

RIELLO RESIDENTIAL OFFER



RIELLO
Energy For Life

www.riello.com



RIELLO. ENERGY FOR THE FUTURE

A WORLD LEADER IN COMBUSTION TECHNOLOGY AND A REFERENCE PLAYER IN RESIDENTIAL AND COMMERCIAL HEATING AND AIR CONDITIONING.

TECHNOLOGY, SUSTAINABILITY,
AND INNOVATION WITH AN **ITALIAN HEART.**

WHO WE ARE

A HERITAGE OF RELIABILITY AND EXPERTISE, SYSTEMS DESIGNED FOR COMFORT AND READY FOR THE ENERGY TRANSITION.

3
R&D Centers

5
Manufacturing Plants



Italy

A Angiari (VR)



B Lecco (LC)



C Legnago (VR)



D Volpago del Montello (TV)



447M\$

net sales in 2025 for Riello's global operations, including group brands

ABOUT 1200

employees worldwide, of which **650 in Italy**

CUTTING EDGE TECHNOLOGIES:

Next generation hybrid systems, heat pumps, IoT integration, ultra low NOx burners compatible with biogas, biofuel, and 100% hydrogen.

A SOLID INTERNATIONAL PRESENCE BUILT ON LONG TERM PARTNERSHIPS

• **Subsidiaries in major geographic areas:**

Italy, France, Germany, UK, Spain, Poland, Romania, USA, Canada, China.

• **Active presence in over 40 strategic markets.**

• **250+ sales partners.**

CERTIFICAZIONI OTTENUTE:

ASME, SICAL, CSA Group, ETL (Intertek), ISO 9001:2015, KGS, TSE, UL, 17025:2017, kiwa, IMQ, EAC, CCC, GAR

Canada
Mississauga



Poland
Torun



China
Shanghai



**OVER A CENTURY OF TECHNOLOGICAL
PROGRESS, DRIVEN BY PROJECTS AND
SOLUTIONS DESIGNED TO MAXIMISE THE
EFFICIENT USE OF EVERY FORM OF ENERGY.**

1922

1920
1940

1940
1960

1960
1980

1980
1990

1990
2000

2000
2010

2010
2020

2021

2022

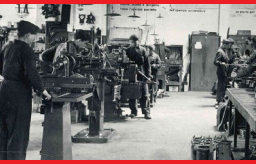
2023

2024

2025

In 1930, the first **Riello burner plant** opened in Legnago, Italy.

In the 1950s, series **production of burners and air conditioners** began.



Riello Export was established in Padua to develop international activities. These decades saw major **investments in advertising, commercial initiatives, and a steady expansion of the product portfolio.**

In 1993, Riello won the **first innovation award** at the Interclima fair in Paris.

In 2001, Riello inaugurated a **production site** for WALL-HUNG boilers in Torun, Poland.



In 2019, the **ARRAY COMMERCIAL BOILER** won first prize in the "Hydronic Heating and Air Conditioning Products" category at the **MCEE fair** in Montreal, Canada.

The **PRO HYBRID WALL SYSTEM** receives the Archiproducts award for **design**.

The **MODULAR CONDEXA HPR BOILER** won the Archiproducts Design Award for **design and engineering**.

The new monobloc air to water heat pump range with R290 refrigerant, **NXHP**, received the Archiproducts Sustainability Award for combining innovation and environmental responsibility.

The launch of the next generation **RIELLO ADAPTO HYBRID** intelligent hybrid systems and the **SPRINT IN-WALL BOX** full electric built in system won the 2025 Archiproducts Design Awards.



Riello founded the **Ettore Riello Technical School**, now an Academy dedicated to internal and partner training.



The **first international plant** opened in Mississauga, Canada (pictured), along with the Combustion Research Center in Angiari (VR).



Riello **expanded** across **Europe and Asia**.

In 2013, Riello launched the **first hybrid system for residential applications**.

In 2020, the **TAU N** stainless steel condensing boiler received the **Archiproducts Design Award** for its innovative design.



The **START BOILER** was recognised as a **"best buy"** by Altroconsumo.



The **FAMILY HM CONNECT BOILER** received the Archiproducts Award for **design and sustainability**, recognising its **balanced integration of aesthetics, functionality, and innovation**.



HYBRID SYSTEM



With **ADAPTO HYBRID**, Riello inaugurates a generation of hybrid systems for the residential sector named **NEX-HY™**, the new platform designed to guide users towards a more sustainable future without compromising on living comfort.

THE RANGE

Riello offers **two commercial configurations:**

ADAPTO HYBRID START 3.5 – 25

consisting of RIELLO ADAPTO 3.5, HYBRID HYDRAULIC KIT, START 25 KIS and Hi, Comfort T300-Hy

ADAPTO HYBRID START 3.5 – 30

consisting of RIELLO ADAPTO 3.5, HYBRID HYDRAULIC KIT, START 30 KIS and Hi, Comfort T300-Hy

The 5 kW model of RIELLO ADAPTO and its relevant commercial configurations, with the 25 and 30 kW sizes of the START KIS boiler, will be available from the half of 2026.

HYBRID WALL SYSTEM RIELLO ADAPTO HYBRID

- Heat pump energy class A++ (35°C)** or A+ (55°C)**.
- Condensing boiler energy class A***.
- Proprietary intelligence stored in the system interface and also manageable via app
- Smart Grid Ready: designed to work in synergy with modern smart energy distribution networks.
- Simultaneous operation of boiler and heat pump to always achieve minimum operating costs
- Silent operation



Compared to a TRADITIONAL HEATING SYSTEM with a condensing gas boiler only, with RIELLO **ADAPTO HYBRID** you can:

-70%* **REDUCE CO₂** emissions by up to 70%

-35%* **SAVE up to 35% of YOUR ANNUAL BILL**

*Indicative estimate, based on an internal study conducted in Riello's R&D labs, using a simulator, subject to variations based on various factors, such as gas and electricity rates, the surface area of the home, the level of thermal insulation, and the geographical area.



HYBRID SYSTEMS-WALL-HUNG SOLUTION RES WALL-HUNG SPLIT HYBRID SYSTEM

- Energy class A* (Wall-hung boiler) *** , A+++ (35°C)** or A++ (55°C)** (heat pump).
- Wall-hung boiler power range from 25 to 35kW
- Heat pump: wall-hung split air-water type, power range from 4 to 16 kW.

** The energy efficiency class range for this system category is from D to A+++
*** The energy efficiency class range for this category of systems is from D to A+++ in heating and from F to A+ in domestic hot water production

HEAT PUMPS



MONOBLOC HEAT PUMP NXHP 004-014

- Energy class A+++ (35°C)* or A++ (55°C)* in heating mode
- Available in 8 different models
- Heating capacity from 4.0 to 13.8 kW (1 phase) and 11.4 to 13.8 kW (3 phase)
- Almost zero environmental impact thanks to natural refrigerant R290 (GWP100 = 0.02)
- HP Keymark certified performance
- Up to 4 units in cascade system
- Compact size and low weight: ideal for small spaces
- Low noise operation



Heating



Cooling



Domestic hot water***



MONOBLOC HEAT PUMP NXHM 004-016

- Energy class A+++ (35°C)* or A++ (55°C)* in heating mode
- Available in 10 different models
- Heating capacity from 4.2 to 15.9 kW (1 phase) and 12.1 to 15.9 kW (3 phase)
- Use ecological R32 refrigerant (GWP = 675)
- HP Keymark certified performance
- Cascade system up to 6 units even with different power inputs
- Silent operation



Heating



Cooling



Domestic hot water***



MONOBLOC HEAT PUMP NXHM 018-030T

- Energy class A+++/A++ (35°C)* or A++/A+ (55°C)* in heating mode
- Available in 4 different models
- Heating capacity from 18.0 to 30.0 kW (3 phase)
- Use ecological R32 refrigerant (GWP = 675)
- HP Keymark certified performance
- Cascade system up to 6 units even with different power inputs



Heating



Cooling



Domestic hot water***



Wall-hung SPLIT HEAT PUMP FAMILY SPRINT

- Energy class A+++ (35°C)* or A++ (55°C)* in heating mode
- Available in 10 different models
- Heating capacity from 4.2 to 15.9 kW (1 phase) and 12.1 to 15.9 kW (3 phase)
- Use ecological R32 refrigerant gas (GWP = 675)
- HP Keymark certified performance
- Cascade system up to 6 units even with different power inputs
- Compact dimensions, ideal for both replacement and new construction
- Silent operation



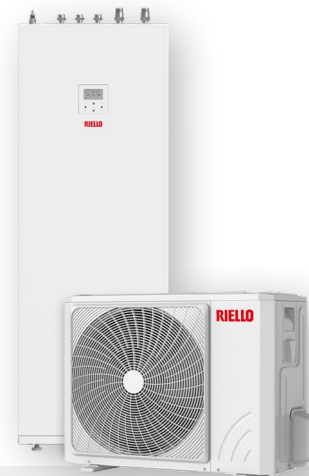
Heating



Cooling



Domestic hot water***



FLOOR STANDING SPLIT HEAT PUMP DOMUS M

- Energy class A+++ (35°C)* or A++ (55°C)* for heating and A+ ** for domestic hot water
- Available in 10 different models
- Heating capacity from 4.2 to 15.9 kW (1 phase) and 12.1 to 15.9 kW (3 phase)
- Integrated domestic hot water cylinder of 190 L or 240 L
- Use ecological R32 refrigerant gas (GWP = 675)
- HP Keymark certified performance
- Compact all-in-one design
- Silent operation



Heating



Cooling



Domestic hot water

*** with optional accessory

* The range of energy efficiency class of this products category is between D and A+++
** The range of energy efficiency class of this products category is between F and A+

AIR CONDITIONING



**RESIDENTIAL SINGLE INVERTER WALL-HUNG AIR CONDITIONER
AARIA MONO PLUS I - AMW PI**

- High efficiency and savings, with energy class up to A+++ in cooling and A++ in heating*
- Available in 3 power range, 2.5, 3.5 and 5.0 kW
- R32 heat pump
- Customized comfort thanks to customizable functions, including Eco Sensor, which automatically activates energy saving mode when no one is present in the room
- Indoor unit with a modern design, particularly quiet thanks to dedicated functions
- Wi-Fi module available as option



Infrared control



**RESIDENTIAL MONO INVERTER CEILING/FLOOR AIR CONDITIONER
AARIA MONO PLUS I - AMS**

- High efficiency and savings, with energy class up to A+++ in cooling and A+ in heating*
- Available in 2 power range, 3.5 kW and 5.0 kW.
- R32 heat pump
- Indoor unit designed for ceiling or floor installation, with on-board display and air distribution through the deflector
- Carefully designed indoor unit with clean lines, particularly quiet thanks to dedicated functions inputs
- Silent operation



Infrared control



**RESIDENTIAL FLOOR-STANDING MONO INVERTER AIR CONDITIONER
AARIA MONO PLUS I - AMC**

- Efficiency and cost savings, with energy class up to A++ in cooling and A+ in heating*
- Available in 2 power range, from 2.5 kW to 3.5 kW.
- R32 heat pump
- Floor-mounted indoor unit with on-board display and dual airflow, adjustable directly on the unit
- Compact and functional design of the indoor unit, ultra-quiet in QUIET mode
- Cascade system up to 6 units even with different power inputs



Infrared control



**RESIDENTIAL CASSETTE MONO INVERTER AIR CONDITIONER
AARIA MONO PLUS I - AMK**

- Efficiency and savings, with energy class up to A++ in cooling and A+ in heating*
- Available in 3 power range, from 2.5 kW to 5.0 kW.
- R32 heat pump
- Cassette-type indoor unit for optimal comfort with zero space requirements
- Complete and uniform airflow distribution, even in rooms with high ceilings such as commercial environments



Infrared control



**RESIDENTIAL DUCT-CONNECTED MONO INVERTER AIR CONDITIONERS
AARIA MONO PLUS I - AMD**

- Efficiency and savings, with energy class up to A++ in cooling and A+ in heating*.
- Available in 3 power range, from 2.5 kW to 5.0 kW
- R32 heat pump
- Duct installation indoor unit, among the most compact in its category, for small commercial spaces
- Air flow control thanks to motorized deflectors and low noise level of the indoor unit
- Compact all-in-one design
- Silent operation



Remote control wired included



**RESIDENTIAL SINGLE AND DUAL SPLIT INVERTER WALL-HUNG AIR CONDITIONER
AARIA START N - AMW ST N**

- Efficiency and savings, with energy class up to A++ in cooling and A+ in heating*
- Available in 4 power range, 2.5, 3.5, 5.0 and 7.0 kW.
- R32 heat pump
- Optimal comfort thanks to multiple functions and automatic cleaning of the indoor unit with sterilization at 56°C
- Up to two indoor units can be managed with a single outdoor unit (dual split). Indoor unit with a simple design, glossy white color, and particularly quiet operation
- Wi-Fi module available as option



Infrared control

* The range of energy efficiency class of this products category is between D and A+++

AIR CONDITIONING



RESIDENTIAL MULTI INVERTER AIR CONDITIONERS **AARIA MULTI PLUS I**

- Energy class up to A++/A+*
- Available in six versions
- Cooling power range from 5.0 kW up to 9.0 kW
- Condensing unit with up to 5 connections for indoor units.
- R32 heat pump
- Wide range of indoor units, including wall-hung, floor-standing, and ceiling-mounted models, as well as cassette and ducted units, for both residential and small to medium-sized commercial environments



Infrared control



Remote control wired included



COMMERCIAL CEILING/FLOOR-STANDING MONO INVERTER AIR CONDITIONER **AARIA PRO P-AMS P**

- Energy class up to A++/A+*
- Cooling power range from 7.1 to 13.6 kW.
- Heat pump in R32 with low environmental impact
- Solution for air conditioning of medium/large commercial premises such as shops, offices and public
- AUTORESTART function in case of blackout



Infrared control



COMMERCIAL MONO INVERTER-CASE AIR CONDITIONER **AARIA PRO P-AMK P**

- Energy class up to A++/A+*
- Cooling power range from 7.1 kW to 13.6 kW
- Heat pump in R32 with low environmental impact
- Solution for air conditioning of medium/large commercial premises such as shops, offices and public
- AUTORESTART function in case of blackout



Infrared control



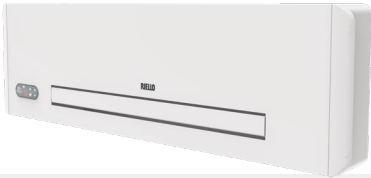
COMMERCIAL MONO INVERTER AIR CONDITIONERS-DUCTABLE **AARIA PRO P-AMD P**

- Energy class up to A++/A+*
- Cooling power range from 7.1 kW to 13.6 kW
- Heat pump in R32 with low environmental impact
- Solution for air conditioning of medium/large commercial premises such as shops, offices and public
- AUTORESTART function in case of blackout



Remote control wired included

TERMINAL UNITS



WALL-MOUNTED FAN COIL **DESIGN WALL**

- 3 models available, with power from 1140 W up to 2340 W in cooling mode from 1610 W to 3250 W in heating mode
- Suitable for residential and small commercial applications
- Available in two versions: equipped with remote control and on board touch display or in combination with control panel wall mounted TOP (Design Wall 11÷23P)



FAN COIL **DESIGN INVERTER - DESIGN S INVERTER - DESIGN INVERTER PLUS**

- Design inverter h 580mm
- Design inverter S h 380mm
- Design inverter plus h 580mm with front panel for radiant effect
- Different models with a cooling capacity from 530 W up to 4560 W and a heating capacity from 780 W up to 4860 W
- DC Brushless motors: the DESIGN INVERTER save up to 50% in electricity compared to the fan coils with traditional motors (ON/OFF)



FAN COIL FOR RECESSED INSTALLATION **IN INVERTER - IN INVERTER PLUS**

- In inverter h 580mm
- In inverter plus h 580mm with front panel for radiant effect
- Different models with cooling capacity from 830 W up to 4560 W and a heating capacity from 1090 W up to 4860 W.
- Possibility of choosing between two dedicated functions: PERFORMANCE for commercial needs, when high efficiency and high effectiveness are required, and COMFORT for residential needs, to ensure always maximum low-noise operation
- Electrical consumption that is 50% lower than fan coils with traditional motors (ON/OFF type)



CASSETTE FAN COIL **RK N HYDROLINE**



- 6 models available
- Designed for heating and/or cooling solutions both for residential or commercial applications wherever a ceiling installation is required in order to meet specific architectural needs
- Extremely low noise level



WALL-CEILING MOUNTED FAN COIL **NUOVO ACU-NUOVO ACU F**



- 7 models with 3 row coils with output from 17,3 to 63 kW
- 4 models for cooling with 3 row coils with output from 19,6 to 42,2 kW
- Water air-heaters designed for the heating and cooling of small and medium-sized areas,
- Such as warehouses, storehouses, laboratories, sports centres.

CONDENSING WALL-HUNG BOILERS






CONDENSING WALL HUNG BOILER
FAMILY HM CONNECT

- Energy class A+*
- 3 power range: 25,30,35 kW
- 2 combi models
- 1 heating only version model
- IoT Ready: advanced touch interface, range already equipped with the advanced Hi, Comfort T300 thermostat for remote connection
- Hydrogen Ready 20%
- High energy efficiency (94%) for considerable savings in consumption

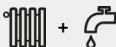




Combined versions Heating only versions






CONDENSING WALL-HUNG BOILER
FAMILY HM

- Energy class A+*
- 3 power range: 25,30,35 kW
- 3 combi models
- 2 heating only version models
- High energy efficiency (94%) for considerable savings in consumption
- IoT ready: advanced touch interface, connectable with the advanced Hi, Comfort T300 thermostat, available as an accessory
- Hydrogen Ready 20%
- Silent operation

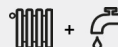




Combined versions Heating only versions

CONDENSING WALL-HUNG BOILER WITH WATER HEATER
RESIDENCE HM AQUA

- Energy class A*
- 25 or 35 kW combi boiler with 30-liter stainless steel bi-tank
- 2 combi models
- High energy efficiency (94%) for considerable savings in consumption
- Hydrogen Ready 20%
- With integrated 30 L boiler, even for multiple simultaneous hot water deliveries





Combined versions Heating only versions






CONDENSING WALL HUNG BOILER
RESIDENCE HM

- Energy class A*
- 4 power range: 20, 25, 30, 35 kW
- 3 combi models
- 2 heating only version models
- High efficiency and energy savings
- IoT Ready: elegant and intuitive touch interface, also connects with the advanced Hi Comfort thermostat, T300
- Hydrogen Ready 20%
- Smart design and quiet operation, ideal for indoor

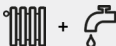



Combined versions Heating only versions

CONDENSING WALL HUNG BOILER
START

- Energy class A*
- 3 power range: 15, 25, 30 kW
- 2 combi models
- 2 heating only version models
- Hydrogen Ready 20%
- Compact design and accessories for universal installation (indoors, in-wall and outdoors, provided the location is partially protected)
- Excellent value for money




Combined versions Heating only versions




COMMERCIAL INDOOR WALL-HUNG GAS CONDENSING MODULES
CONDEXA HPR

- Energy class A*
- Available in 4 models
- Thermal modules from 35 up to 70 kW
- Designed to operate with natural gas and hydrogen mixtures, up to a maximum of 20% of hydrogen
- Condensing thermal modules for indoor use
- Possible cascade up to 280 kW



Heating only versions

*HEATING: the energy efficiency class of the products ranges from D up to A+++ / DHW: the energy efficiency class of the products ranges from F up to A+

RESIDENTIAL BOILERS



**CONVENTIONAL FLUE LOW NOX WALL-HUNG BOILER
START LN**

- Energy class C in heating, B in DHW*
- Available with 24 and 28 kW outputs
- 2 combi models
- Low NOx emissions <56 mg/kWh.
- 8 litre expansion tank
- Can interface with the remote Control panel



**ROOM-SEALED WALL-HUNG BOILER
START**

- 3 power range: 24, 28 and 35 kW
- 3 combi models (NG and LPG)
- 1 heating only version model
- CTR system to achieve faster desired comfort and reduce fuel consumption
- Frost protection function which protects the heating and DHW circuits down to -3 °C, with the possibility of extending protection down to -10 °C (as optional)



**CONDENSING FLOOR STANDING BOILER
INSIEME EVO COND**

- Energy class A in heating, B in DHW*
- Steel boilers with oil burner for heating only or combined with storage for DHW production
- Outputs up to 70 kW
- Low pollutant emissions, class 3 according to eN 267 (NOx≤100mg/kWh)



**STANDARD FLOOR STANDING BOILER
INSIEME EVO e LN**

- Energy class B in heating, B in DHW*
- Steel boiler with low combustion pollutant emission one-stage light oil burner
- Versions are available for heating only or combined with instantaneous domestic hot water production or with storage
- Low pollutant emissions, class 3 according to eN 267 (NOx≤100mg/kWh)

* The range of energy efficiency class of this products category is between D and A+++

WATER-HEATERS



WALL HUNG DHW AIR-WATER HEAT PUMP **NEXAQUA**

- Energy efficiency class A+*
- 2 sizes: 80-120 liters tank
- The unit consists mainly of a mini heat pump and a tank
- The mini-heatpump, heat the water contained in the in the tank up to 55 °C in heat pump operation and up to 75 °C thanks to the additional electrical resistances.
- Touch Screen Display



FLOOR STANDING DHW AIR-WATER HEAT PUMP **NEXPRO ACS**

- Energy efficiency class A+*
- The unit consists of a heat pump and a tank
- 3 tank sizes: 180-250-250 with internal coil
- DHW production up to 62°C with heat pump
- Heat pump operating range – 5°C/+35°C
- Solar integration through RSS pump station



CONVENTIONAL FLUE LOW NOx INSTANTANEOUS GAS WATER HEATER

AQUAFUN2 LN P

- Energy efficiency class A*
- 2 Models available:11, 14 L (NG and LPG)
- Power range from 18.5 kW up to 27.5 kW
- Instantaneous open chamber gas water heater with low NOx emissions (NOx < 56mg/kWh)
- Sustainable sanitary comfort thanks to water cooling burner



ROOM SEALED LOW NOx INSTANTANEOUS GAS WATER HEATER **RIELLO MINI LN**

- Energy efficiency class A*
- 3 Models available:11, 13, 17 L (NG and LPG)
- Power range from 19.9 kW up to 30 kW.
- Water heater with low NOx emissions <56 mg/kWh

RIELLO

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