Company Profile

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INDUSTRIES



Paving the way towards the future

For over 40 years we have aimed to transfer our values to our clients by designing and realising high quality and trustworthy products for both the residential and the industrial sector.

Our hard work has yielded us a leadership role in Italy and abroad. Especially, in designing and producing thermo-technical systems such as heating and conditioning systems, domestic hot water systems and heat exchangers.

All our products are handcraft with attention to the client's requirements, quality and detail. Moreover, every product is tested in order to guarantee long-term reliability.

To ensure a steadfast improvement of our products we constantly invest in innovation. As a result, our products are high-performance, efficient, energy saving and practical.

The aim is to design and build hydronic products and systems for each specific need, investing in the research of technologically innovative and customized solutions and supporting our customers with a continuous consultancy activity, from the design phase to the management and maintenance phase.

Experience and competence are two core points of Fiorini and the other companies that are part of the Fiorini Industries group. As such, we design and realize solutions based on the use and integration of various energy sources. In this way, we are capable of answering the costumer's demand, which is becoming more diverse and complex.

fiorini INDUSTRIES

General Terms of Sale

go.fiorinigroup.it/eng/condizionivendita

Business Sectors

Fiorini produces a complete range of products covering all needs in the HVAC&R industry, using a synergistic and modular approach, from the supply of individual components through to the development of fully equipped systems. Its distribution strategy contemplates the extension of its international coverage by way of long-term agreements with qualified distributors and manufacturers in the HVAC&R industry.



Designer

- EPC
- Medium EPC
- Professional
- Associated Studio
- Other

Dealer

- Solutions Provider
- Wholesaler
- Spare Parts Dealer
- Service
- Other

Plant Engineer

- EPC
- Food&Pharma
- Installer
- Plant Engineering
- Other

OEM

- Food&Pharma
- Oil&Gas
- Hydraulics
- Refrigeration
- Heating
- Other

Industry

- Energy
- Food&Pharma
- MetalWorking
- Naval
- Petrochemicals
- Other

Other Segments

- Trade Agent
- Integrated Contractor
- Public Authority
- Heat Manager
- Tourism
- Other

Our certificates

An added value for our clients and partners

To the Fiorini group, certificates are a proof of responsibility towards the clients, the partners, the community and the territory. It springs from the awareness that our activity cannot come before the guidelines and the expectations of the stakeholders.

Whoever chooses for Fiorini products, chooses a company which:

✔ **ensures clarity and transparency** towards the client by explicitly communicating every production and sales detail. This facilitates the operational management of the products (ex. estimates and order confirmations are send with a detailed description of the product, the delivery date, the transport measure, technical drawings with indications of the different uses, dimension schemes and other possible details);



TESTED

✔ **testes every single product.** Every product is provided with a Certificate of Conformity and Testing and our qualitative management system guarantees the correct execution of every process in accordance with the defined standards;



✔ **constantly invests in research on innovative solutions and on the improvement** of the products' performance, focussing on both quality and cost reduction;

✔ **realises qualitative products** which also positively influence our clients' projects;

✔ **operates with a respect for people, the environment and the territory;**



✔ **invests in training** on subjects such as health, occupational safety and environmental sustainability. Our staff is kept up to date on the binding rules and on how to share best practices;

✔ **assures competence, reliability and personalized solutions.**

We have implemented international management systems and standards that have been recognised with numerous certificates.

Integrated management system

Member of CISQ Federation
CERTIFIED MANAGEMENT SYSTEM
ISO 9001 - ISO 14001
ISO 45001

Fiorini Industries S.r.l. believes that the quality, protection of the environment, the reliability and originality of its products, the ability to listen to the Customer (both internal and external) and the protection of the Health and Safety of workers and end users of its products are the foundation of corporate competitiveness. With this in mind, the Management has activated an integrated Quality, Environment and Safety management system internally, in accordance with the UNI EN ISO 9001, 14001 and UNI ISO 45001 and Directive 2014/68/EU (PED) standards, committing itself to maintaining and improving continuous performance.

Certificate for Quality management – ISO 9001

The system for quality management, which is certified in accordance with the ISO 9001 norm, has been in force in our company for years. It implicates a structured and complete analysis of every activity and the best planning and rationalizing of all operational processes. This implies:

✔ keeping the highest levels of efficiency and effectiveness;
✔ the timely control of the internal operational costs;
✔ constant attention to the requirements and the expectations of the client.

We want to satisfy all requirements and expectations of the clients, ensuring profitable working conditions and high standards. Moreover, we want to contribute to the reputation of the entire supply chain of the bids we are a part of, also on an international level.

We have implemented a management system focused on quality, which we apply to all of our daily business activities. Our purpose is to come up with solutions for specific problems, such as problems with deadlines, and to satisfy the expressed and unexpressed needs of both our internal and external clients.

Certificate for Environmental Management System – ISO 14001

In 2011, we have been awarded the Certificate for an Environmental Management System ISO 14001. This means that our company works within the parameters imposed through some rules. We operate with respect for the environment and limit air pollution. Moreover, with our general approach to efficient and sustainable products and production systems, **we are continuously trying to improve the environmental management in order to globally improve our performance.**

Certification for Health and Safety on the workfloor ISO 45001

In 2015, we have been awarded the ISO 45001 certificate. This is the result of Fiorini's effort to proactively protect the health and safety of its own workers and to guarantee conformity to all laws.

WRAS Approved Material

The company has obtained the WRAS Approved Material certificate, which confirms the compliance of the materials used in the vitrification and Teflon coating processes of tanks and hatch seals with the high safety standards for contact with drinking water.
Regarding the heat exchanger line, the gaskets are also compliant with the WRAS Approved Material standards. Combined with the 316L stainless steel plates, the product is entirely composed of materials suitable for sanitary use.
The adoption of WRAS-approved materials ensures compliance with European and international regulations, reaffirming the company's commitment to offering safe and high-performance solutions.

Certificate for designing and producing pressurized devices

In 2014 we have been awarded another certificate: **the certificate for designing and producing pressurized devices** conform to the 2014/68/UE directive (PED pressure equipment directive) which guarantees the ability of designing and producing:

✔ tanks
✔ heat exchangers
✔ collectors

which are produced to contain liquids and gas, also those which are classified as dangerous, up to those of the highest risk category described by the directive (risk category IV)

In particular, we have obtained the module H1 for surveillance, which **recognizes the quality** of the specific techniques and verifies the design process, the production processes and the testing procedures for all types of tanks, also those which are in the risk category. This gives the client the **guarantee they are acquiring a product which was designed and produced in accordance with criteria** for performance, but also for safety and durableness.



Insulations

During the last two years, following the new ERP directive, we have updated our products, equipping them with advanced insulation and dedicated to the specific capacity. Thanks to this, we are now able to offer tanks and systems with higher energy classes using different combinations of insulating materials. Below you will find the most used materials in the insulation of our products:

1. EPS+PS: GRAPHIC POLYSTYRENE + POLYESTER FIBER

Innovative insulation with graphite particles inserted into the polystyrene, to improve energy efficiency, perfect for the accumulations of DHW and Buffer tanks, as the polyester fiber stems the thermal bridges, due to the numerous connections.

✔ REMOVABLE

2. PE+PU-F: POLYETHYLENE EXPANDED WITH CLOSED CELLS + POLYURETHANE EXPANDED FLEXIBLE

Insulation consisting of the combination of two materials to achieve maximum energy efficiency.

✔ REMOVABLE for HOT solutions,

✔ NOT REMOVABLE (inner layer) for HOT/COLD solutions

3. PE+PS: POLYETHYLENE EXPANDED WITH CLOSED CELLS + POLYESTER FIBER

Insulation consisting of the combination of two materials to achieve maximum energy efficiency.

✔ REMOVABLE for HOT solutions,

✔ NOT REMOVABLE (inner layer) for HOT/COLD solutions

4. PU-F: FLEXIBLE EXPANDED POLYURETHANE

Excellent solution for efficiency in small sizes and for ease of assembly in large sizes.

✔ REMOVABLE

5. PU-R: HIGH DENSITY EXPANDED POLYURETHANE

The high density foaming of Fiorini is excellent for both hot and chilled water.

✔ NOT REMOVABLE

6. PE: CLOSED CELL POLYETHYLENE

Insulation for chilled water, avoids condensation.

✔ NOT REMOVABLE

7. PS:POLYESTER FIBER

The polyester fiber in addition to being a sound-absorbing material is also a thermal insulator with high performance characteristics.

✔ REMOVABLE



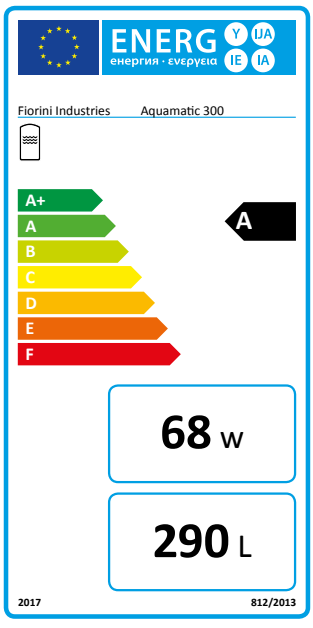
Energy label
Energy related Products (ErP)

All of our products for heating and producing DHW meet the measures required for reducing energy consumption, as is established by Ecodesign Directive 2009/125/EC. This will help the European Union achieve the targets established in the 20-20-20 Plan: these aim to cut CO2 emissions by 20%, increase the use of renewable energy by 20%, and increase energy efficiency by 20%, all by 2020. Our products are provided with energy class labels and technical data sheets (where expected) that specify the energy performance and the class of efficiency in a simple and straightforward manner. Thanks to this identification, both consumers and expert users can select solutions that are the most efficient and are most suitable for their needs. Starting in September 2017, the new Energy Efficiency Standard requires that, for tanks up to 2,000 litres designed to contain hot water, the minimum required energy class is Class C. Thanks to important innovations in its insulation methods, Fiorini respects what is indicated in the specific Directive. The products for which an energy label is, at the moment, not mandatory are also designed and produced with the same criteria, in order to meet maximum efficiency and energy saving requirements.

Product and system label

The energy label for the product indicates product performance in terms of consumption, and the system label identifies the efficiency specifications of the heating and/or cooling system based on a scale expressed in Energy Classes from A+ to F. This label must be affixed to each single product and it is the responsibility of the retailer to make it clearly visible. The energy labels on our products/systems contain the following information:

I. company name and brand
II. model identification number
III. reference to heating functions for the premises and DHW
IV. efficiency class
V. nominal thermal power of the machine and/or dispersion (in relation to product type)
VI. sound level in dB (only on system label)
VII. possibility of system running on off-hours (only on system label)





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