

# BELIEVE IN SUSTAINABILITY

THINK AHEAD.  
ENERGY EFFICIENCY AND  
COMFORT ARE POSSIBLE  
AND NECESSARY.  
IT'S WORTH IT.



# BELIEVE IN SUSTAINABILITY

Ariston Thermo has placed **energy efficiency** at the heart of its **sustainable growth strategy**. Sustainable and efficient products, solutions and processes can make a decisive contribution to reducing energy consumption and environmental impact without sacrificing comfort.



## 2018 | FACTS & FIGURES



OF REVENUES GENERATED FROM HIGHLY EFFICIENT AND RENEWABLE SOLUTIONS



ENERGY EFFICIENCY INDEXES



CERTIFICATION AT CORPORATE LEVEL



FUTURE-PROOF TECHNOLOGIES: ENERGY EFFICIENCY FROM PLANTS TO PRODUCTS



OVER 200 MLN VIEWS OF THE CAMPAIGN WORLDWIDE



SUPPORTING LOCAL COMMUNITIES SINCE 1963

## ROAD TO 2022

>80% OF REVENUES GENERATED FROM HIGHLY EFFICIENT AND RENEWABLE SOLUTIONS

>3 MILLION TONS OF CO<sub>2</sub> EQUIVALENT AVOIDED THANKS TO OUR MOST EVOLVED TECHNOLOGIES

BRINGING COMFORT WHERE IT IS HARD OR IMPOSSIBLE TO FIND

## OUR STORIES

### COMMITTED TOWARDS ENERGY-EFFICIENT SOLUTIONS

Ariston Thermo Group has developed a range of highly efficient products that allow for a significant reduction in CO<sub>2</sub> emissions while maintaining comfort and performance. The Group has estimated that their most evolved technologies will allow to curb carbon emissions by more than 3 million tons by 2022.



### FUTURE-PROOF TECHNOLOGIES

**One Series** is Ariston's newest generation of **condensing boilers**. Its technology provides reliable endurance performances over time for the best comfort at home, every day. **Improved and constant heating performance** is assured by a new heat exchanger design. Efficiency and performance are enhanced up to **A+ Energy Class**. A new generation of **connectivity systems** can be easily set up, managed and controlled, allowing continuous technical support and a greater annual energy saving.

**Nimbus Net** represents the ultimate connected solution for heating, water heating and cooling. The innovative **Energy Manager Technology** handles the entire hardware and software system to ensure stable performance **at any outdoor temperature** and the lowest noise level in its class. Thanks to the innovative **heat pump technology**, Nimbus Net guarantees efficiency, comfort and energy saving. It is equipped with the **Sensys Net system** interface to control up to 6 zones of the house simultaneously with one single device.



One Series



Nimbus Net

With ErP Ecodesign NOx legislation set to change in 2018, ELCO Heating Solutions is committed to ensuring that all gas condensing boiler models outperform the current minimum standards, as shown by **ELCO TRIGON® XL** floor standing boiler, awarded with a **Class 6 NOx rating** due to emissions as low as 34mg/kWh. This is combined with an optimised combustion system and stainless-steel heat exchanger to provide **reliable and robust lifetime performance**, while also offering gross seasonal **efficiencies of up to 97.5%**.



### SUSTAINABILITY BEGINS AT PRODUCTION SITES

- Over 10,000 tons of CO<sub>2</sub> equivalent avoided thanks to energy efficiency in our production processes
- LED lighting in areas dedicated to production in most production sites
- Energy-efficient equipment and machines such as compressors and burner motors
- Revamping of the entire compressed-air network
- Counters and sub-counters for the monitoring of single energy carriers
- Co-generation plant at Genga production site where heat generated by the cooling circuit is further recovered for heating the degreasing water, resulting in a 5% reduction of CO<sub>2</sub> equivalent tons

### BRINGING COMFORT EVERYWHERE, EVEN WHERE IT'S HARD TO GET IT

In this fast-growing world, at some point in life, everybody longs for a place to feel settled and comfortable, where being able to take new decisions and move on. **Everyone has their own idea of comfort although it might come in different forms, but comfort is what everybody yearns for, no matter the idea.**

**Ariston Thermos's challenge is to give everyone the comfort they need.**

In **Romania**, the Group has developed a partnership with the **Red Cross** to give electric water heaters to those in need all over the country.

In September 2018, the devastating earthquake on Sulawesi island, **Indonesia**, caused 2,256 victims, 235,911 refugees and 74,978 destroyed homes. Ariston Thermo intervened to support the local community, building temporary accommodation and supplying residents with basic necessities and food.

#### OUR PARTNERSHIP WITH THE RED CROSS IN ROMANIA

**413**  
ELECTRIC  
WATER HEATERS  
INSTALLED

**250**  
BUILDINGS  
PROVIDED  
WITH HEATERS

**32,000**  
PEOPLE  
BENEFITTING  
FROM  
THE PROJECT

**3**  
ROMANIAN  
ATHLETES  
INVOLVED AS  
SPOKESPERSONS

### NO CHALLENGE IS TOO BIG TO MAKE THE WORLD A MORE COMFORTABLE PLACE

Three Ariston installers have faced harsh temperatures, adverse weather conditions and inadequate infrastructures to build the **Ariston Comfort Zone ON Disko Island, Greenland**. The project, in partnership with the **University of Copenhagen**, aimed at providing thermal comfort to researchers studying soil samples in their quest to make fundamental discoveries on climate change. The challenge was made harder by the need of providing thermal comfort in winter time, the most important time of the year to collect new data on the island, when **low temperatures make it impossible to spend more than a few days on site**. The team successfully built a modular house equipped with Ariston's most advanced and efficient technology, designed to optimise sustainability and withstand the most extreme weather conditions.

#### ARISTON COMFORT CHALLENGE: AN EPIC ADVENTURE

**18 MONTHS** UP TO **-40°C**  
THE PROJECT DURATION THE TEMPERATURE ON DISKO ISLAND

**MORE THAN 200 MLN VIEWS** **2 MONTHS**  
OF THE CAMPAIGN NEEDED FOR THE ARISTON COMFORT ZONE TO REACH DISKO ISLAND (MAINLY IN ITALY, SPAIN, RUSSIA, CHINA AND ROMANIA)



### ARISTIDE MERLONI FOUNDATION

In 1963, **Aristide Merloni**, well-known manufacturer in the gas cylinder business, decided to actively engage in promoting the economic development of **Fabriano**, where his production site was located, and of the entire area of the **Marche Apennines**. For this purpose, Merloni established the **Aristide Merloni Foundation**.

In the aftermath of the earthquake that struck Central Italy in 2016, Aristide Merloni Foundation felt compelled to support the local community. With the contribution of UNESCO, the Foundation promoted "**RINASCO - Salvare l'Appennino**", a project to enhance the resources still present in the area and reorganise communities through

the development of digital knowledge and technologies. Since 2015, Aristide Merloni Foundation has built a strong partnership with **UNESCO**. The partnership between the Foundation and UNESCO contributed to two new achievements in 2017, when UNESCO nominated **Maria Francesca Merloni** as UNESCO Goodwill Ambassador for Creative Cities. Furthermore, **UNESCO selected Fabriano as the host city for the XIII UNESCO Creative Cities Conference 2019**, a yearly global event where 180 member cities of the network meet and exchange best practices. In 2019, the conference will revolve around the topic of "The Ideal City".