



**Every day we allow  
the world to benefit  
from water.**

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COMPANY

**There is no technology  
more advanced than  
creating well-being  
for people.**



#### THE SHARD, LONDON

Once at the top of the Shard, the tallest skyscraper in Europe, you will see London as you have never seen it before. A true vertical city designed by Renzo Piano, the building reshapes the city skyline and serves as an inspiration for change. The panoramic platform - split between floor 69<sup>th</sup> and 72<sup>nd</sup> - where visitors enjoy unparalleled 360 degree views for up to 40 miles, features Giacomini underfloor radiant systems.



**We supply innovation  
inspired by everyday life.**

In the future that awaits us, buildings will be less of a “roof over our heads”, and more places that are vital to our health, our personal and professional relationships, our well-being and the one of our planet.

As such, they will become more than just buildings - they will increasingly become environments in which light, temperature and water will be used with greater intelligence and an increased sense of responsibility.

In such a scenario, our mission is to **become a leading company in the production of components and systems** that use water to produce comfort, to manage its usage “in situ” and to extinguish fire. All of this with a strong green attitude.

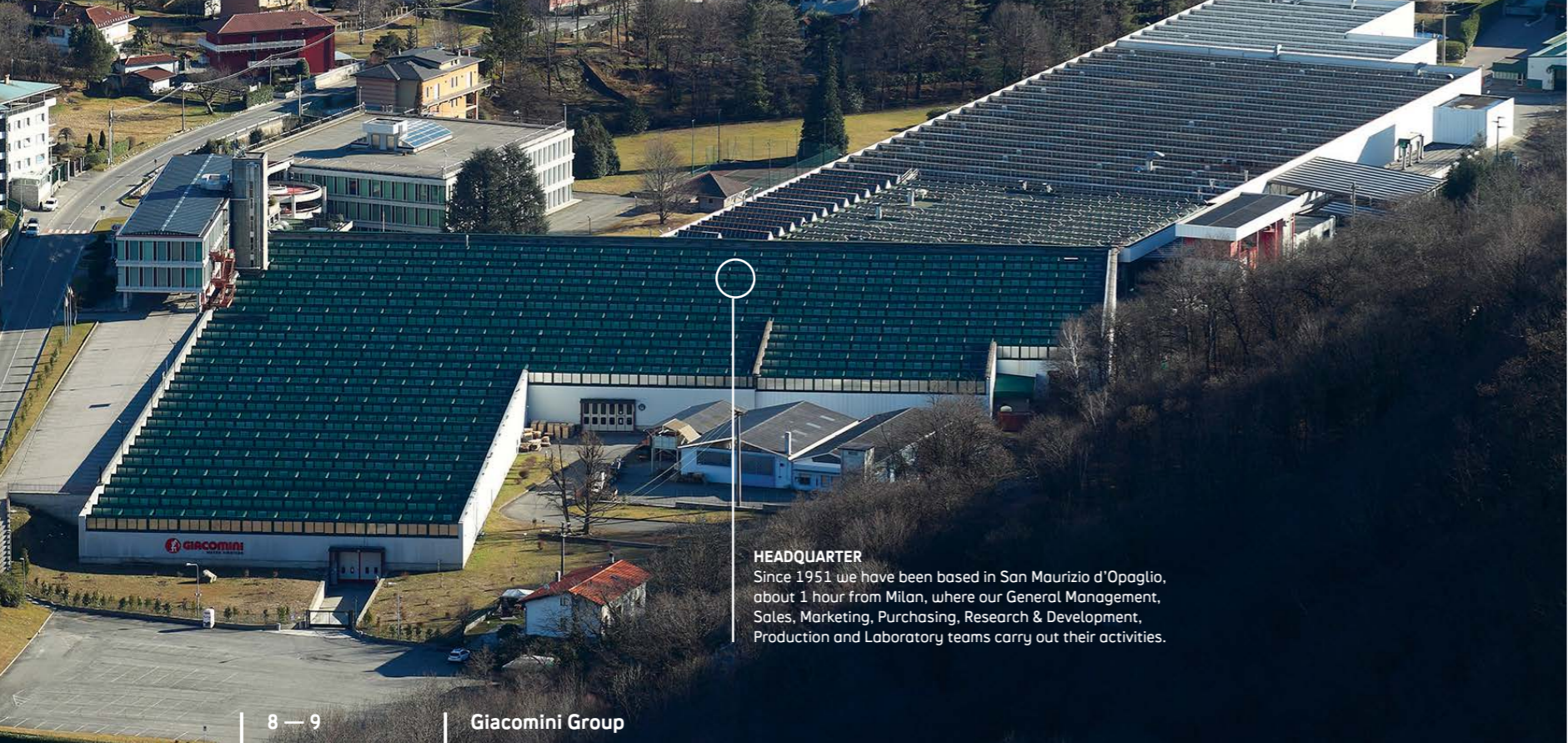
Our products give **life to water**, in order to provide **useful services** and **well-being to people**. For this reason, our motto is: “**WATER E-MOTION**”. At home, in the office, at work and wherever water flows, is heated or is cooled - there is a Giacomini product.





**Our passion never  
stops growing.  
Just like our Group.**

About **€ 170 million** in revenue, more than **80%** of it coming from foreign markets, with **3** Italian production facilities, **18** international subsidiaries, **900** employees and **70** tons of brass processed each day. These are some of the **most important numbers regarding our group**, and we now rank among the world leaders for the production of heating, cooling and domestic hot water distribution components and systems, for use in residential, industrial and commercial settings.



**HEADQUARTER**

Since 1951 we have been based in San Maurizio d'Opaglio, about 1 hour from Milan, where our General Management, Sales, Marketing, Purchasing, Research & Development, Production and Laboratory teams carry out their activities.

2012 was a time of important decisions for our future. In 2012, we decided to introduce a new governance system. The new Giacomini is founded upon the personal commitment of shareholders and representatives, together with the contribution of a committed, competent, forward-looking management team.

The generational shift has been accompanied by a profound organisational renewal, founded on the principles of merit, professional capability and a shared sense of ownership vis-à-vis the company. Doing good for our clients, for Giacomini's and its employees - this is the company's commitment.





**We cultivate our future to strengthen yours.**

The constant strive for innovation is the core of our company's approach to business.

### OUR PHILOSOPHY

This quote accurately sums up the philosophy behind our approach to innovation and research. We believe that an ongoing focus on the creation of new products, technologies, services and

markets is the key ingredient to make any company thrive. On top of that we strongly believe that successful innovation can only be founded on the enhancement of the roots making us who we are.

**Building the future is much less risky than defending the past P. Ducker**

This has always been our approach to innovation and cutting-edge research and development.

### GOALS FOR THE FUTURE

In the coming years our effort in research and innovation will be further enhanced, thanks to the launch of new products, the investment in new modular and flexible production machinery, the transition to fully eco-responsible components, the industrialization of technology based on hydrogen, an area in which we are already at the forefront. In addition to this, in order to enhance our ability to innovate we have initiated partnerships with

internationally renowned research centers such as the Fraunhofer Institute in Germany, the PSI in Zurich, the University of Geneva, the Polytechnic of Milan and Turin, the Universities of Milano-Bicocca and Palermo.

Our Group is focused on the future, we work with a long-term perspective and a go-getter attitude, to constantly improve in the interests of our customers.





**We usher you to a world of water and energy efficiency.**

Skills and professional approach for a true added value.

**TRAINING FOR PROFESSIONALS**

We want the **Giacomini Academy** to be a place where ideas can be exchanged between our company and our partners, creating a source of mutual enrichment, stimulating a drive for continuous improvement.

We believe that sharing knowledge is fundamental to progress. For this reason, we created the **Giacomini Academy**, to allow our employees and customers to enrich their knowledge fully acquainted with our product range.

In order to achieve this, we provide qualified and experienced trainers who combine technical expertise with a keen sensitivity to commercial aspects and to market requirements.

In addition to focusing on providing key information on our sites and business activities, our seminars also address new market trends, the latest technologies and the current laws and regulations that affect our industry.



**GIACOMINI PRODUCTS**

**A new generation  
of emotional technology.**







### DIRECT ENERGY METERING

To ensure greater efficiency for the building/system and the reduction of polluting emissions, the centralised heating system is once again becoming popular in the new condominiums. Each condominium, however, wants to manage ON/OFF times and comfort temperatures autonomously, paying only for what has actually been consumed.



### INDIRECT ENERGY METERING

Even in “upright or vertical column” distribution systems, heating costs can be allocated on the basis of real consumption, to respect the European directives and national regulations regarding the energy requalification of buildings.

Our enthusiasm for energy has been with us right from the start. It even comes out in our corporate colour, “energising” red, and our motto - WATER E (energy)-MOTION. For Giacomini, energy management means components for energy consumption optimisation and metering, and for the distribution of hot and cold fluids.



### COMPONENTS FOR RADIATORS

The most traditional device for heating a room - the radiator - has always been able to rely on Giacomini components. We’re universally recognised as specialists in the manufacture of valves, lockshield valves, thermostatic heads, and all the other accessories involved in the operation of any heating element.

#### GRAN DELUXE, MOSCOW

Located at the heart of Moscow, the Gran Deluxe residential complex houses elegant and prestigious apartments designed to provide top-notch comfort. The project features Giacomini multiuser modules for heating/air-conditioning that allow easy management and maintenance.



Every day we throw all of our energy into making your energy more valuable.







### **BOILER ROOM COMPONENTS**

Modern buildings have to guarantee operating continuity, easy maintenance, and low management costs; that's why even heating systems have to offer optimum safety and reliability, and fully meet the legislative and prescriptive regulations. To satisfy these needs beginning right in the heart of the system, the boiler room, we have a complete range of components for ensuring excellent control and energy efficiency.



### **CIRCUIT BALANCING**

With hydronic balancing, the system can be easily controlled to ensure that all the components are working well over time, and to guarantee excellent performance levels in terms of energy efficiency and reliability.



The result is a perfectly balanced system able to ensure the correct heating or cooling power, with quiet operation and a long working life for the main system components.

### **COMPONENTS FOR DISTRIBUTION LINES**

Regardless of its economic value and its size, each component of an optimised system must offer the maximum reliability.

This is why, with our range of pipes, fittings, manifolds and shut-off valves, we want to ensure not only constant performance levels but also absolute peace of mind throughout the working life of the system.





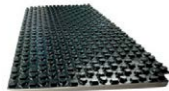
**Radiant systems.** Radiation is the most natural physical principle to transfer thermal energy for the purpose of heating and cooling. It is therefore more respectful of the health and well-being of the person. Our radiant systems are all inspired, by this principle. They are all designed and produced completely by us.

**We share comfort with a high level of well-being.**



#### **RADIANT FLOORS AND WALLS**

With the underfloor radiant system, every square metre can be used to achieve an ideal interior air conditioning. It has now been demonstrated that radiant panels provide the human body with **decidedly superior living comfort** compared to the traditional heating systems. The pleasant sensation of well-being, the constant and uniform temperature in the various rooms and the lack of convective changes make the atmosphere ideal and hygienic with a **limited energy impact** thanks to the lower temperature of the water being delivered.



#### **RADIANT PLASTERBOARD CEILINGS**

Behind the appearance of a normal plasterboard ceiling are hidden active radiant elements which form an innovative radiant system with water, ideal for winter and summer air conditioning, and capable of combining well-being and energy savings.



**PORTA NUOVA, MILAN**  
Stefano Boeri's out-of-the-box 'Bosco Verticale' translates in English as 'vertical forest'. The project is a total break-through for the city of Milan, a brand new way of living the home for Italy. It includes two landscaped towers that between them contain 113 apartments offering extensive and unique views across the city. The buildings, with its over 1,000 different species of trees and plants, are heated and cooled thanks to Giacomini radiant systems.



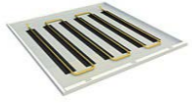


**EXCHANGE BUILDING, VANCOUVER**

The Exchange combines European technology with a West Coast aesthetic to create a unique working environment in downtown Vancouver. The project, a bold renovation of the old stock exchange building, features a Giacomini radiant heating and cooling modular ceiling. It was awarded the LEED Platinum certification for heritage restoration.

**METALLIC RADIANT CEILINGS**

Tertiary sector buildings (offices, hospitals, airports, commercial, spaces, school buildings) often include a radiant ceiling above which systems and service networks can be installed. Making this ceiling the principal element of the air conditioning system makes it possible to optimize its cost and, especially, to benefit from all the advantages offered by radiant technology: considerable comfort and environmental healthiness, consistent energy savings, maximum architectural freedom and enhancement of the surfaces and volumes of the building.



**THERMOREGULATION**

Regarding environmental thermoregulation, the requirements of designers, installers and the actual customers have become increasingly higher over the years. More appropriate climate comfort, considerable savings in energy consumption, optimised maintenance and greater safety are now required in every type of building, from residential to tertiary. To allow all this, we offer innovative thermoregulation systems, developed based on the most current technologies and focused expressly on the climate regulation of radiant systems for heating and cooling.



**AIR TREATMENT FOR RADIANT SYSTEMS**

Comfort means also air quality and healthiness of the rooms, where we spend a large part of our time. In modern buildings, that are more and more airtight for energy saving reasons, it is essential ensuring an appropriate air renewal and to check the hygrometric conditions. In combination with our radiant systems, we make available machines that are expressly constructed for the control of humidity during summer, for the forced air renewal of the room and for the recovery of heat.





Water has always been our passion. Our logo, a woman pouring water from an amphora, our motto **WATER E-MOTION**, are there to prove it. It is a water which, cold or hot, represents an increasingly precious resource: we distribute and manage it with the goal of protecting the health, safety, and provide savings to the end user.

**The best thing we do  
with water is bringing it  
into everybody's life.**



#### COMPONENTS FOR DOMESTIC WATER DISTRIBUTION LINES

To distribute drinking water, our most precious resource, we provide hygienic and high quality system which meet the highest standards both nationally and internationally. Pipes, connections, manifolds, and shut-off valves: everyone needs to create the perfect system in the construction and restoration of any building. Systems with maximum hygienic safety, reliable and easy to install, to guarantee a long-lasting supply of drinking water.



#### DEVICES FOR PLUMBING AND DRAINAGE SYSTEMS

The management of a precious asset such as drinking water requires, in addition to safe and efficient lines of distribution, also **specific devices that optimise its consumption and protect both the domestic system and the public supply network**. Pressure reducing valves, backflow preventors, thermostatic mixers are some of the products that can enhance modern plumbing and drainage systems.







### MULTIGAS DISTRIBUTION SYSTEM

**Multigas** is the result of our lengthy experience in the production of articles for the chased distribution of fuel gas in the domestic environment. This system takes full advantage of the peculiarities of **multilayer pipes** - the unquestionable stars of the system range in recent years. Apart from pipes in various diameters, the system also includes a **vast assortment of multipress fittings** as well as **other specific components for gas distribution**.

We are good at **managing fluids**, including those with a certain degree of risk, like gases. We have put this skill to good use, developing products and distribution systems able to safely and quickly convey gases for heating buildings.



### GAS DISTRIBUTION COMPONENTS

We have established a precise market positioning in the fluid distribution field, in particular with regards gases and liquid hydrocarbons. We are a distribution partner and solid reference in the industry, thanks also to the specific technological solutions developed over the years, with **strict respect of the international standards, reliability and safety** being fundamental requirements.

**We find the safest paths  
to create and channel heat.**





We were born with water, the very symbol of life. That's why we've always been attentive to the **environment** and have developed a range of one-off components and systems for the **renewable sources** sector.

**Our idea of renewable sources is efficiency in harmony with the world.**



#### COMPONENTS FOR SOLAR THERMAL SYSTEMS

Obtaining free energy from the sun by installing a solar thermal system, at the same time ensuring a notable reduction in the cost of your electricity bill. Installing a solar thermal system means making an important contribution to the protection of the environment too, as it helps reduce the emissions of CO<sub>2</sub> into the atmosphere. In addition, investing in solar technology also means giving your home added value.



#### COMPONENTS FOR BIOMASS SYSTEMS

A modern biomass boiler (using pellets, woodchips, wood briquettes or wood waste) is an ecological and cost-effective alternative (or addition) to traditional heating systems using fossil fuels.

For this renewed market trend, we have safety and adjustment devices that guarantee the biomass system can work reliably, efficiently and safely.



Our devices are used throughout the world by contractors specialised in fire protection systems, to guarantee top class systems, reduced installation times and innovative technical solutions.

Our components are used in fire protection systems all over the world, in airports, hotels, hospitals, high-rise buildings, shopping centers and, in general, wherever there are commercial buildings.

Water is still the most effective and cheapest way of fighting fire. We have mastered water, so for over 40 years we've been producing **specialised, top performance components** for the professional sector.



The most important international regulations (UL, FM), not forgetting the type-approval from the most demanding Fire Departments (New York, etc.), bear witness to the technological supremacy of our solutions for traditional systems using water.



**BURJ KHALIFA, DUBAI**

Standing more than 828 meters tall - more than 2,700 feet - and counting 160 storeys, the Burj Khalifa is the tallest man-made structure to date. It breaks all Guinness records: tallest tower, highest number of floors, highest elevator, highest panoramic platform... The skyscraper is the perfect example of extreme applications for our products and systems. Giacomini is featured in the project with the Fire Protection range.

**Innovation to constantly improve people's safety.**







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