

**“OUR
HERITAGE
INSPIRES
OUR FUTURE”**

COMPANY PROFILE



EP0001  06/26

The product data contained in this catalog do not bind Giacomini S.p.A. in any way in the event of technical or commercial changes or printing errors.

Reproduction of the contents of this catalog, in whole or in part, is prohibited without prior written authorization from Giacomini Management.





P. 6

The Giacomini Group

P. 8

Numbers

P. 10

Mission

P. 14

Vision

P. 16

Our Strategy

P. 18

Our story

P. 24

ESG

P. 32

Certifications

P. 36

Academy

P. 38

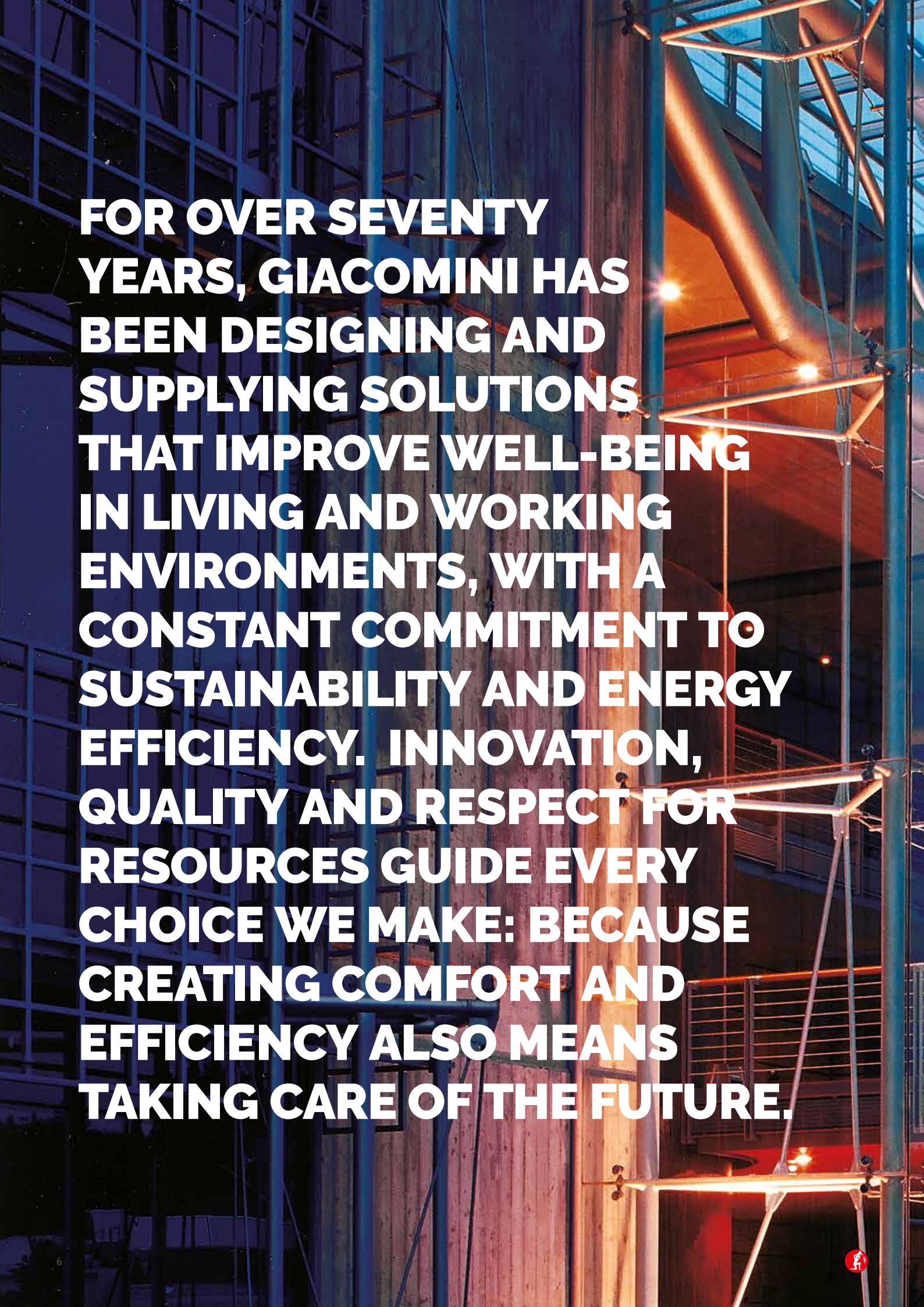
Solutions

P. 42

What We Do

P. 46

References

The background of the image is an industrial interior, possibly a factory or a modern building under construction. It features a complex network of blue-painted metal beams and pipes. A large, curved pipe is illuminated from within, casting a warm orange glow. The scene is lit with a mix of cool blue light and warm orange light, creating a high-contrast, dramatic effect. The text is overlaid on the left side of the image.

**FOR OVER SEVENTY
YEARS, GIACOMINI HAS
BEEN DESIGNING AND
SUPPLYING SOLUTIONS
THAT IMPROVE WELL-BEING
IN LIVING AND WORKING
ENVIRONMENTS, WITH A
CONSTANT COMMITMENT TO
SUSTAINABILITY AND ENERGY
EFFICIENCY. INNOVATION,
QUALITY AND RESPECT FOR
RESOURCES GUIDE EVERY
CHOICE WE MAKE: BECAUSE
CREATING COMFORT AND
EFFICIENCY ALSO MEANS
TAKING CARE OF THE FUTURE.**









Proudly Italian, we are **pioneers in the production of components and integrated systems** for heating, air-conditioning, and domestic water and gas distribution, and committed to serving the residential, industrial and service sectors. Our passion for innovation and respect for the environment inform every choice we make because we firmly believe in pro-actively helping to create a sustainable future.

260 million euros of turnover*. **3** production plants in Italy. **130.000** m² dedicated to production. **900*** employees. **75%** la quota di fatturato export-driven turnover. **18** overseas branches and exclusive partners.

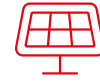


Our mission is
people experience indoor
sustainable, comfortable

With our eyes constantly turned
for homes, workplaces and
three fundamental
living comfort and respect



to transform the way
spaces, making them **more**
and **energy efficient**.
to the future, we design solutions
public spaces, inspired by
principles: energy efficiency,
for the environment.



Energy saving

We want to help to establish more awareness-driven consumption by using water and energy more efficiently and reducing energy waste.



Living comfort

We want people to feel comfortable in their homes, workplaces, and all the other indoor spaces where they spend time, which is why we believe that thermal comfort is essential for their wellbeing.



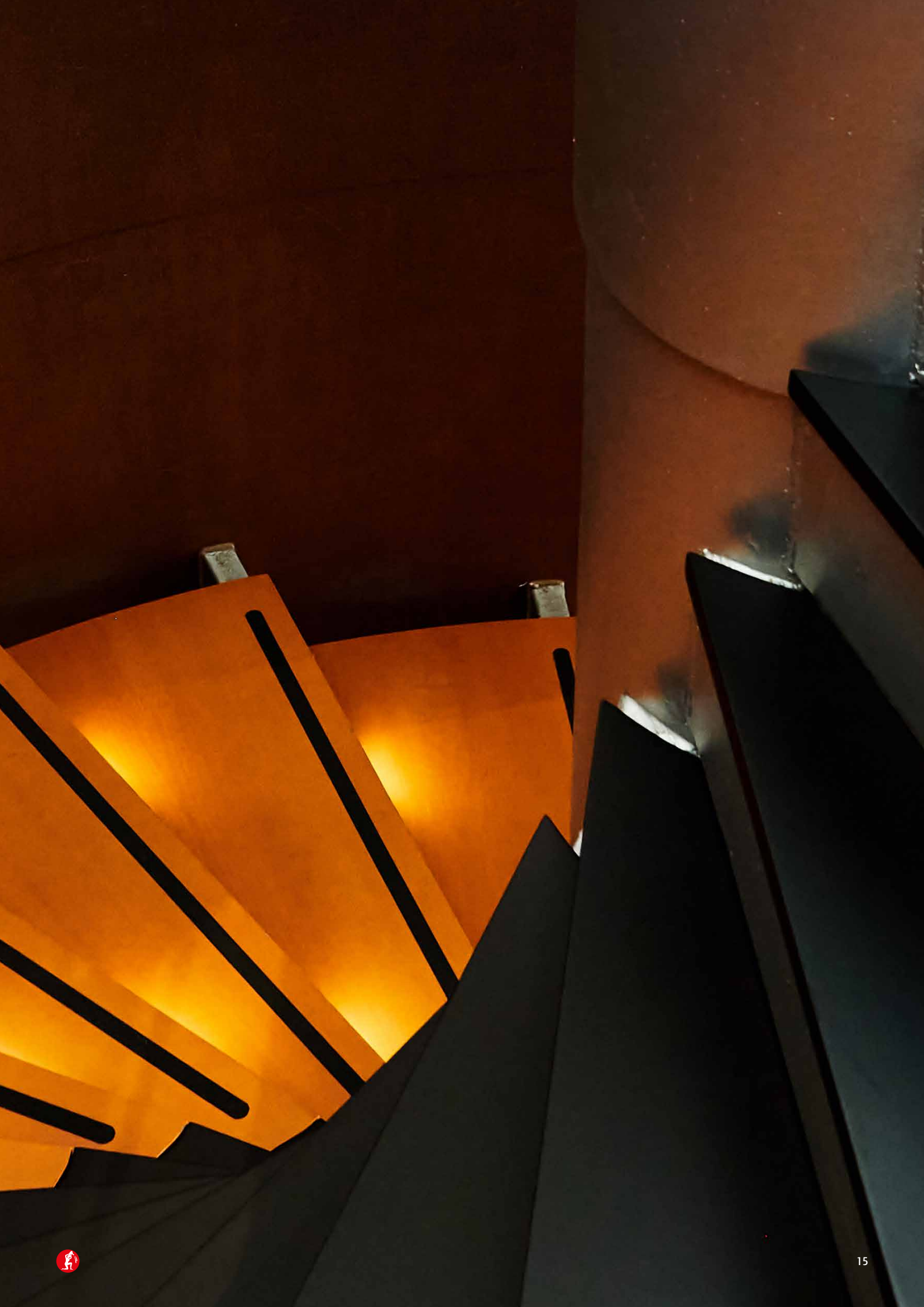
Environmental sustainability

We want to promote a business model that respects the environment and people: our systems are powered by renewable energy sources and we consider the needs of the community and local area when making any business decisions.





**WATER E-MOTION IS
OUR VISION: LOOKING
TO THE FUTURE
(MOTION) WITH
THE PASSION AND
ATTENTION WE HAVE
ALWAYS DEDICATED
TO OUR CUSTOMERS
(EMOTION), TO OFFER
HYDRONIC (WATER)
ENERGY-EFFICIENT (E)
SOLUTIONS.**



A close-up photograph of several brass pipe fittings, likely elbows or tees, arranged on a blue surface. Each fitting has a green O-ring seated in its groove. The fittings are made of polished brass and have a threaded end. The text "THE STRATEGY" is overlaid in white, bold, sans-serif capital letters in the center of the image.

THE STRATEGY



Customers

Everything we do revolves around whatever our customers need, from product design to after-sales support.



Products

We never stop innovating in our pursuit of new and better solutions while guaranteeing outstanding quality.



Sustainable profits

Even though businesses have to make a profit, we still believe that environmental protection and respect for people come first.



People

Our employees are our most valuable resource: their growth and wellbeing are our primary and most important asset.



Territory

For over seventy years we have manufactured products in our Italian plants while respecting the land where our employees and their families live.

1951

Our roots, our future

Our story begins on the shores of Lake Orta, in the heart of the Cusio region, where over seventy years ago Alberto Giacomini purchased a manual lathe and began producing the first brass components with dedication and vision. That artisan workshop led to the creation of what is now the Giacomini Group: an international company, still firmly run by the family, now in its third generation.

was growing and becoming established in the sector: a residential complex built to offer subsidised housing to our employees. An inspiring gesture and a cutting-edge project focused on people, combining the value of work with quality of life. It is the tangible sign of a company that cares for its community.

1960s

From San Maurizio to the world, firmly rooted

In 1960, we moved to San Maurizio d'Opaglio, the "town of taps", where we began our solid and steady growth. The following year, we opened our first branch abroad, in Germany.

The **Villaggio Giacomini** was established at the height of Italy's economic boom, as the company

1970s

From workshop to industry

In 1972, the acquisition of the moulding plant of Castelnuovo del Garda strengthened our production structure. Two years later, in 1974, we became a joint-stock company and expanded our offering: from the production of individual components, we moved on to the development of integrated systems for home comfort.



1980s

Innovation takes centre stage

During the 1980s, we launched *Programma 80*, a range of valves and thermostatic heads accompanied by innovative advertising campaigns that won national awards. In 1986, we established our first in-house laboratory for quality control and innovation, marking a further step forward in our commitment to technical excellence.

1990s

Growing together, inside and outside the company

During this decade of consolidation and vision, we also began our training activities with the *Giacomini Consulting* project dedicated to installers and designers.

In 1994, the Plastics Division was established, with a state-of-the-art plant for the production of technopolymer pipes and components. Still in the 1990s,

we founded the Alternative Energy Centre, with the aim of developing pioneering knowledge and integrating renewable sources into Giacomini solutions.

In addition to technological innovation and professional training, the 1990s saw a shift in focus towards residential well-being with the construction of the **Villette Giacomini**: new residential solutions to accommodate employees and their families in a people-friendly environment, close to the company and amenities. A choice of social responsibility that strengthens the bond between business and people.

2000s

New energies, with the future in mind

In 2002, we opened the **Giacomini Nursery-School**, an innovative educational environment designed according

to the principles of relational architecture. The shapes, materials and spaces are designed to promote learning, independence and socialising, inspired by the pedagogical philosophy of Reggio Children. Dedicated to the children of our employees, the project bears witness to our commitment to the younger generation and the central importance of the individual, right from the earliest years of life.

In 2005, we began a new chapter: research into hydrogen. In 2006, we obtained our first patent for an innovative combustion technology and presented our hydrogen boiler at the Winter Olympics in Turin. In the same year, we installed a zero-emission combustion chamber at Villa Gippini, turning the Hotel San Rocco into a model of energy efficiency. This achievement has been recognised with the first ever "Sustainable Building" certification issued by ICIM with the number 001.

In 2007, "Torneria 2" was established as Giacomini's new production facility, designed according to a pioneering vision of sustainability. The 230 kW geothermal plant uses the deepest probes in Europe, powering a radiant floor and ceiling system for heating and cooling industrial environments.

Covering an area of 7,000 m², this is a virtuous model of energy efficiency applied to the manufacturing world. A concrete step towards a low-emission future, already in progress

2010s

Patents for looking ahead

Between 2010 and 2012, we developed the *H₂YDROGEM* boiler, our second patent in the field of hydrogen, confirming our commitment to innovation and sustainability, which guides our every step.





2020s

Alliances for sustainable innovation

The new decade begins in the name of scientific collaboration and applied research. In 2022, we signed an important agreement with the Politecnico di Milano for the joint development of our fifth-generation hydrogen catalytic combustor, aiming to accelerate the transition towards integrated and increasingly sustainable energy systems.

In 2024, we further strengthened our commitment to research with a new strategic partnership with the Politecnico di Torino. This alliance allows us to integrate new skills and approaches in the field of energy efficiency, confirming the company as a technological benchmark for future solutions.



Giacomini chose to join the Association of Historic Trademarks of Italy, which purpose is 'to promote the strategic importance of Italian historic trademarks at all levels and motivate them as leverage to enhance the competitiveness and internationalization of the country.'

WE ARE AN ITALIAN HISTORIC TRADEMARK OUR HISTORY IS THE FUTURE.

In June 2024 Giacomini is officially recognized as an **Italian Historic Trademark by the Italian Patent and Trademark Office (UIBM)**. This recognition places us among the most prestigious companies in our country, highlighting **over 70 years of continuous innovation** and contribution to Italian industrial excellence. The fact that we are now a **symbol of "Made in Italy"** is due to our daily commitment to quality, sustainability and enduring values that have defined our history and will continue to shape our future.



GIACOMINI
WATER E-MOTION





1968: Giacomini is the first company in the tapware sector to inaugurate a research and development laboratory, quality control, and functional testing on products.

An aerial photograph of a two-lane asphalt road winding through a dense, lush green forest. The road is illuminated by warm, golden light, possibly from the setting or rising sun, creating a strong contrast with the dark green foliage. A single red car is visible on the road, positioned towards the upper left. The overall mood is serene and natural.

ESG

We believe that doing business means embarking on a path that goes beyond the simple pursuit of profit. The company is deeply committed to promoting people's wellbeing and protecting the environment, and views these as fundamental pillars of its philosophy. This approach is reflected in every decision and initiative as we strive to strike a balance between financial success and social responsibility. For Giacomini, the concept of

ESG (environmental, social, and governance) sustainability acts as a compass guiding us in our day-to-day operations, reflecting a harmonious balance between environmental commitment, social responsibility and ethical governance. This holistic approach demonstrates the company's commitment to a more sustainable future, and strengthens our ties with the local areas and communities in which we operate.

Environment



We are committed to reducing the impact of our activities and promoting environmental sustainability throughout the value chain through concrete and measurable actions, including:

1. **Responsible resource management.** The effective use of energy and environmental resources, and prioritizing renewable sources and responsible consumption practices.
2. **Emission monitoring and reduction.** Continuous monitoring of atmospheric emissions, waste water, and the production of industrial waste in order to minimize the impact on the environment.
3. **Clean energy.** We purchase green electricity and invest in renewable sources: our 7,000 m² photovoltaic park is a concrete example of this.
4. **Innovative energy efficiency.** We adopt innovative technologies such as geothermal and solar thermal air conditioning systems to reduce energy consumption.



Social

We value people and their wellbeing, promoting professional growth and a good work-life balance. This commitment translates into several areas of action, including:

1. **Support and growth.** We offer psychological support programs, physiotherapy services and professional training courses to promote the development and growth of our employees.
2. **Physical and mental wellbeing.** Initiatives such as mindfulness sessions and creative contests help to keep the employees' morale high, while promoting a healthy and stimulating working environment.
3. **Support for families and the community.** We offer subsidized accommodation and run a company nursery school to help our employees achieve a good work-life balance.
4. **Initiatives for young people.** Projects to help young people enter the employment market in close collaboration with schools and colleges.

Governance

Our approach to corporate governance reflects our desire for operational excellence, sustainability and ethical responsibility, and combines standardization, compliance, safety, customer satisfaction and innovation in a coherent and balanced framework. In conclusion, our corporate governance is embodied by a

firm commitment to quality, safety, innovation and sustainability, highlighting an ethical and responsible management model that lays the foundations for a sustainable future and growth that is mindful of social and environmental responsibility.

1. **Governance e compliance.** The company management system, which is certified to UNI EN ISO 9001, 14001 and 45001 standards, forms the foundations on which the company builds its pledge to ensure safety, health, sustainability and circularity. This certified framework shows our unwavering commitment to continuous improvement and this benefits all stakeholders as well as employees. Compliance becomes a core pillar, transforming regulatory compliance into an opportunity to raise our standards and strengthen governance.
2. **Prevention and safety.** Our "Safety First" philosophy and "zero accidents" target epitomize how we work hard to prioritize injury prevention. This vision involves carefully managing human resources and materials with a specific focus on reducing risks to people and to the environment. Promoting a safe workplace is based on the values of transparency, awareness and responsibility with employees being directly involved in all safety-related decisions.





3. **Prioritizing customers and innovation.** The company places special emphasis on ensuring that customers and stakeholders are satisfied, guaranteeing products that comply with international standards and deliver state-of-the-art quality, innovation and technology. Our approach to innovation also embraces product design and the selection of materials so we can reduce our impact on the environment and promote energy-efficient solutions fueled by renewable sources.
4. **Sustainability and energy saving.** Our focus on sustainable processes and energy saving guides all our operations, from raw material management to minimizing the impact on the environment. Future investments will be geared towards reducing energy consumption and using renewable energies with the aim of producing a sustainability report which reflects the group's endeavors in this area.
5. **Communication and feedback.** Internal communication plays a crucial role in fostering a strong company culture, promoting dialog between employees, departments and all levels of its operations, and encouraging feedback. This willingness for open communication emphasizes how the company clearly pursues comfort, health, energy efficiency and sustainability, consolidating its identity and commitment to corporate responsibility.





Certifications demonstrate
to operational excellence and social
and enable customers, partners
They show our compliance with
specialized and sustainable
continuous improvement
employees and

our company's commitment
and environmental responsibility,
and society to confidently trust us.

international standards,
management practices, and a path of
for the environment,
the community.



Our environmental and occupational health and safety management systems, which comply with the **ISO 14001:2015** and **ISO 45001:2018** standards, respectively, have long been an integral part of our business operations. We believe in prevention and invest to ensure that increasingly stringent regulations are transformed from constraints into opportunities, with a view toward continuous improvement.



Align our operational practices with our company policy, which promotes quality, people and the environment, and with our business strategy of promoting sustainable wellbeing, and making market choices that favor eco-friendly solutions for domestic systems.



Improve our corporate structure so that it is more effective and efficient.



Minimize risks arising from any non-compliances, environmental impacts, and injuries by prioritizing prevention.



Increase customer satisfaction and improve relations with local residents and audit bodies as a guarantee of environmentally-friendly manufacturing, reduced consumption and emissions, and a better working environment.

ACADEMY — We have also provided training along the years, offering our designer, distributor and installer clients Giacomini Academy courses covering the latest changes in our industry and in-depth information about our products and systems.

GIACOMINI ACADEMY

Conventions and webinars

We offer professionals who are interested in learning more about our offering and discussing new collaborations with us the opportunity to take part in on-site and on line educational events. We also organize workshops accredited by the main national councils that issue training credits for professional development.

Training courses

We enable installers to benefit from our experience by organizing training initiatives that focus on new products, innovative installation and fitting methods, current Legislation, and other aspects relevant to their work. We have always worked closely with our dealers and offer them advice about the best ways to promote and sell our products and systems.





Video tutorial

Our YouTube channel has a wide and ever-expanding range of short video tutorials in which we explain the advantages of our products and specific details about their applications.

Technical insights

We have created a section on our website with interesting articles about new projects and products for the construction industry, which faces the challenge of meeting the need for decarbonization and energy efficiency while ensuring high standards of wellbeing for people.



Giacomini solutions provide a unique, clear and comprehensive response to the specific needs of the sectors we serve and the people who use our products on a daily basis: designers, distributors, installers and end users themselves.

Our objective is to offer the market a specialized and integrated range of products and services that allows us to meet any requirement in the field of plant engineering, becoming a point of reference for our customers and partners.

LE OUR SOLUTIONS



Unique Home

It is the "all-in-one" solution for detached houses and individual units. Radiant heating and cooling, ventilation and hot domestic water become part of an integrated system that ensures maximum comfort, excellent indoor air quality and energy savings.

Residential Plus

It is the ideal solution for multi-residential buildings with centralized systems. It includes advanced technologies that optimize energy consumption and simplify operation of heating and cooling solutions, water management and thermoregulation.

Total Commercial

It is the integrated solution for the service sector: high-traffic public places, health care facilities, buildings and offices, skyscrapers for commercial operations. It includes a wide range of products for air conditioning, hydronic distribution and fire safety.

Giacomini Consulting

It provides customers and partners with all our know-how, which is the result of over seventy years of experience and the renowned technical and commercial expertise of our team. Consultancy and project assistance, training courses, conferences and webinars, video tutorials.



**ALL
COMFORT
IN
ONE**



**LIVING
EFFICIENCY**



**KNOW
BETTER
WORK
BETTER**

***WATER*
TO DO
MORE**



AREE DI BUSINESS

We have always designed and manufactured our products in Italy, exporting components and systems for healthy air conditioning, thermal energy management and domestic water and gas distribution all over the world. Our products and services are at the heart of our commitment to a more sustainable future: from solutions for domestic comfort to large-scale systems for the industrial and service sectors, every application is designed to maximize energy efficiency and ensure people's well-being.



Energy Management

We have always been passionate about energy, and chose red for our Logo as it represents energy and the passion that guides the design and production of our solutions for optimizing and metering consumption, supplying hot and cold fluids, and balancing hydronic circuits.



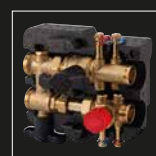
Energy metering



Radiator components



Boiler room components



Circuit balancing



Distribution line components





Water Management

Water is our specialty: we are well aware of how precious water is as a resource, so our water supply and management systems are designed to preserve it while also safeguarding the health and safety of the end user.



Components for domestic water distribution lines



Devices for water-sanitary systems



Radiant Systems

We design and produce radiant systems based on radiation, the most natural principle of physics for transferring heat and cold, and therefore the best option for our health and wellbeing.



Radiant floors and walls



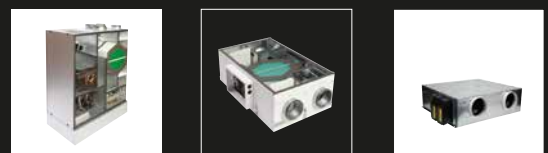
Plasterboard radiant ceilings



Metal radiant ceilings



Thermoregulation



Air treatment for radiant and HRV systems



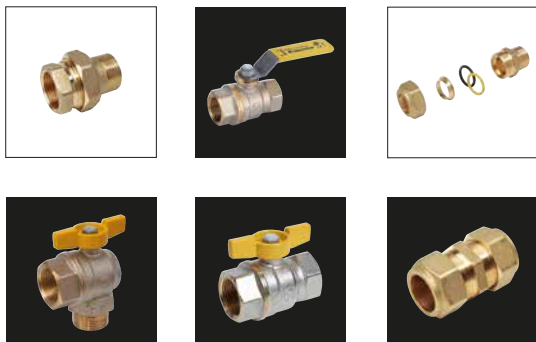


Gas Distribution

Over the years we have built up a wealth of experience in handling fluids, as well as potentially hazardous gases. By harnessing these specific skills, we have developed safe, high-performing products and systems for gas distribution in buildings.



Multigas distribution system



Gas distribution components



Renewable Sources

We have always cared deeply about the environment, and firmly believed that protecting it is the only option for our future. This is why we have strived for so many years to develop systems that use energy from renewable sources.



Air-water hydronic heat pumps





Fire Protection

Water has always been the most effective and cheapest weapon for fighting fire. Thanks to our exceptional water management expertise, we have achieved the highest levels of performance for components in fire-fighting and fire-prevention systems, which we have been making for almost fifty years.



Specialist valves and components
for water-based fire-fighting systems



Hydrogen Systems

Hydrogen research is one of the most advanced areas of our commitment to innovation and sustainability. In our laboratories, we have developed and patented the first hydrogen heat generator, entirely designed and manufactured in Italy, with the aim of producing thermal energy without polluting.

H₂YDROGEM

With H₂YDROGEM, zero-emission domestic heating is now a reality. The system uses only renewable sources, exploiting the reaction between hydrogen and oxygen. At the heart of this technology is a catalytic burner fueled by hydrogen gas, making this system the first of its kind in the world for residential applications.







THE SHARD LONDON

- SERVICE SECTOR OFFICES
- **RADIANT FLOOR**
- LONDON, THE UNITED KINGDOM
- PRODUCTS: Preformed insulation panels with protrusions for radiant floors



The Shard in London, designed by Renzo Piano and inaugurated in 2012, is one of Europe's most iconic skyscrapers, standing 309 metres tall with 72 habitable floors.

Designed as a "vertical city", it houses offices, apartments, hotels, restaurants and commercial spaces, as well as the famous panoramic terrace "The View from The Shard", which offers a 360-degree view over the British capital.

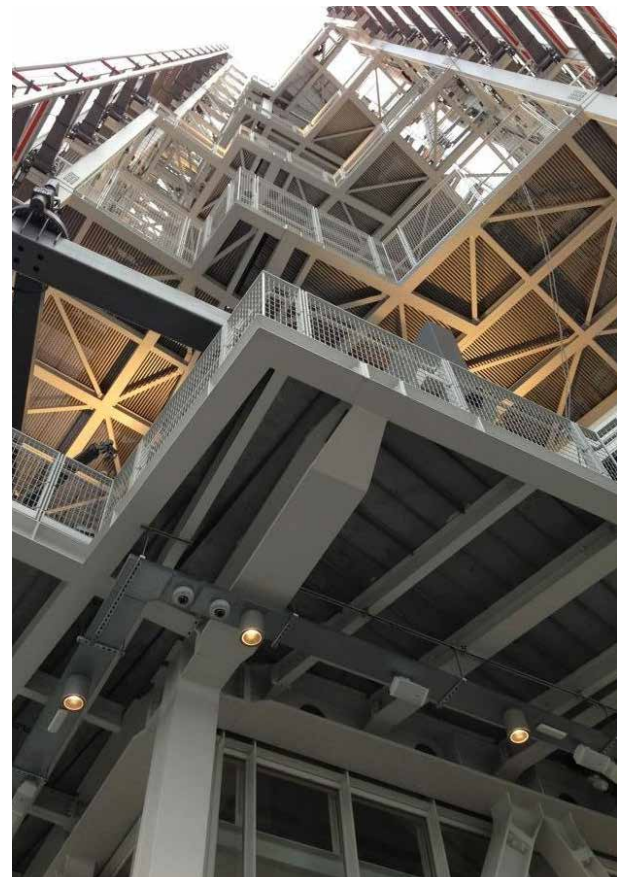
Giacomini's underfloor radiant system provides air conditioning for 240 m² in the viewing gallery which is open to the public. A technological choice that guarantees





constant **comfort** and **energy efficiency** in an extremely complex architectural context, where the size of the glazed areas and variable climatic conditions could have compromised users' comfort.

The radiant system instead ensures **uniform heat distribution, quiet operation** and discreet integration, contributing to the **overall sustainability** of the building and its ability to redesign the London skyline as a symbol of innovation and human change.





TUI-JETAIR ZAVENTEM



- INDUSTRIALE
- **RADIANT FLOOR**
- BRUXELLES, BELGIUM
- PRODUCTS: Industrial radiant system, pipe installation track, electro-welded galvanized metal mesh, PEX-b pipe

The Tui Travel Belgium group has recently built a Jetairport complex at the Brussels Airport on the site of the former Hangar 40, which burned down in May 2006.

The new building is 117 m long, 85 m wide, and 25 m tall. Overall it covers 15,000 m² including underground office space, and a 9,950 m² maintenance area.

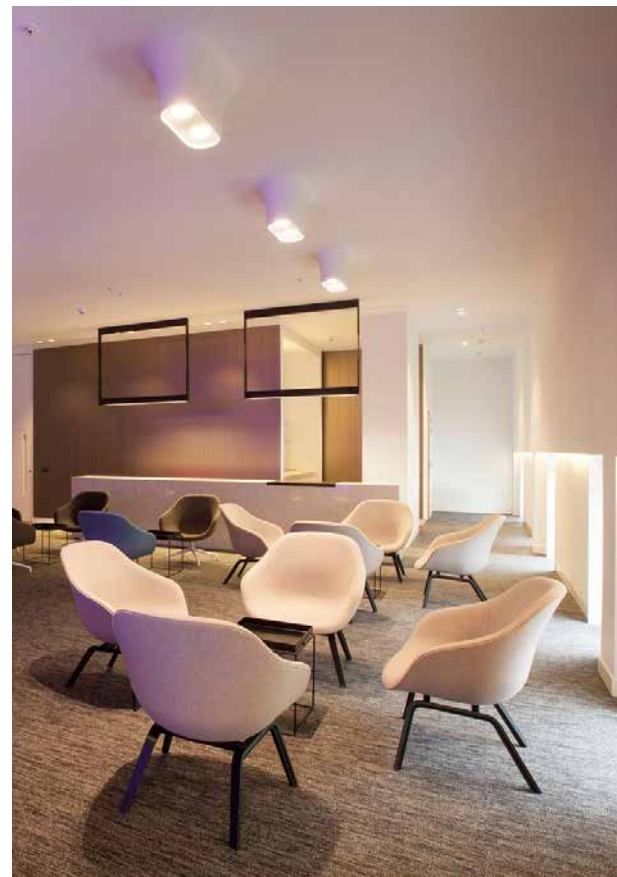
This hangar can simultaneously accommodate three Boeing 737 or a Boeing 787 Dreamliner (which has an empty weight of 120 tons) and a 737.

To heat a space of such dimension, a **radiant solution with active concrete slabs was adopted**: 26,000 meters of Giacomini R996 cross-linked polyethylene piping, integrated into a 20 cm slab and connected to 30 Giacomini R553D brass manifolds.





The heating capacity of this system reaches 45 W/m^2 . This was an extraordinary project so we needed to manage the implementation of active cement with particular care. Special requirements were set out for the number and layout of the expansion joints in the floor, the positioning of the energy wells for the aircraft, and when the pouring the concrete. Giacomini's participation in this project demonstrates the company's ability to respond to large-scale technical challenges with reliable, **high-performance solutions.**





A photograph of a modern building facade. The building features a combination of brown stone panels and blue vertical slats. A large overhang is visible at the top. In the foreground, there is a swimming pool with a greenish tint and a concrete deck. Lush tropical plants, including palm trees and a large green leafy plant, are planted in a bed of white gravel next to the building. The sky is clear blue.

BE ONE QUINTA DA MARINHA

- HOSPITALITY
- **RADIANT FLOOR**
- CASCAIS, PORTUGAL
- PRODUCTS: Preformed insulation panels with protrusions for radiant panels, preassembled manifold kit



Be One, a luxury complex combining **architectural elegance and high-quality construction**, has been built in Quinta da Marinha, in the heart of Cascais. Located in one of Portugal's most renowned coastal resorts, the property has been designed to offer high standards of comfort and functionality, reflecting the expectations of an international clientèle increasingly attentive to living comfort and sustainability.

Giacomini contributed with its underfloor radiant system, chosen to ensure uniform and quiet climate control in all rooms, capable of providing heat and coolness





in full compliance with the architectural requirements. This technology, integrated with high-efficiency materials and systems, **reduces energy consumptions and environmental impact** without compromising the quality of the living experience.

The project reflects Be One's attention to detail, where every design choice contributes to raising standards of comfort, efficiency and sustainability while transforming the complex into a benchmark for high-end hospitality.







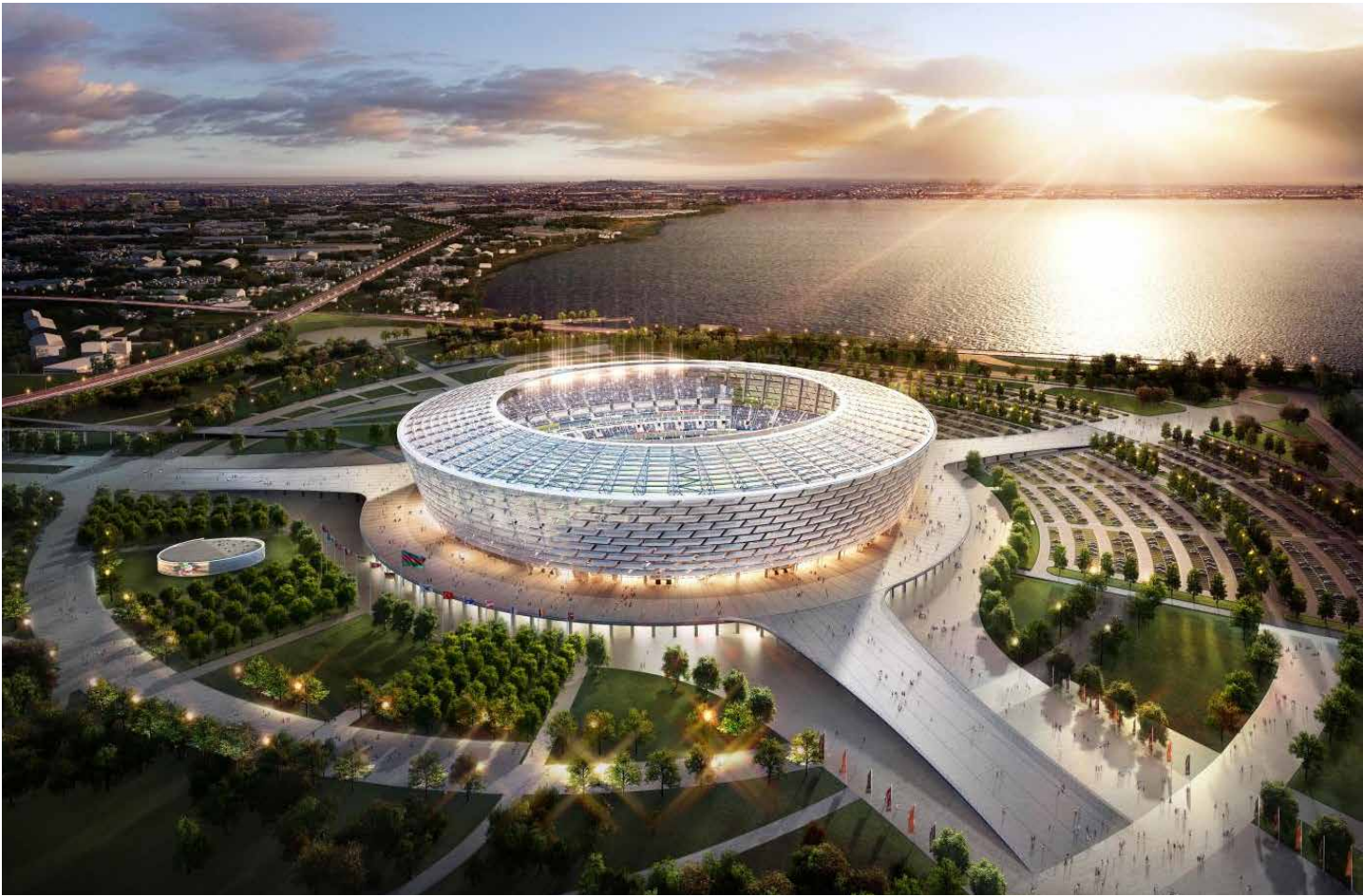
OLYMPIC STADIUM BAKU

- OLYMPIC STADIUM
- HVAC, FIRE PROTECTION
- BAKU, AZERBAIJAN
- PRODUCTS: Pressure control valves, ball valve, HIUS for direct thermal energy metering

With seating capacity for 68,700 people, the Baku Olympic Stadium has become one of the most iconic venues in Azerbaijan's capital city. Set on a 50-hectare site at the entrance to the city flanked by Heydar Aliyev Avenue and Lake Boyuk Shor, it is in a strategic position between the Azizbeyov and Sabunchu crossroads.

The idea of the stadium's design is to embody the meeting of modern architecture and the dynamism of city life. The building is formed with five interlocking shells to symbolize the five Olympic rings and five continents. These shells support a circular platform that represents the movement and interaction of people in a nod to the Olympic spirit. Inspired by the background of the Olympic flag, the white facade transforms





into an illuminated icon by night thanks to a lighting system that projects colors to symbolize the continents.

Giacomini played a key role in this project by providing state-of-the-art air treatment **solutions (HVAC) and fire-prevention systems**. These technologies ensure a safe, **comfortable environment for spectators** and for all the events hosted in the stadium. Our contribution ensured that the stadium was not merely an architectural masterpiece, but also a paragon of **efficiency** and **safety**.





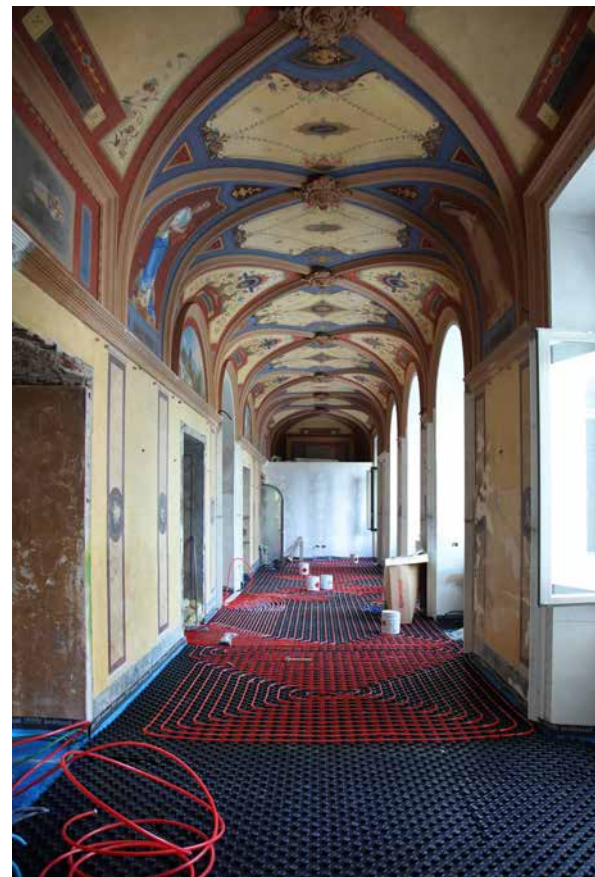
A photograph of Villa Cantoni in Arona, Italy. The villa is a large, white, multi-story building with classical architectural features like arched windows and balconies. It is surrounded by lush greenery, including several tall palm trees in the foreground and a dense forest of evergreens on a hillside in the background. In the lower right, there is a stone structure with several arched openings, possibly a tunnel or a bridge. The sky is clear and blue.

VILLA CANTONI ARONA

- APARTMENTS, OFFICES, SHOPPING CENTRE
- **RADIANT FLOOR**
- NOVARA, ITALY
- PRODUCTS: Preformed insulation panels with protrusions for radiant panels



The historic Villa Cantoni has been upgraded with technological systems by Giacomini for **heating, cooling** and ensuring the **air quality** in the building. The conservative restoration and energy upgrade of the prestigious villa in Arona was completed by respecting artistic and architectural requirements and meeting the need for living comfort. In this context, the need to introduce modern technologies into a historic building led to the choice of Giacomini solutions. The radiant floor for heating and cooling, supported by R979TG and R979S panels, provided the perfect way





to combine **comfort with optimum use of the space.**

Energy recovery units guarantee **efficient ventilation**, while metering modules **provide precision control of energy consumption**. Thanks to timed touchscreen chronothermostats with humidity control, the integrated management of the system is very easy and intuitive to use.

This project proves how Giacomini solutions can help combine efficiency, sustainability and respect for historical and architectural heritage.





A photograph of the Mall Istanbul at dusk. Two tall, curved skyscrapers with glass facades are illuminated from within, showing a warm yellow glow. The sky is a mix of blue and orange. In the foreground, there is a multi-level highway with cars and a pedestrian bridge. The text "MALL ISTANBUL" is overlaid in white, bold, sans-serif font.

MALL ISTANBUL

Boğaziçi Köprüsü

DECATHLON



- APARTMENTS, OFFICES, SHOPPING CENTRE
- HVAC, FIRE PROTECTION
- İSTANBUL, TURKEY
- PRODUCTS: Straight ball valve, pressure control valve, test and drain valve, pressure reducer adjustable on site



Giacomini provided its systems for the prestigious Mall of Istanbul project, one of Türkiye's largest multipurpose complexes right in the heart of its capital city. This impressive project includes a 121,426 m² residential area, a 148,840 m² shopping center, 1,081 apartments, and 180 offices covering 34,241 m². The complex also has a sixteen-screen cinema, offering a world class entertainment experience.

For a project of this size, advanced HVAC solutions and fire **protection systems** were provided to ensure **safety** and **comfort** for residents, employees and visitors.





Our experience in these areas has made it possible to create a complex that combines **technological innovation, reliability** and **well-being**, becoming a symbol of innovation and excellence in the city of Istanbul. Participation in a project of this scale demonstrates Giacomini's ongoing commitment to developing **integrated solutions for complex projects**, helping to set **new standards** of **comfort** and **sustainability** in contexts of international significance.





A photograph of the Claude Monet House in Giverny, France. The house is a two-story building with a light-colored facade and large windows featuring bright green shutters. A dense, leafy vine grows up the side of the house, partially obscuring the windows. A black lantern-style light fixture is visible on the right side of the image. The sky is blue with some clouds.

CLAUDE MONET HOUSE GIVERNY

- MUSEUM
- **RADIATOR SYSTEM PRODUCTS**
- GIVERNY, FRANCE
- PRODUCTS: Micrometric valve with thermostatic option, kit with valve and iron pipe lockshield, valve with thermostatic option and job-site protection

Claude Monet lived for over forty years in his home in Giverny, Normandy, from 1883 to 1926. Today, the house and its famous gardens, managed by the Fondation Claude Monet, welcome more than half a million visitors each year and are one of France's most popular cultural destinations, just a few kilometers from Paris.

The building, which has been converted into a museum, retains the original atmosphere of the Master of Impressionism and is located in a setting of great historical and artistic value. In this residence, an example of architectural heritage to be protected and enhanced, Giacomini installed its **Energy Management products**, namely **thermostatic heads for radiators**. These





are discrete yet essential devices which enable to control at best the temperature, reduce consumptions and environmental impact without altering the integrity of historical sites.

The presence of Giacomini solutions in such a prestigious location testifies to our ability to integrate **modern and sustainable technologies while respecting tradition and cultural heritage**, combining **comfort** and **energy efficiency** in a place that continues to attract visitors from all over the world.





A modern lounge interior featuring a large window with stone pillars, a colorful striped rug, and contemporary furniture. The room has a warm, earthy color palette with terracotta walls and a polished wooden floor. Two large, ornate wooden doors are leaning against the wall in the background. The text "HOTEL TITILAKA LAKE TITICACA" is overlaid in the center of the image.

HOTEL TITILAKA LAKE TITICACA

- HOTEL
- **RADIANT FLOOR**
- LAKE TITILAKA, PERU
- PRODUCTS: Graphite EPS preformed insulation panel, normally-closed thermo-electric actuator, kit with brass preassembled manifold

On the south-eastern shores of Lake Titicaca, at an altitude of 3,800 meters and at the foot of Machu Picchu, stands Titilaka, a boutique hotel located on a four-acre private peninsula shared only with the Aymara community. Surrounded on three sides by the waters of the lake and featuring 18 rooms with views, panoramic terraces and common areas that include restaurants and lounges, the hotel offers an exclusive experience in close contact with Andean nature.

Geographical isolation and **harsh climatic conditions** have made it necessary to adopt **technological solutions** capable of ensuring **thermal comfort** and energy efficiency without compromising harmony with the natural environment. Giacomini supplied an underfloor heating system that keeps rooms cozy even during cold Peruvian





nights, ensuring even heat **distribution and optimized energy consumption.**

This project is a concrete example of how radiant solutions can improve the quality of hospitality in extreme locations, ensuring guest comfort while reducing environmental impact.

Over time, the establishment has received numerous international awards, including the 2014 Travellers' Choice Award, confirming its status as a model of sustainable hospitality and quality in a setting that is unique in the world.





A photograph of a modern hospital corridor with white walls, a grey floor, and a drop ceiling with recessed lights. A dark door is visible on the right, and a row of waiting chairs is on the left. The text is overlaid in the center.

HÔPITAL NOTRE-DAME DE LA MISERICORDE AJACCIO CORSICA

- HOSPITAL
- **RADIANT FLOOR**
- AJACCIO, FRANCE
- PRODUCTS: RADIANT FLOOR

Giacomini's radiant systems have been installed in the new Hôpital Notre-Dame de la Misericorde of Ajaccio (Corsica) to guarantee comfort, energy efficiency and air quality in a context extremely sensitive as the health care environment. The project features a KLIMA New Building **radiant floor system** In the Accueil and GK Classic T24 600×600 radiant ceilings for the inpatient rooms, for a total surface of 5,000 m².

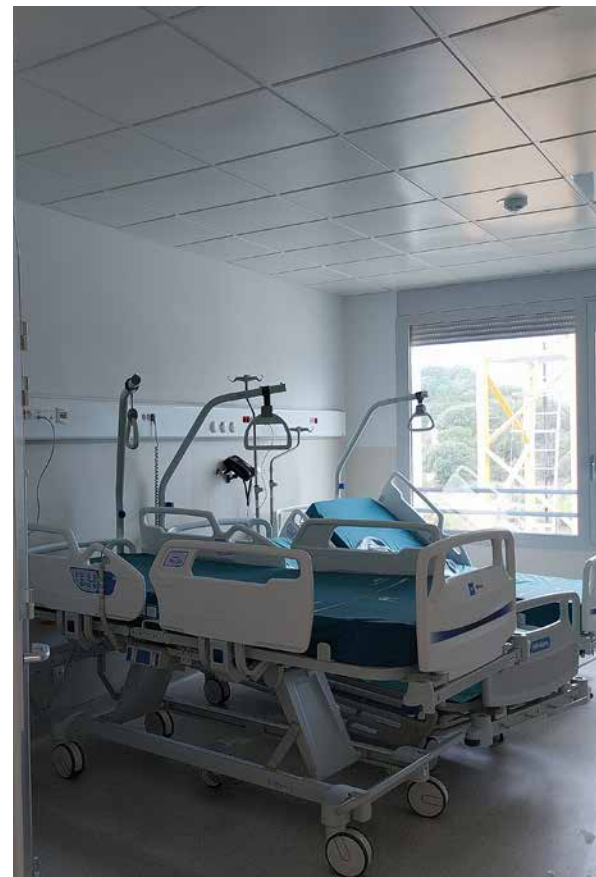
The winning combination of radiant systems and UTA enables to control at best temperature, humidity and air flow rate while ensuring quietness, greater hygiene and reduced consumption compared to traditional HVAC systems. Radiant ceilings also guarantee modularity and simplified inspection, features essential in environments that require rapid and non-invasive interventions.





The solution is completed by thermal exchange substations dedicated to the various zones of the building, which enhance the distribution of the thermovessel fluid, and by the **Klimabus control system**, integrated with the BMS for accurate and uninterrupted control of the systems.

This intervention shows how radiant systems by Giacomini represent the ideal choice for modern hospitals, offering **comfort**, **efficiency** and a **healthier environment for patients and staff**.





A wide-angle photograph of the interior of the JPMorgan Chase Global Headquarters in New York. The space is characterized by its dramatic, angular architecture, featuring large, dark, metallic structural columns that converge towards the top. The ceiling is a complex, perforated metal grid. Large glass windows on the right side offer a view of the city outside. In the foreground, several people are walking through the lobby, which is equipped with modern, metallic turnstiles. The overall atmosphere is one of a high-tech, professional environment.

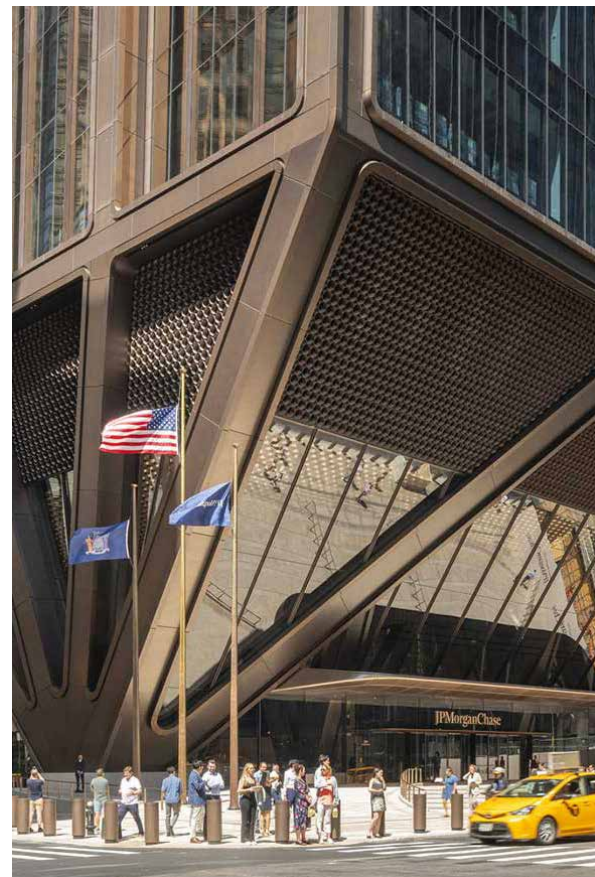
JPMORGAN CHASE GLOBAL HEADQUARTERS NEW YORK

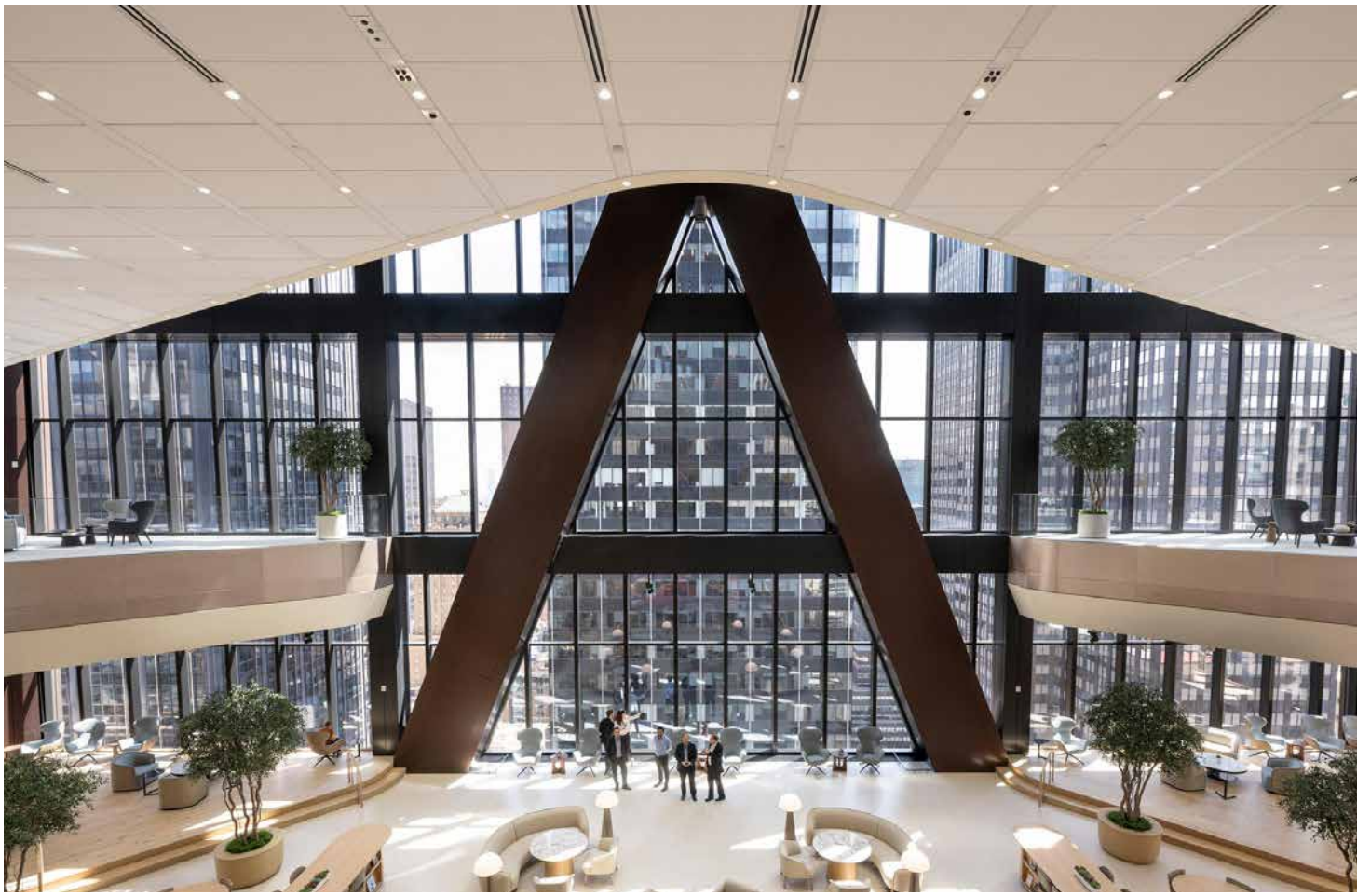
- TERTIARY OFFICES
- HVAC, FIRE PROTECTION
- NEW YORK, UNITED STATES
- PRODUCTS: Compact kit for terminal units, fire protection valves

In the heart of Manhattan, the new global seat of JPMorgan Chase, completed in 2025, represents one of the most relevant buildings of the city from an architectural and sustainable standpoint. With 60 floors and 423 meters tall, it's the largest fully-electric tower of New York, powered exclusively by renewable energy and designed to achieve the goal of zero operational emissions.

Giacomini has contributed to the project by providing more than 1,000 R280KC Fan Coil Kits, high-performance solutions for **thermal-environment control** of indoor spaces. The systems, adapted to the specific requirements of the job site, ensure **efficiency**, reliability and operational continuity on all levels of the building, from the work spaces to the common areas. Our A586E fire-protection valves have been installed as well to complete the safety installations.

The project stands out for the volume raised at the base and the public spaces





that intertwine with the city. Inside, a mix of operational spaces, meeting zones and the Exchange triple-height central area require accurate and flexible installation solutions. The **Fan Coil Kits by Giacomini ensure uniform** HVAC and controlled living conditions in all spaces.

The tower aims at the highest environment standards, such as the LEED Platinum and WELL Health-Safety. The HVAC solutions by Giacomini integrate with the energy strategies of the building while contributing to an efficient and sustainable workplace.





BURJ KHALIFA

DUBAI (EAU)



- TERTIARY
- FIRE PROTECTION
- DUBAI, UNITED ARAB EMIRATES
- PRODUCTS: Pressure limiting valve

A favorite touristic destination of Dubai, with its 829,80 m the Burj Khalifa is the tallest skyscraper in the world to date and the tallest structure ever made by man. Symbol of modernity and luxury, the building was inaugurated in 2010 after 6 years of construction works. It consists of 344,000 m² of floor area for commercial and residential use.

Considering its dimensions and the prestige of the construction, fire prevention became one of the most important focuses for the engineers and architects working on the Burj Khalifa. For the purpose of guaranteeing high levels of safety, reduced installation **times and cutting-edge technical solutions**, both planning and installation of the fire-prevention system were assigned to Nafco, Giacomini's exclusive distributor for the Dubai area.





Nafco created special pressurized and fireproof shelters every 25 floors; they are provided with an HVAC system and the required technical rooms that house tanks, water pumps and electric substations.

The **fire protection system** is equipped with A155 pressure limiter valves by Giacomini with customized details. Certified by UL, this adjustable valve provides various pressure levels at the water outlet under flow conditions only, offering **ideal control of the fire-protection pumps**.





giacomini.com





GIACOMINI S.P.A.
VIA PER ALZO, 39
28017 SAN MAURIZIO D'OPAGLIO
NOVARA ITALY



GIACOMINI
WATER E-MOTION