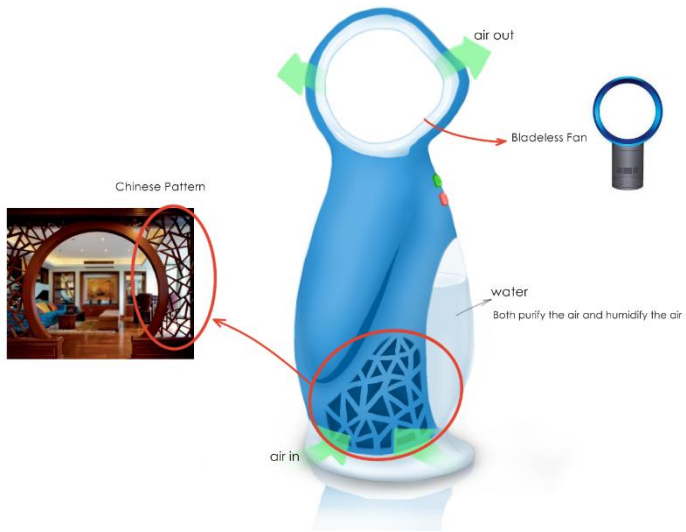
TOPIC -- Breathe



Air Pollution in China







Questionnaire



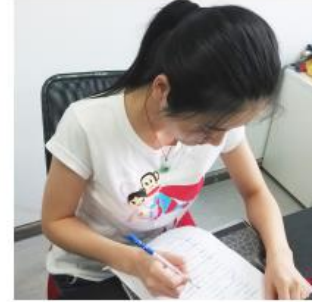
Solar Energy



Smart



Low Noise



Humidify



Embedded

Suggestions for air purifier as follows:

- ① Use chemical reaction for purification rather than just physical filtering.
- ② Cheap and simple.
- ③ Low power consumption, solar energy is appreciated.
- ④ Smart, and be able to show air quality.
- ⑤ Be able to humidify or dehumidify.
- ⑥ Small or embedded in somewhere rather than taking up much space.
- ⑦ Low noise.
- ⑧ If it's movable, it should be able to be moved easily.

Predicting the Trend

Solar Energy



TESLA MOTORS

Smart Home

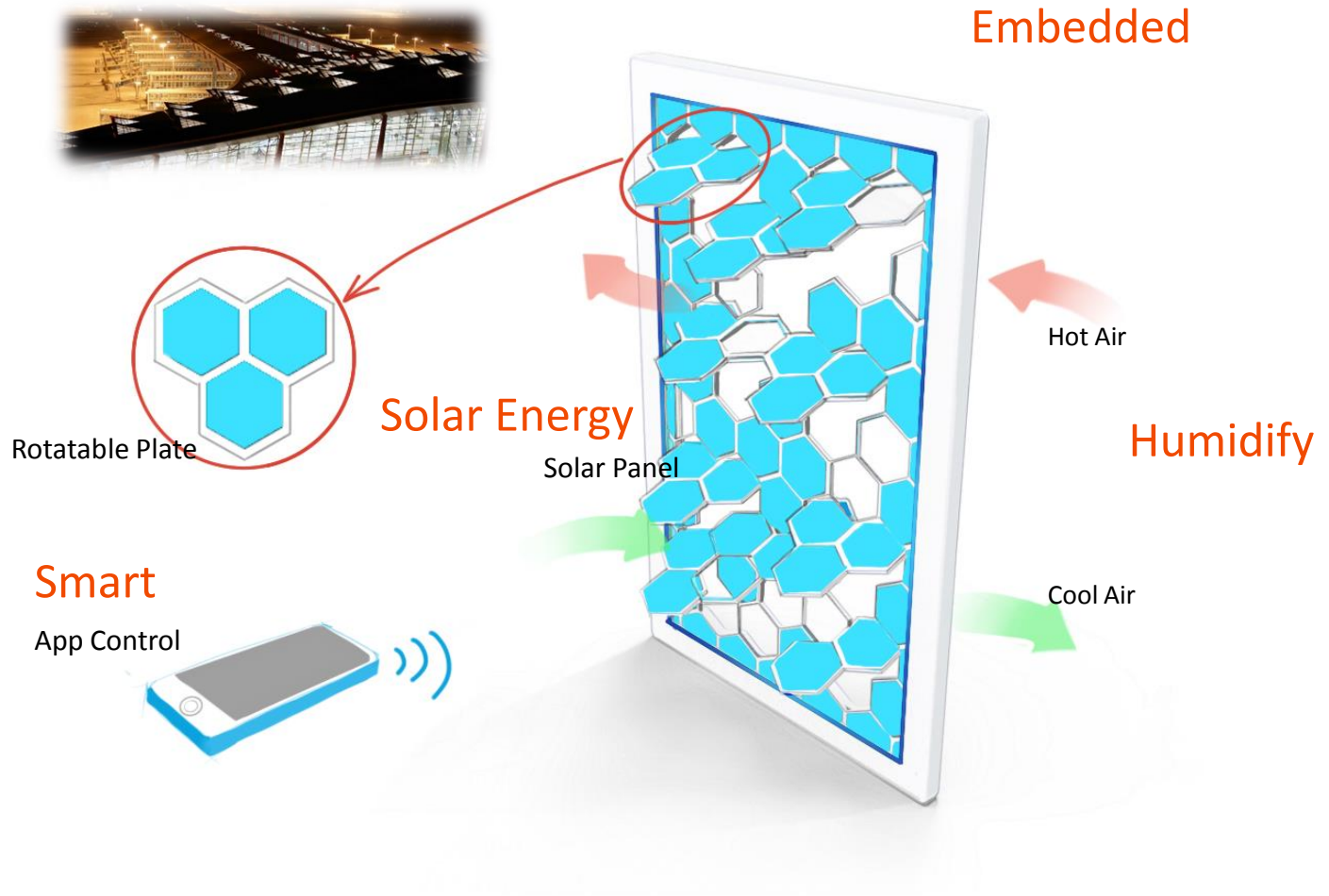


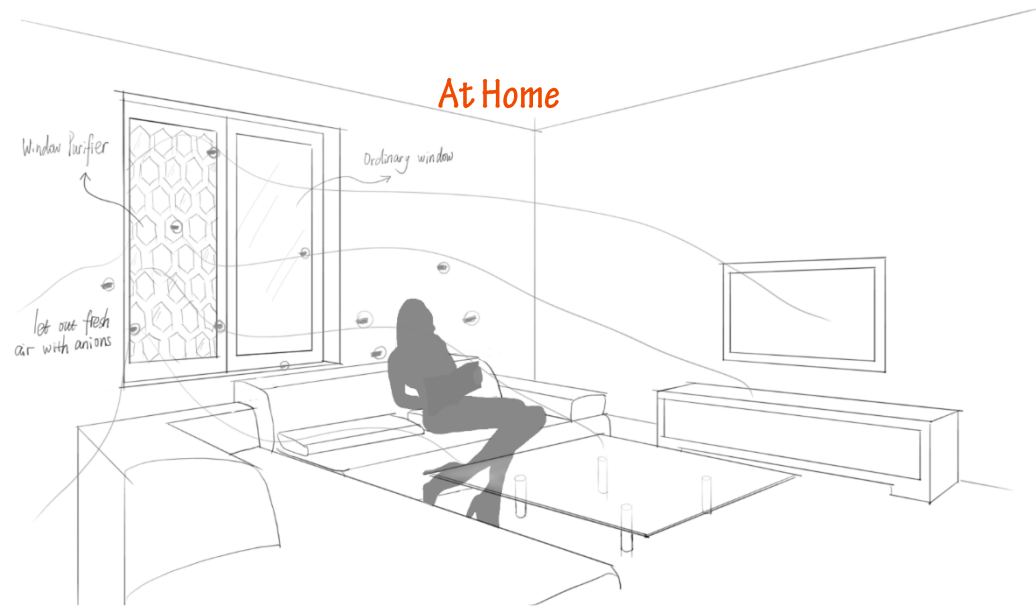
HomeKit



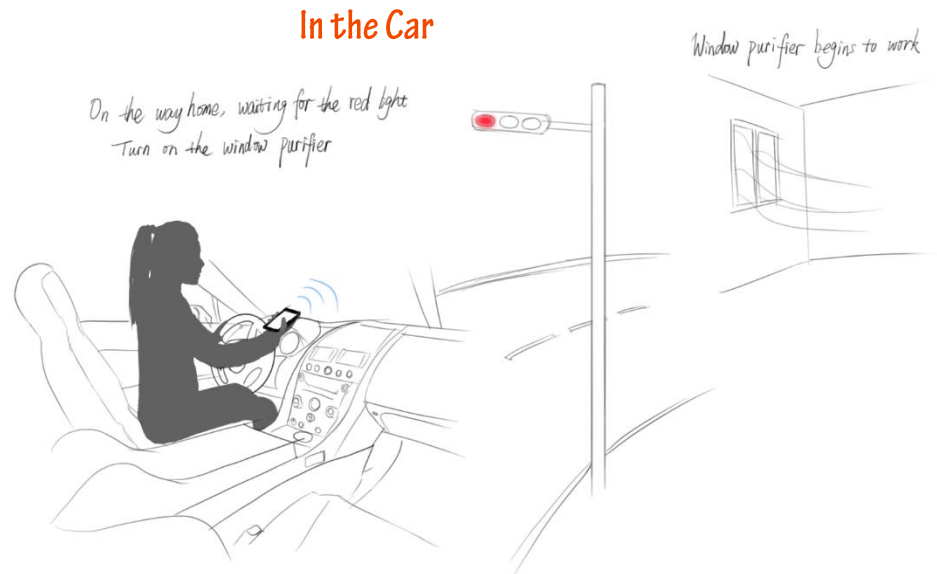
Concept Development

Terminal 3 in Capital Airport—designed by Norman Foster

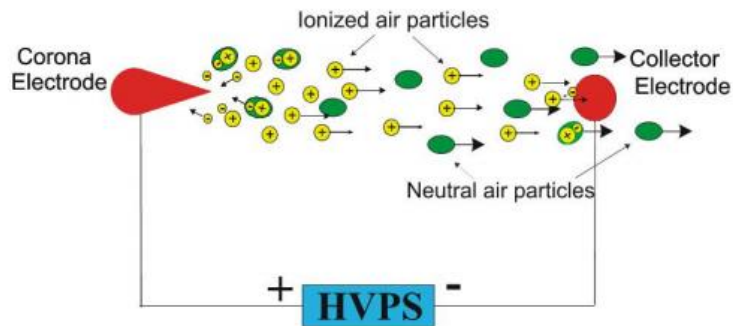




Using Scenario



Technology Research



Ionic Wind

Low Noise

Three Advantages of Ionic Wind

1. High Efficiency

Sterilizing rate more than 99%, efficiently kill virus and bacteria. Collection efficiency more than 99%, CADR 225m³/h, efficiently remove allergens, nicotine, smog, formaldehyde, benzene and so on.

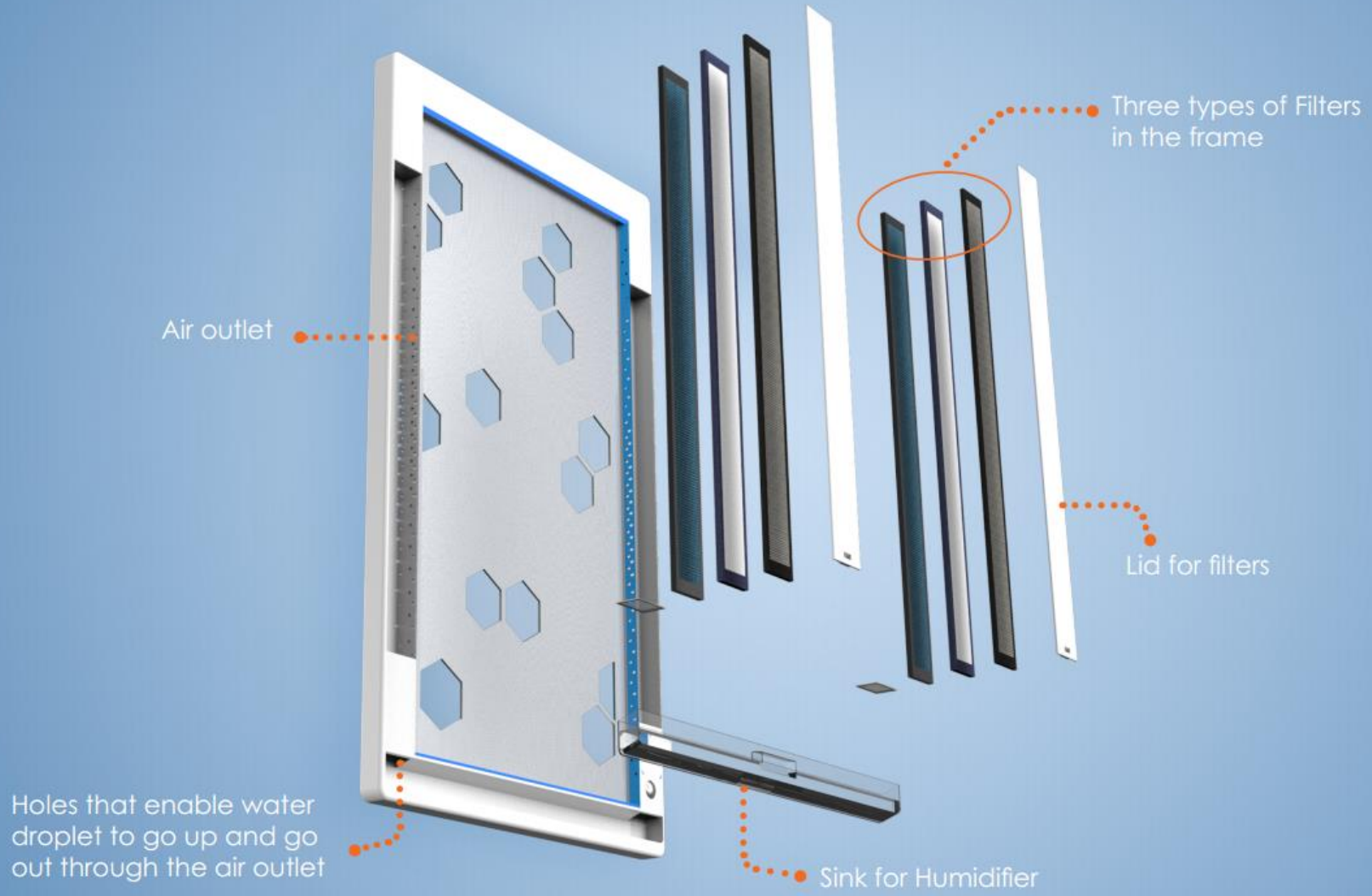
2. Energy Conservation

Low power consumption due to absence of fan. A 0.5 meter high purifier consumes no more than 30 watt, and less than 0.5 kilowatt-hours for running for 24 hours

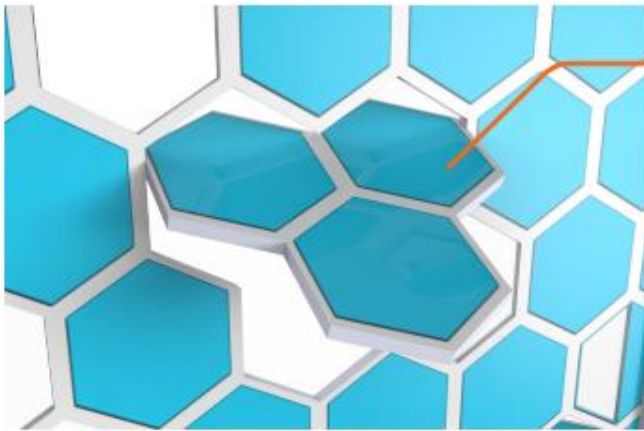
3. No Noise

No fan is used in this technology to generate wind, so there will be no noise of fans. The sound of ionic wind is so low that you merely cannot hear it.

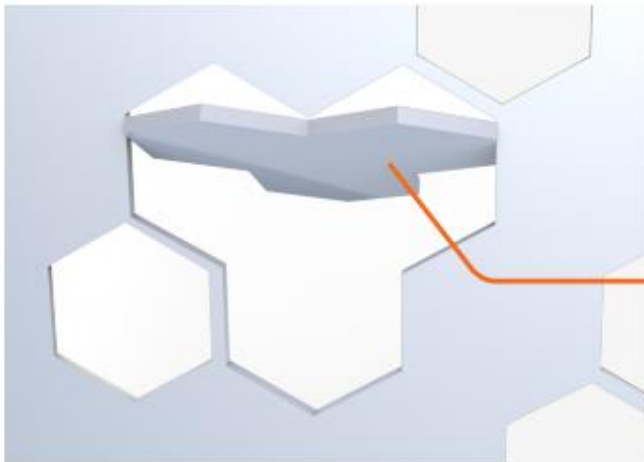
Explosive view



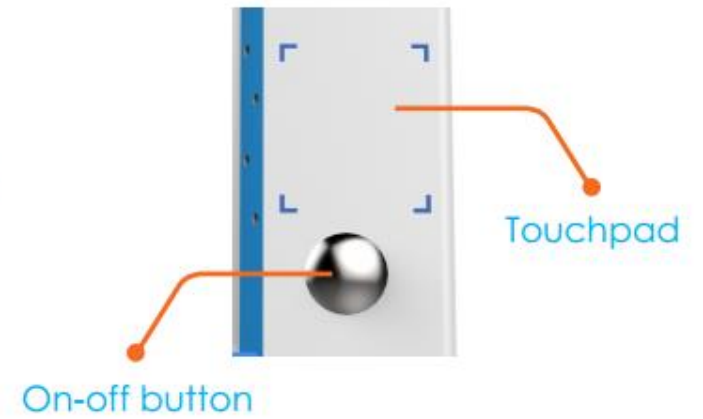
Details



Front view of the
rotatable plate



Back view of the
rotatable plate



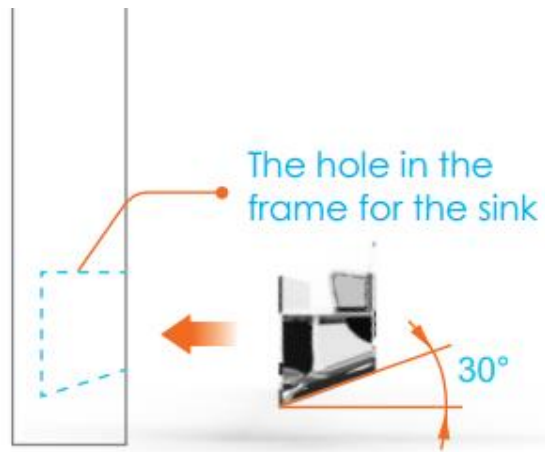
On-off button

Touchpad

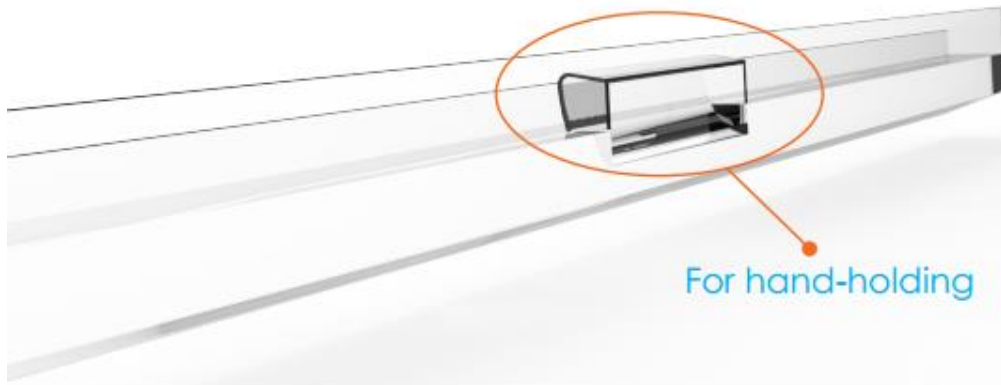


Air Inlet &
Outlet

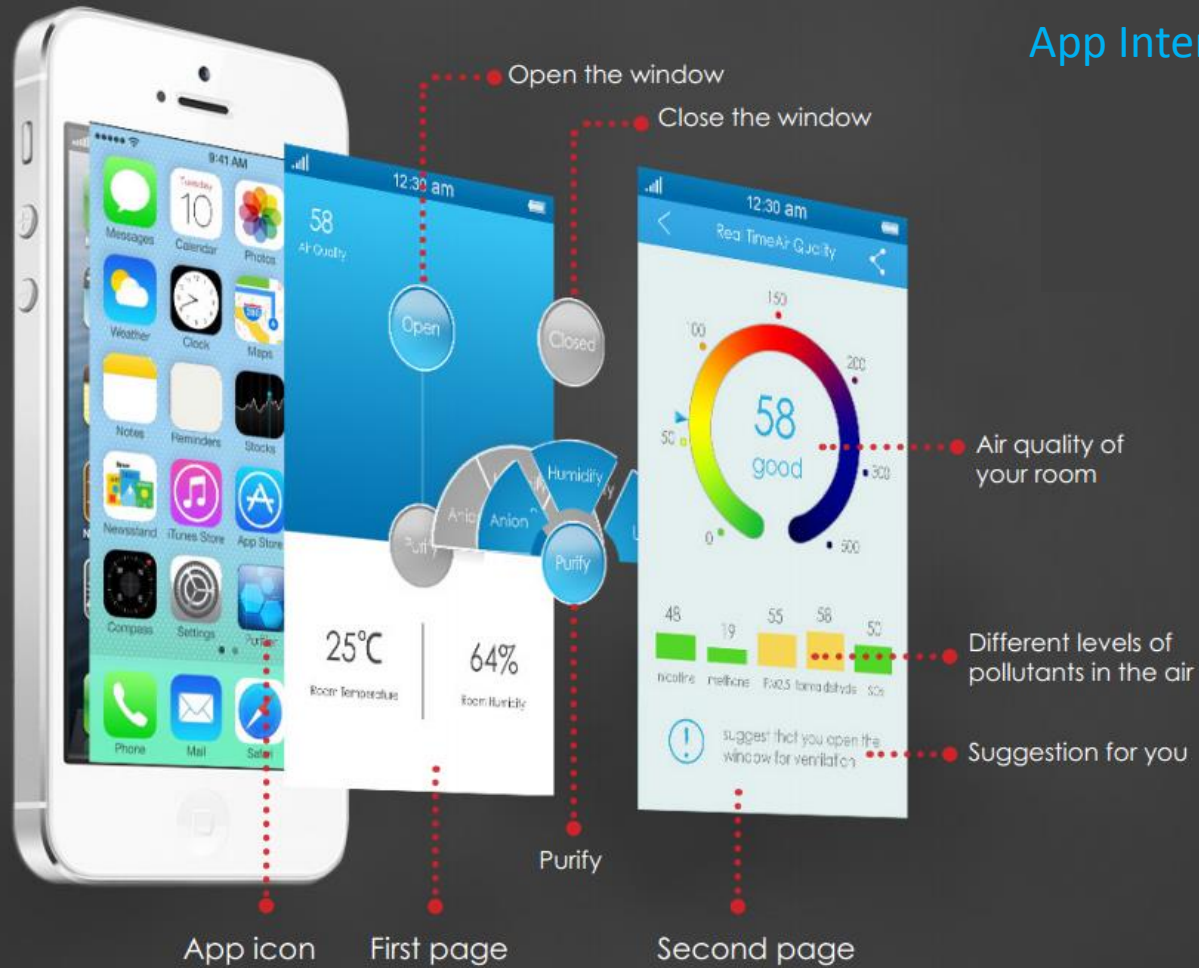
Sink



The inclination of the bottom makes it stay still in the frame rather than falling out



App Interface Design











Thank You



Window Purifier

Snow

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