

Categorie Premio

Accessibilità

Sostenibilità

Qualità della vita

Product Name

Orbit

Designer

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Description of innovation social values

- product category
- formal and functional features
- problems solved by innovation
 - user
- field of application

Description of technical features

- operations
- technology

Dimensions

Materials

Certifications

Benefits for environment

Benefits for human being

ORBIT

The appliance cleans garments using no soap, no water, no noise, and a major bonus - completes in a matter of minutes.

Named Orbit, the design consists of an outer ring comprised of large batteries that levitate an inner glass and metal spherical basket that holds the garments.

Laundry basket, washing machine and dryer integrated.

1. Put your dirty linen directly inside the spherical drum, no matter where you are.
2. Place the drum inside the ring and choose your program.
3. Live the experience of a new type of cleaning.
4. Walk away with clean and dry clothes few minutes later.

Liquid nitrogen is used to super-cool the basket allowing it to become superconductive. The batteries in the outer ring create a magnetic field, allowing the basket to levitate. Inside the sphere, dry ice is turned instantaneously from its solid form to a gas -- carbon dioxide -- and is blasted at the clothes.

Known as cryogenic cleaning, the CO2 breaks down dirt particles which are filtered out through a tube. The CO2 is sucked back into the sphere and re-frozen for future use.

Completely off the grid, the appliance requires no power as the batteries are re-charged by energy captured from the levitating basket.

Outer ring= 640mm

Spherical basket = 320mm

Shatterproof glass, Superconductive metal, Ceramic, ABS.

For Home

Save water, use no soap or chemicals, self sufficiency system

Save room into the living space, make no noise, save time by being faster than the actual process