



Thinking of you
Electrolux

1. 3F

Country: France

Designer: Germain Verbrackel

University: Industrial design, EDNA (Ecole de Design Nantes Atlantique), France

Submission: <http://electroluxdesignlab.com/en/submission/3f-vacuum-cleaner/>



The name of this appliance 3F stands for Form Follows Function. This is an appropriate name, since the physical body of this vacuum cleaner can change form and expand to suit the task required. The inspiration for this product comes from ballet dancing: while at work it resembles a skirt, floating gracefully over your floor. Whether used in compact or wide mode, it is a vacuum cleaner providing efficiency, smartness and empathy to the user. 3F will not only save you time and space, but will also surround you with cleanliness and fragrant scents of your choice.



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2. Breathing Wall

Country: Korea

Designer: Jeabyun Yeon

University: Product Design, SADI University, Korea

Submission: <http://electroluxdesignlab.com/en/submission/breathing-wall/>



Breathing Wall is a wall integrated air cleaning concept for people who live in urban areas and want to relax and rest in a home with fresh air. The design concept is inspired by the gills of a fish and their movement when the fish breathes. This inspiration is transformed to a wall mounted integrated solution making the wall change shape according to the air cleaning process. The Breathing Wall can be customized to suit individual needs through six functions; weather, memory, reaction, breathing, mood, and general settings by using a smart device app.



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3. Nutrima

Country: Finland

Designer: Janne Palovuori

University: Industrial Design, Helsinki Metropolia University of Applied Sciences, Finland

Submission: <http://electroluxdesignlab.com/en/submission/nutrima/>



Nutrima is an appliance which calculates the nutritional values, possible toxins and freshness of your food and ingredients. The appliance is foldable, easy to bring along and supported by an app which maps your experiences and gives tips of resellers with high quality ingredients. Nutrima helps you to find healthy food and eat in a healthy way and share this exploration with others; it is also a social experience over healthy food, with the chance of making an impact on the local, urban food market.



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4. Cellular Pillow

Country: China

Designer: Qing Ji

University: Undergraduate, JiLin Animation Institute, China

Submission: <http://electroluxdesignlab.com/en/submission/cellular-pillow/>



The Cellular Pillow is an air cleaning system and a pillow which refreshes the air around us during our sleep, just like we would be sleeping in the forest. People desire to be closer to nature and the pillow you sleep with is one of the objects closest to you. The pillow consists of numerous cell containers with aloe cells, which clean bacteria and release oxygen, allowing you to breathe fresh air in your sleep and wake up refreshed and relaxed.



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5. Music Yue

Country: China

Designer: Jiawei Huang

University: Shenzhen Institute of Technology , China

Submission: <http://electroluxdesignlab.com/en/submission/music-yue/>



Music Yue is a noise converter, solving the stressful noise pollution problem in urban areas. This noise converter can absorb noise, detect recurring rhythmic noise and transform the noise into a comfortable voice or even music, which is then released into the air enabling us to live in more peaceful and calm environments. The design inspiration of this noise converter comes from the tuning fork, which is composed of U converter and the base.



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6. Atem

Country: Poland

Designer: Małgorzata Blachnicka

University: Industrial Design, Jan Matejko Academy of Fine Arts, Poland

Submission: <http://electroluxdesignlab.com/en/submission/atem/>



Atem is a breathing window panel which opens your space to the outside world. It provides constant air circulation by letting in only clean air, balancing the air temperature according to your needs and creating an ambiance to your home. Atem does not clean air but evaluates its quality and opens and closes air passages of the membrane panel. The system can be controlled through a control station and an app.



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7. OZ-1

Country: Singapore

Designer: Wei Kiat Law

University: Major in Product Design, School of Art, Design and Media, Nanyang Technological University, Singapore

Submission: <http://electroluxdesignlab.com/en/submission/cigarette-smoke-remover-oz-1/>



OZ-1 is a portable air purifier and stress reliever all integrated in a fashion piece. While showing their fashion style, the user can choose to personalize the device with different cover design to match their clothing. OZ-1 has a secondary function of emitting scent which serves as aromatherapy helping user in stress relieving during the purification. User can choose to be more discreet by hiding the device under the collar with the integrated clip found at the back of the device.



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8. Kitchen Hub

Country: Spain/Italy

Designer: Francisco Barboza Grasa

University: Mechanical engineering degree and Master in Advanced Design, IED Turin, Italy

Submission: <http://electroluxdesignlab.com/en/submission/kitchen-hub-smart-eating/>



Kitchen Hub is a device designed to help the family eat better, healthier and to reduce food waste. The food stock app controlling information of the ingredients you have at home is the core of it and the rest of apps are a logical consequence. In addition it has stored the individual diets of the family, has a stock of recipes and a shopping assistance function. The smart stand-ring can be easily used in the kitchen as it can be cleaned by washing and the information travels with you also in an app.



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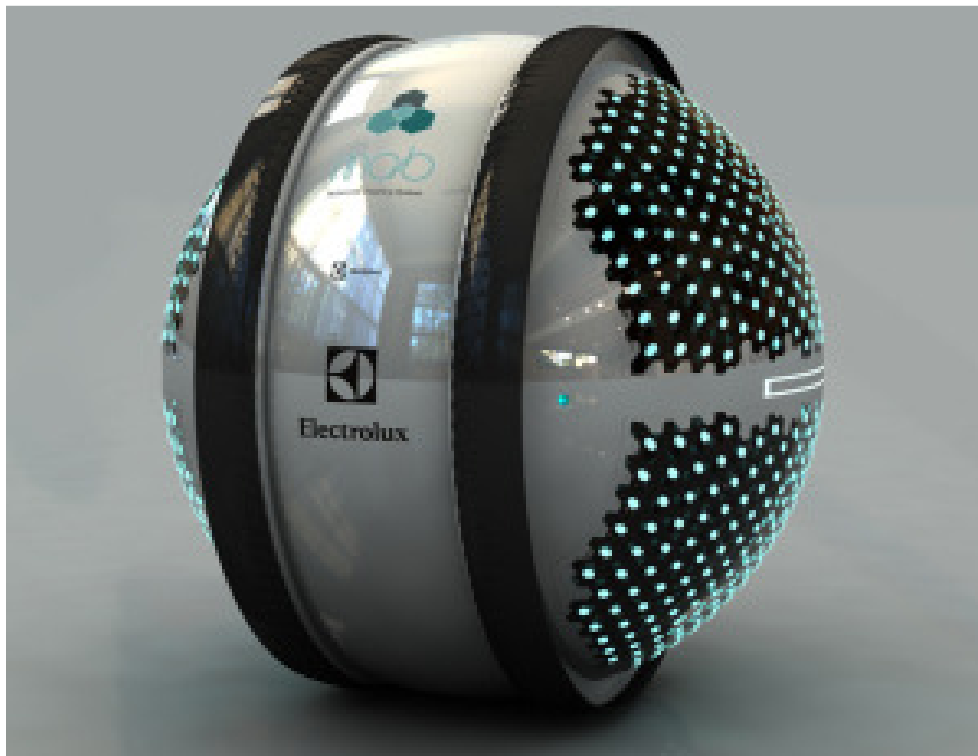
9. Mab

Country: Colombia

Designer: Adrian Perez Zapata

University: Universidad San Buenaventura Medellín and Universidad Pontificia Bolivariana, Colombia

Submission: <http://electroluxdesignlab.com/en/submission/mab/>



Mab is an automated cleaning system consisting of hundreds of flying mini-robots which will clean all surfaces giving magic to daily activities. Mab will scan and clean up the house using the flight of the mini-robots, will also determine the areas in which the house is divided to run custom cleanings. The mini-robots clean surfaces with a drop touching and trapping the dirt particles, ensuring maximum cleaning. The design language has been designed to be elegant and neutral thus fitting various types of homes.



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10. Ohita

Country: Mexico

Designer: Jorge Alberto Treviño Blanco

University: Industrial Design Student , Universidad Autónoma de Nuevo León, Mexico

Submission: <http://electroluxdesignlab.com/en/submission/ohita/>



Ohita is an air cleaner with a modular kinetic sculpture structure. The appliance modules can be placed to your home and decorate the environment, but they are also wearable accessories you can take with you as you leave your home and carry around you in the city to protect you from breathing bad air. The Ohita air cleaner comes in various colors to suit individual taste. Connected to an app, you can save memories of the air in your favorite places.



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11. Harvest Matching

Country: Taiwan

Designer: Ke chang-han

University: Technology school, National Yunlin University of Science and Technology, Taiwan, Province Of China

Submission: <http://electroluxdesignlab.com/en/submission/share-stick/>



Harvest Matching it is an easy and fun way to monitor how your plants are growing and becoming ripe as well as inviting friends to cook together. Growing your own plants is a growing trend in the cities and Harvest Matching enables this interest to become more efficient and social. The appliance monitors and analyzes plants and as they become ripe it suggests and organizes a dinner party. The energy for the appliance comes from solar energy and the functions can be controlled with an app.



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12. Global Chef

Country: Sweden

Designer: Dawid Dawod

University: MA Advanced Product Design, Umeå Institute of Design, Sweden

Submission: <http://electroluxdesignlab.com/en/submission/global-chef/>



Global Chef is a kitchen appliance that brings people together all across the world by using laser hologram technology and is thus also a strong visual experience for cooking. With the help of the appliance you can cook with your loved ones or take cooking lessons from top chefs. The appliance analyzes food, has a motion detection camera and can project holograms 360° around itself. The main influence of this concept is the growth of single households in densely populated and developed urban areas. People are interested in cooking and want to develop and share their experiences and this cooking aiding and connecting appliance enables creating that connection and encourages to creativity.



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13. SEAbreeze

Country: Hungary

Designer: Fanni Csernátony

University: MA in product design student, Moholy Nagy University of Art and Design, Hungary

Submission: <http://electroluxdesignlab.com/en/submission/seabreeze/>



SEAbreeze is an indoor air quality control system works with seawater and provides clean, salty air, drinking water and a mild breeze in the room. The appliance works as dehumidifier and a humidifier, which evaporates seawater with positive health impacts. Besides clean, salty air and drinking water SEAbreeze also generates the relaxing atmosphere of a seashore for your perfect wellness at home.



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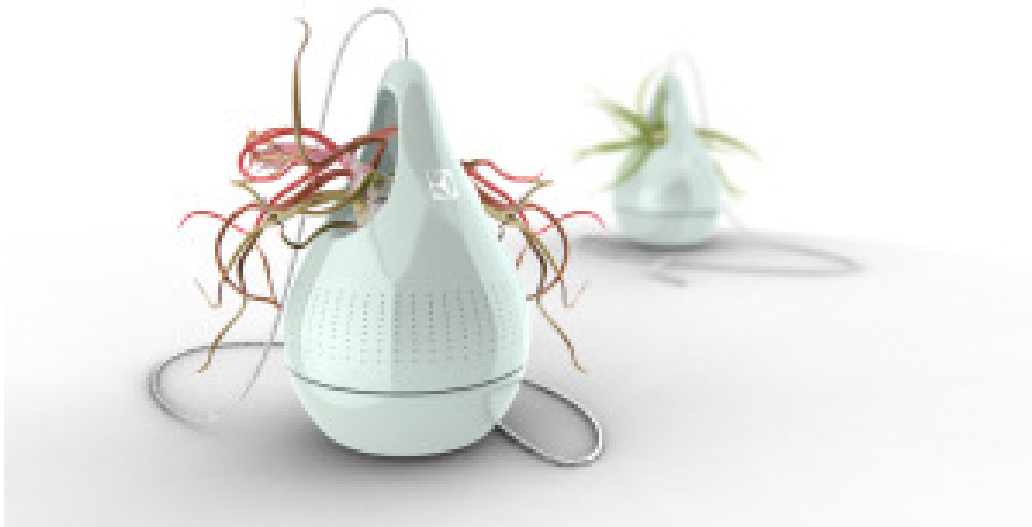
14. Air Drop

Country: US

Designer: Jillian Tackaberry

University: BFA of Industrial Design, University of Illinois at Chicago, United States

Submission: <http://electroluxdesignlab.com/en/submission/air-drop/>



The Air Drop is an air cleaner which uses plant purification for harmful gasses and filter purification for dust and other particles. The Air Drop solar powered air filtration system uses sunlight for energy like plants. The Air Drop makes filtered air more convenient for the city dweller by being hung from the ceiling instead of taking up floor space. Intended to be kept in sight as both a functional and decorative piece, the Air Drop has a high level of self sufficiency, as air plants only need the occasional soak in water.



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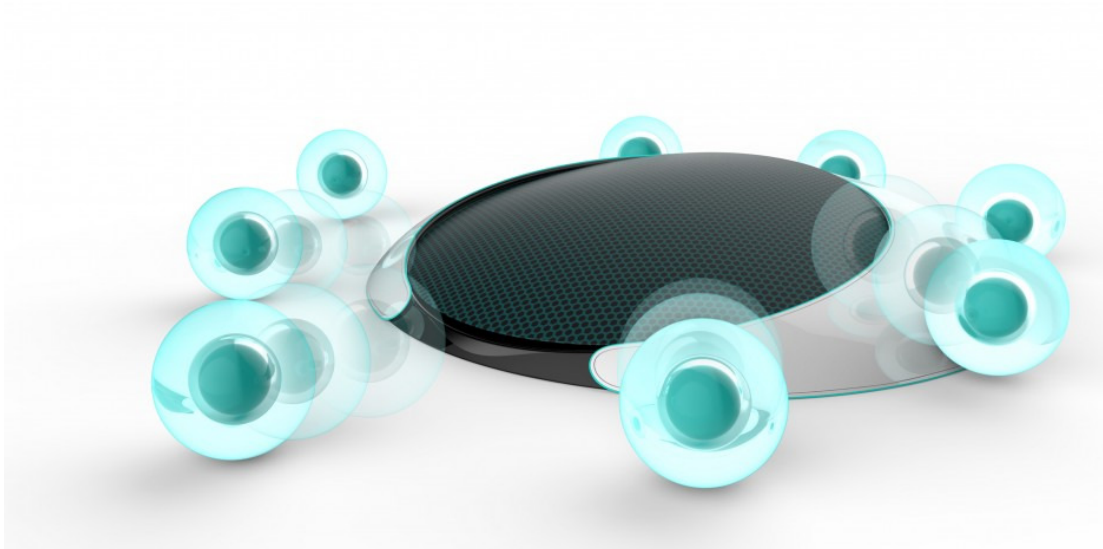
15. Jell Balls

Country: Korea

Designer: Juan Lee

University: SADI University, Korea

Submission: <http://electroluxdesignlab.com/en/submission/jell-balls/>



Jell Balls is a cleaning appliance to Hoover up dust using jell surface tension principle for eight jell surfaced balls which roll around a space which is to be cleaned. The main body of the appliance analyzes the space, makes the cleaning strategy and the jell balls clean. Jell Balls can clean every corner and confined space of the house because of it's small size and its flexible and moldable form. The appliance is very effortless as it can clean even watery places like the bathroom and kitchen because the gelatin surface in the appliance does not react with water at all.



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16. Orbita

Country: Spain

Designer: Natalia Aguado

University: Product design, Escuela Superior de Diseño de la Rioja, Spain

Submission: <http://electroluxdesignlab.com/en/submission/orbit/>



Orbita is a cleaning appliance making use of the energy created by body movement as energy source of the appliance. This enables you to spend your time doing more desirable things than cleaning and use your energy to clean your house at the same time when exercise, for example. The appliance can be controlled by an app and levitates in the air by the use of powerful fans. With a help of a detector system, the appliance cleans only in places where it is dirty thus also saving energy.



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17. Atomium

Country: Brazil

Designer: Luiza Silva

University: Bachelor of Design, Federal University of Technology- Parana, Brazil

Submission: <http://electroluxdesignlab.com/en/submission/atomium/>



Atomium is a 3D printer that uses molecular ingredients to construct food layer by layer. The product helps children prepare their own food in a fun way, it turns the moment of eating into an enjoyable, creative and healthy activity. The child can draw the shape of the food they would like to eat, show it to the appliance, which then detects this information and prints food in the desired shape as well as choosing molecular ingredients to construct nutritional balance for user's body, thus also making eating healthier.



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18. Hand Tree

Country: Russia

Designer: Alexandr Kostin

University: Higher education, Vladimir State University named after Alexander and Nikolay Stoletovs, Russian Federation

Submission: <http://electroluxdesignlab.com/en/submission/hand-tree/>



Hand tree is a personal air purifier concept, which is cleaning and filtering the air around us with a wearable appliance accessory. Working at a principle of plants it takes the dirty air and returns purified one creating its own atmosphere around a person filling it with perfume fragrance of anyone's choice. Because it is a portable accessory, it is a good companion when walking around in a polluted city environment.



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19. Coco

Country: Latvia

Designer: Kristīne Bula

University: Design Faculty/ Department of Environmental Art/ Master Program/ 1st Year, Art Academy of Latvia, Latvia

Submission: <http://electroluxdesignlab.com/en/submission/coco/>



COCO is an air cleaner which is inspired by nature as it creates an atmosphere of a meadow freshness at your urban house without consuming electrical energy. The forces of integrated magnets create a slight movement of gathered COCOs. To function COCO uses movement, natural aromas and the user's responsible attitude to the surround environment. Inspired from cocoa fruit that covers aromatic beans, COCO air purifier has a shell and changeable aroma and air cleaning capsules inside.



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20. 2D Kitchen

Country: Netherlands

Designer: Ermi van Oers

University: Product design, Willem de Kooning Academy, Netherlands

Submission: <http://electroluxdesignlab.com/en/submission/2d-smart-kitchen/>



The wall mounted 2D Smart Kitchen with a full set of kitchen appliances automatically prepares your meals. It gives you more space, more time for each other and makes you a perfect cooked dinner. The entire wall is an interactive touch screen. It will let you choose recipes and show you the ingredients. All the doors of the machines are made from illuminated glass. On the touch screen wall you can adjust colors and brightness levels to suit your mood.

For further information, please contact: Electrolux Press Hotline, +46 8 657 65 07.

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