SUMMARY

HRC 70 .................................................................p 06
High temperature heat pump

HRC 70 Hybrid NEW ........................................p 10
Hybrid pilot for high temperature heat pump

EDEL .................................................................p 12
Revolutionary heat pump water heaters

COLLECTIVE SOLUTIONS ........................................p 18

PULSATOIRE ..................................................p 24
Gas condensing boiler with pulse reactor

LÉLIA + NEW ..................................................p 26
Wall mounted modular gas condensing boiler

GIALIX ...........................................................p 28
Electric, modular wall mounted boilers

HYDRAULIC DISTRIBUTION ..................................p 30
Logix, CIC modules, Thorix EVOLUTION

ARÉNAL ..........................................................p 33
The new gas fireplaces

GAS RADIATORS ................................................p 34

LEGEND

Energy class indicator of the product (from A++ to G depending on the product) according to the European eco-design directive.

Product respecting NF Electricité Performance ★ ★ ★ regulations, certifying its safety, quality and performance.

CE ★★★★ labeled product, certifying it’s efficiency.

Product is Eurovent certified, according to European regulations.

Product powered by the R290 refrigerant, HFC-free and not subject to the F-GAS regulation, and therefore usage of the product is patented by AUER.

Product with Auer patented technology.

Product respecting national thermal building regulations.

Low carbon and energy efficient solution product.

Product satisfying tax credit criteria (differs based on location).
More than 125 years of innovation to offer a full range of heating and hot water solutions for domestic, commercial or industrial installations. For new or renovated buildings.

A French enterprise dedicated to regional development, Auer designs, develops, and produces their appliances at its site in Feuquières-en-Vimeu, which also integrates their own research and development centre.

With over 125 years of experience in the heating industry derived from their conventional products (gas, electric and fuel), for the last ten years AUER has been putting their focus into deploying products using renewable energy sources.

Their products, which have been the subject of several technological patents, all aim for high energy performance and are all environmentally friendly from their conception. The products are made using recycled materials, HFC-free refrigerant, short circuit and more.

Auer provides a low carbon solution while following all European ErP Directives as well conforming to all national thermal building regulations.
Here products are designed, developed and tested with constant regards towards innovation and reliability.

Over 1000m² of research laboratory equipped with climatic testing facilities permits us to test our machines in real life conditions to ensure proper functionality. We thereby guarantee the high performance and optimized efficiency of each of our products.

A number of our knowledge bases in regards to innovation:

- Material science
- Fluid mechanics
- Thermodynamics
- Metallurgy
- Acoustics
- Cogeneration
- Accumulation
- Inertia
- Combustion
- Recuperation of heat
- ENERGY SAVING

ALWAYS MORE ENERGY EFFICIENT FOR AN UNRIVALLED COMFORT LEVEL.

Engineers, industrial designers, technicians and prototypists: many different professionals to help discover the technology of tomorrow.
Find our advice and responses to our frequently asked questions on our site (www.auer.fr) FAQ rubric:
- presale advice
- installation
- operating instructions

Answers to your questions can be found on our site through tutorial videos.

Our approved technical centres and Auer technicians are available wherever Auer products are sold to provide you with the best possible service.

**AUTOMATED PRODUCTION PROCESS**

The extension of our factory provides 12,000 m² of new ways to automate production for the fabrication of heat pumps and heat pump water heaters.
The HRC\textsuperscript{70} heat pump is the ideal solution to replace a gas radiator for up to 75\% of energy savings.

**HIGH PERFORMANCE**

- A genuine high temperature heat pump which provides heating up to 70°C even on the coldest of days.
- Modulating heating capacity: an innovating combination of two compressors of differing power levels, with a high compression level, to constantly adjust the supply of heat to match the current heating need.
- Equipped with a multifunctional hydraulic pilot for turnkey installation.
- Can ensure your domestic hot water tank heating without any back-up required.
- Up to -20°C outside, it heats using only the heat pump.

**SILENT**

- Extremely quiet due to the low-speed fan.
- Noise reduction technology for improved airflow and acoustics.
- 4 adjustable shock-absorbing feet on the base.
- Sound isolated compressor chamber.

**ECO-FRIENDLY**

- Auer heat pumps are produced with the non-fluorinated refrigerant, R290. It has 1400 times less impact on greenhouse gas emissions than the refrigerants used in standard systems.
- This eco-friendly refrigerant is not subject to mandatory annual maintenance checks nor the European F-GAS regulations.

RESULT:

For every 1 kWh of electricity used, there is up to 4,9 kWh of heat returned to the circuit, leading to almost 80\% of energy savings.

The equivalent of 10 tons of CO\textsubscript{2} emissions avoided.
HRC⁷⁰ ADAPTS ITS PERFORMANCE BASED ON THE DEMANDS OF THE SEASONS

- **Mid-season,** only the small compressor runs.
- **First frost,** the large compressor takes over to increase heating capacity.
- **Cold season,** both compressors run to provide maximum heating capacity.

**WHY IS THE HIGH TEMPERATURE HEAT PUMP HRC⁷⁰ IDEAL WHEN RENOVATING?**

- When renovating, it can serve to replace an older heating system equipped with a high-temperature radiator circuit.
- Not only is the HRC⁷⁰ high performing it is also capable of providing domestic hot water at a high temperature.
- To ensure your central heating and maintain your comfort, you need to be able to have your radiators as well as hot water. Only a high temperature heat pump is capable of doing both using only the heat pump, leading to higher energy savings.

"It works on our existing radiators, we don’t have to change anything in the house, that is very important!"

(Testimony from a customer in the Somme area)
AN HRC\textsuperscript{70} PILOT FOR ALL CONFIGURATIONS

For domestic: from 7 to 35 kW

The hydraulic pilot:

- The pilot provides smart decoupling of the water flow in each circuit, making your installation safer and more reliable.
- It degasses, decants, and desludges your installation.
- It enables you to control 2 heating circuits (some models).
- It is equipped with a 0 to 6 kW electrical back-up (some models).
- The one-piece heat pump includes a factory installed, hermetically sealed circuit. No refrigerant connection required: a simple hydraulic connection is sufficient.

Perfect for:

High temperature circuit
- high temperature radiators

Low temperature circuit
- heated floors
- low temperature radiators
- fan radiators

In existing or new building
- individual houses
HRC70 system in battery for the tertiary and small collectives from 35 to 140 kW

- The battery allows the HRC70 to heat a house, a hotel, a residential complex, a school, a warehouse, offices, a factory, an agricultural installation, and more.
- Heating capacity increases in stages.
- An improved seasonal COP.
- Wall mounted hydraulic regulation system allowing the connection of up to 4 HRC70 systems.
- The unit allows for flexible installation.
- The out / in pipes are reversible for an installation in all configurations.

DS 150 PILOT DOMESTIC HOT WATER AND HIGH TEMPERATURE HEAT PUMP HEATING

FULLY EQUIPPED PILOT

- Hydro-electronic pilot integrated into the tank, installed inside the house.
- Compact solution equipped to manage both domestic heating and hot water.
- Cast iron heating body guaranteed for 20 years.
- Modulating electrical back-up from 0 to 4,5kW as standard.
- Large surface hot water heat exchanger.

EASY INSTALLATION

Compatible with HRC70 7 to 25 kW
The ideal solution for a technico-economic plan which combines high performance with the high-temperature of the heat pump and a back-up boiler.

**HRC70 HYBRID**

Hybrid heat pump 5 and 7 kW

**HRC70 FUEL HYBRID**

Heat pump + pilot at base with integrated fuel back-up boiler

**HRC70 UNIVERSAL HYBRID**

Heat pump + wall mounted pilot for connection to boiler (all energy types)

**HOW DOES IT WORK?**

- In France, on average 90% of the heating period corresponds to outside temperatures ranging from 0°C to 15°C. The coldest days represent only 10% of the heating period.

- The HRC70 Hybrid offers a good economic compromise. The power the heat pump provides permits it to cover the majority of the heating period with an exceptional COP.

- Due to its capacity to provide domestic hot water, the heat pump continues to run on the coldest of days. The back-up generator therefore works to ensure the maximum heating capacity.

- The HRC70 Hybrid system allows you to gain significant savings by assuring the production of domestic hot water all year long using the heat pump.

- The HRC70 Hybrid system is much more economical than a fuel only boiler.

- Standard COP up to 5 (HRC70 5 kW à 7/35).

---

**Annual distribution of consumption of a boiler**

(Average data in France)

- Energy consumption (kWh)
- Consumption of the boiler

---

**Annual distribution of consumption of an HRC70 Hybrid**

(Average data in France)

- Energy consumption (kWh)
- Heating assured by the HRC70 heat pump
- Heating assured by the boiler only

---

**NEW**
ADVANTAGES

• When replacing an aging boiler, the HRC\textsuperscript{70} Hybrid system is the ideal solution: economical yet without compromising comfort.
• An ideal solution when the electrical capacity needed does not permit the use of a high temperature heat pump which would meet all your needs.
• An ideal solution to improve your home’s energy performance.
• The hybrid pilots are compatible with the HRC\textsuperscript{70} 5 and 7 kW heat pumps.
• Compatible with an existing hot water tank.

INSTALLATION PLAN

• HRC\textsuperscript{70} Hybrid FUEL: Heat pump + hydraulic pilot with integrated fuel burning backup

• HRC\textsuperscript{70} UNIVERSAL Hybrid: Heat pump + pilot with connection to a boiler (all energy types)

NEW INTELLIGENT CONTROL

• New user friendly interface
• Connectivity
• Energy counter

NEW INTELLIGENT CONTROL

• New user friendly interface
• Connectivity
• Energy counter
The heat pump water heater EDEL uses free calories from the air to ensure domestic hot water production, due to the heat pump placed under the hood.

It consumes up to 5 times less than a standard electric water heater, and enables you to save up to 80% of energy on domestic hot water production.

**THE MOST ECONOMICAL**

- Edel is classified in the highest energy efficiency class: it is the best solution for both new-builds and renovation projects.
- It extracts free calories from the air up to an outdoor temperature of -7°C, and supplies domestic hot water as well as maintains it at 60°C using only the heat pump.
- It is ultra-quiet and can easily be installed in your living space.
- On average the EDEL consumes only 250 W. This allows for lower energy consumption and a lower electricity bill.
- The ideal solution in domestic hot water production: the most economical and the most ecological.

**CONSUMES UP TO 5 TIMES LESS**

*Annual consumption for DHW production: Study equivalent to a 100 m² home*

- Gas condensing boiler: 1630 kWh
- Electric water heater: 1790 kWh
- Heat pump water heater on the market: 710 kWh
- Edel 200: 360 kWh

**FINDING THE RIGHT WATER HEATER FOR YOUR NEEDS**

A hot water heater at the optimal capacity consumes less energy. AUER offers a full range of products to better respond to your needs, and to guarantee the maximum amount of savings.

<table>
<thead>
<tr>
<th>Volume of the tank</th>
<th>Number of showers* (morning + night)</th>
<th>Number of baths* (night)</th>
</tr>
</thead>
<tbody>
<tr>
<td>80 L</td>
<td>2 + 2</td>
<td></td>
</tr>
<tr>
<td>100 L</td>
<td>3 + 3</td>
<td>1</td>
</tr>
<tr>
<td>150 L</td>
<td>3 + 2</td>
<td>1</td>
</tr>
<tr>
<td>200 L</td>
<td>5 + 2</td>
<td>2</td>
</tr>
<tr>
<td>270 L</td>
<td>6 + 3</td>
<td>2</td>
</tr>
</tbody>
</table>

* Indicative data in addition to household uses, based on typical normative hot water draw. To maximize Edel’s performance, it is important to not connect it to the peak/off-peak hours control.
THE MOST ECOLOGICAL

- Contains no greenhouse effect gases.
- Unique: Edel uses a small quantity of non-fluorinated refrigerant. It guarantees a low environmental impact which is 1000 times less than standard heat pump water heaters.
- It contributes to the reduction of CO₂ emissions due to its low energy consumption and high performance.

THE MOST ECOLOGICAL SOLUTION THROUGHOUT ITS LIFESPAN

<table>
<thead>
<tr>
<th>Equivalent CO₂ emissions over 15 years (kg)</th>
<th>Gas condensing boiler</th>
<th>Electric water heater</th>
<th>Heat pump water heater on the market</th>
<th>Edel 200</th>
</tr>
</thead>
<tbody>
<tr>
<td>5848 (CO₂)</td>
<td>2417 (CO₂)</td>
<td>2785 (CO₂)</td>
<td>489 (CO₂)</td>
<td></td>
</tr>
</tbody>
</table>

A MAJOR INNOVATION

- Patented design eHD heat exchanger with micro-channels

The eHD heat exchanger is 100% aluminium. Its asymmetric micro-channels provide a perfect contact with the tank and a very high heat transfer, leading to an outstanding heating quality.

AIR CONNECTIONS

WALL MOUNTED EDEL
Connection by concentric air duct 80/125 Ø with a patented-technology design.

FLOOR STANDING EDEL
Air connection up to 10 m by flexible or rigid ducts 160 Ø.
While other water heaters require a tedious installation, Edel AIR wall mounted needs only one small 125mm concentric air duct.

**UNIQUE: PATENTED INSULATED CONCENTRIC AIR DUCTS**

- **OUTDOOR AIR**
  - Horizontal air duct
  - Vertical air duct

- **AMBIENT AIR**
  - Unheated room
  - Unheated room with exterior air exhaust

- Only one hole to drill due to the small diameter of the insulated concentric air duct (125 mm).
- Up to 5m of air conduits with piping.
- Up 10m of air conduits with a chimney.

**SEVERAL CONNECTION OPTIONS**

**EDEL ADAPTS TO A MULTITUDE OF CONFIGURATIONS**

With the pre-drilled wall bracket, Edel can be affixed to the wall using the existing holes from your previous water heater!

- Can be wall mounted on a tripod (optional).
- Several connection accessories available (see current pricing guide).
Due to its effortless installation procedure, this model is a favourite of professionals. Light and easily manipulable, it easily passes through doors and tight staircases to fit in any kind of housing.

**OPTIMAL DESIGN**

- A tank completely constructed of stainless steel which stops corrosion = less maintenance.
- Extremely compact: 630mm Ø.
- Air connections which can be rotated 360°.
- Automatic variable-speed fan.
- Over 90% less CO₂ emissions.

**EASY INSTALLATION**

**LIGHT AND COMPACT**

Diameter 630 mm
Height:
- Edel 200 L: 1,42 m
- Edel 270 L: 1,69 m

**100% STAINLESS STEEL**

High quality and sturdy stainless steel products lead to sustainable energy savings.

**COP**

standard up to 3,5

Edel 270 with a heat exchanger which can be connected to a back-up boiler

- A+
DO YOU HAVE UNDERFLOOR HEATING?

Edel WATER uses the water returned from your underfloor heating or other low-temperature heat circuit to heat your domestic water.

UNBEATABLE QUALITIES

- The integrated heat pump extracts calories from the water from the return flow of your underfloor heating to provide an unbeatable COP.
- Outstanding thermal and acoustic performances.
- No air duct: only a hydraulic connection, giving you total freedom of choice for the location of installation in your house.
- Up to 60% more energy efficient for DHW production than a heat pump which provides both heating and hot water.
- Wall mounted or floor standing options for 100L and 150L models, floor standing only for 200L and 270L models.
- Extremely silent.

CONNECTION TO UNDERFLOOR HEATING

In winter, Edel WATER extracts calories from the air outside, and using the underfloor heating generator as an intermediary, produces water at 60°C.

In summer, Edel WATER extracts the free heat from the floor and uses it to heat your domestic water, while at the same time cooling the house.
AUER provides the only heat pump water heater on the market that operates with underfloor heating.

HIGHLY EFFICIENT

- The energy accumulated at low temperatures from the hydraulic floor is used by the Edel WATER to economically produce your domestic hot water.
- Extremely compact, it can be integrated anywhere in the home.
- Its integrated micro-circulator consumes only 5 W.
- Edel WATER can improve your thermal comfort even in summer!

ULTRA QUIET

- No fan making it even quieter.
- High-performance compressor fit on silent blocks.

PROBLEM-FREE INSTALLATION

- Water diversion device included
- Set your preferred water temperature.
- Choose your mode according to your needs: BOOST, COMFORT, ECO or HOLIDAY.
- The heat pump operates an automatic anti-bacterial cycle.

SIMPLE TO USE INTUITIVE CONTROLS

- High efficiency
- Problem-free installation
- Ultra quiet operation
- Simple to use
- Intuitive controls
The Air Collective Edel system is the most energy efficient individual solution for collective living.

- Edel ACE is an individual hot water heater equipped with an air duct optimized to supply/exhaust air from the roof.
- Water heaters are connected to a central concentric air duct.
- Each heat pump works individually.
- No visible holes in the façade of the building and only one exterior hole is needed in the roof.
- Edel ACE: a wide range of capacity (80, 100, 150L) both wall mounted and compact.
- Problem-free installation in apartment buildings, no suspended ceiling or soffit needed.
- More room for living space.
- Edel ACE is the ideal solution for low carbon new-build or renovation projects.
Innovation: Balanced flow system with tube in tube air distribution system

Edel ACE is the solution for low carbon buildings

- Easy to install.
- Compactness.
- Conforms to building construction regulations.
- Compatible with flat or inclined roofs.
- A single hole through the wall due to its patented-technology air ducts.

### Characteristics of the collective air duct

<table>
<thead>
<tr>
<th>ACE system Øint/Øext</th>
<th>Diameter of double air duct</th>
<th>Angle before exit to roof</th>
<th>Distance of height between 2 appliances(3)</th>
<th>Standard (&lt;1m)(1)</th>
<th>Extended(3) (up to 5m)</th>
<th>Maximum number of appliances in a column</th>
</tr>
</thead>
<tbody>
<tr>
<td>125/200</td>
<td>2 x 125</td>
<td>Straight</td>
<td>3 metres</td>
<td>3</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 x 45°</td>
<td>3 metres</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>160/250</td>
<td>2 x 160</td>
<td>Straight</td>
<td>3 metres</td>
<td>4</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 x 45°</td>
<td>3 metres</td>
<td>3</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>200/300</td>
<td>2 x 200</td>
<td>Straight</td>
<td>3 metres</td>
<td>6</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 x 45°</td>
<td>3 metres</td>
<td>5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(1) Length of connection between the collective air duct and the CET.
(2) Height between two floors equipped with the CET (6m for duplex apartments).
MEGAPAC70

CENTRAL HEAT PUMP WATER HEATER

from 7 to 140 kW

- A one-piece heat pump with a simple hydraulic connection between the exterior units and the hydraulic pilot.
- Water capacity of up to 12 000L.

- A multifunctional pilot managing:
  - Heat pump
  - DHW\(^{(1)}\) preparation
  - Water loop
  - Security
- Easy installation.

- Megapac has the lowest carbon impact on the market (1.5 kg to 5.6 kg eq CO2).
- Anti-legionella treatment.

A SILENT SYSTEM

\(^{(1)}\) DHW = Domestic Hot Water

\[\begin{array}{c}
\text{primary exit} \\
\text{primary return}
\end{array}\]

\[\begin{array}{c}
\text{HRC heat pump} \\
\text{HRC heat pump}
\end{array}\]

\[(1)\text{ preparation}]

\[\begin{array}{c}
\text{MegapAC pilot} \\
\text{MégaPAC pilot}
\end{array}\]

\[\begin{array}{c}
\text{Hot water tank} \\
\text{Hot water heater and water loop}
\end{array}\]

- R 290
- PATENTED technology


- Equivalent to a wall-mounted gas condensing boiler
- Equivalent to a standard heat pump
- Equivalent to a whispered conversation

\[\begin{array}{c}
50 \text{ dB(A)} \\
44 \text{ dB(A)} \\
38 \text{ dB(A)} \\
32 \text{ dB(A)}
\end{array}\]
**ZEPAC70**

**CENTRAL HEATING AND HEAT PUMP WATER HEATER**

- Independent management of DHW\(^{(1)}\) preparation.
- Specific management of water loop with dedicated tank.
- "Heating management with intelligent stratification"\(^{(2)}\).
- Zepac much more economical than a gas alternative.
- With Zepac there is no boiler, which means no exhaust duct.
- Space saved from a boiler room can be used in other ways: eg., technical offices or parking spaces.

**ECO-FRIENDLY**

- The lowest CO2 emissions on the market.
- GWP\(^{(2)}\)-system < 5kg.CO2.eq.
- 30% gain compared to a gas powered collective heating system.
- Ideal solution to attain higher output levels.

---

\(^{(1)}\) DHW = Domestic Hot Water

\(^{(2)}\) GWP = Global Warming Potential
LOGIX + MTHL

THERMAL MODULE WITH DOMESTIC HOT WATER STORAGE CAPACITY

An ideal solution for service shafts: Logix + MTHL

All the advantages of a boiler room with the comfort of individual control and personal energy consumption!

An ideal solution for apartment service ducts: Logix GTL with integrated decoupling bottle

NEW

PATENTED TECHNOLOGY

1 Circulator pump(s)
2 Heating supply pipe
3 Heating return pipe
4 Domestic cold water pipe
5 MTHL hydraulic distribution module
6 Domestic cold water collector
7 Radiator / underfloor heating circuit
8 Logix module
9 Multifunctional Onix bottle
10 Optional features: - Room thermostat - Room temperature sensor
• The most eco-friendly gas condensing boiler on the market, with the best energy consumption levels (see page 22).

• Less power required.

• Heating capacity increases in stages.

• Only the required energy will be used, dependent on exterior temperatures.

• Power production is decentralized, which prevents distribution losses and affords you more flexibility for managing your heating.

**VS**

**TANK HEATERS**

from 500 to 3,000 L

• Enamelled tank.

• Coiled thermal heat exchanger.

• Soft-cover casing, category M1 fire safety.

• Thick steel, tested to 10 bars.

• Ideal heating solution when combined with the Pulsatoire gas boiler or the HRC® heat pump.
PULSATOIRE
GAS CONDENSING BOILER WITH PULSE REACTOR
from 20 to 240 kW

This dynamic gas condensing boiler using double turbulence provides a better transmission of calories to the heat exchanger. The genius of the Pulsatoire: its simple design, ease of installation, ease of use, and its high efficiency.

COMBUSTION EXHAUST THROUGH A SIMPLE PVC PIPE

The combustion exhaust being released can go down to 25°C, and so the Pulsatoire does not necessitate the installation of a special pipe.

EFFICIENT

- A full range of products to suit any installation:
  - Boilers from 20; 32; 40 and 60 kW,
  - From 64 kW to 240 kW for tertiary.
- An astonishing performance, up to 109% on LHV: the temperature, over 800 °C in the combustion chamber, lowers down to 25°C when it leaves the boiler.
- 4 times less electricity consumption: no need to extract combustion materials. The Pulsatoire consumes up to 4 times less electricity than other gas condensing boilers.

ECO-FRIENDLY

NOx on LHV (mg/kW.h)

<table>
<thead>
<tr>
<th>Standard CE level 1</th>
<th>High performing boiler level 2</th>
<th>Standard CE level 5</th>
<th>Standard CE level 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>260</td>
<td>200</td>
<td>10</td>
<td>0</td>
</tr>
</tbody>
</table>

The pulse reactor function limits the amount of greenhouse gases (CO₂) and brings NOx emissions down to almost zero.

BASED ON NF STANDARD TS502-1
• Heating capacity increases in stages.
• Only the required energy will be used, dependent on exterior temperatures.
• Unlimited heating capacity: heating capacity can easily reach several hundred kilowatts, making it possible to heat: a hotel, an office building, a factory, an agricultural installation, etc..

According to calculations and thermal data findings, waste when appliances are not running have more impact on a building’s energy consumption than when they are running.

The Pulsatoire’s extremely low waste levels when not running makes it the most efficient gas condensing boiler room solution.

THE BEST ENERGY CONSUMPTION LEVELS
up to 5 times less waste when not running (depending on model)

According to calculations and thermal data findings, waste when appliances are not running have more impact on a building’s energy consumption than when they are running.

The Pulsatoire’s extremely low waste levels when not running makes it the most efficient gas condensing boiler room solution.
LÉLIA+
NEW
WALL MOUNTED OR FLOOR STANDING
GAS CONDENSING BOILER

from 3,5 to 30 kW

Instantly available micro-accumulated domestic hot water.
Easily programmable for your comfort.

- Heating and domestic hot water
- Wall mounted or floor standing
- Chimney or duct
- Controllable at a distance
- Kitchen format: 40 cm tall

EASY
INSTALLATION & MAINTENANCE
In NEW and OLD buildings

EFFICIENT

- Maximum thermal comfort (★★★ according to EN13203).
- The Lelia+ constantly maintains the DHW temperature in its stainless steel heat exchanger. This means there is always hot water instantly available (programmable feature and can be de-activated).
- Optimum efficiency of up to 109% on LHV and energy savings of up to 40%.
- Modulating domestic hot water regulation of 3,5 to 24 kW dependent on exterior temperatures to ensure smooth functionality.
- Modulating water temperature control up to 30 kW to provide domestic hot water at the desired temperature, even in large quantities.
- Self-learning function for efficient domestic hot water.
- Hydraulic distribution panel integrated into the body of the boiler leading to less thermal waste.

RELIABLE

- Stainless steel condensing heating body.
- Tested parts, provided by leaders in their domain.
- Hydraulic block made from composite material to prevent the formation of sludge.
- A filter valve with a stainless steel screen protects the heating circuit from dirt and debris.

INTUITIVE

- Energy consumption display.
- Programmable modes: Comfort and Vacation.
- Freeze protection function.
A FULL PRODUCT RANGE THAT ADAPTS TO YOUR LIVING SITUATION

EASY TO INSTALL

+ The main hydraulic components are integrated into the hydraulic distribution panel, making it incredibly compact.
+ The unit is delivered with two hanging and connecting bars which allow for installation in two steps (the boiler can be installed the same day it is put into service).
+ Very light, it can easily be wall mounted by one person.
+ 40cm tall for a perfect fit in the kitchen.

• NEW FUNCTIONS:
  - USB port to view operating history.
  - Integrated assistance on initial start-up of the unit.
  - Special function for installation in a series: copy settings from one unit to another via USB port.

• DIRECT ACCESS:
  - Incredibly quick and easy access to all of the boiler’s components and accessories via the front panel with only two screws to remove.
  - Removable side walls for 180° access.
  - Safe and simple connection to vapour exhaust pipe with a connection elbow which can rotate 360°.
  - Built-in bypass means that there is no need for a differential valve, even on an installation which is fully equipped with thermostatically controlled valves.
  - The installation can be degassed quickly, through an integrated high-performance degassing chamber, to quickly purge the installation.
  - Combustion analysis measurements can be taken externally without opening the boiler.
  - Easily change gas through the hood.

HEATING
MIX + instant
ACCUMULATION + preparer not supplied
WALL HUNG PROFUSION + accumulated + instant
FLOOR STANDING PROFUSION + accumulated + instant
SEASONAL EFFICIENCY 100% GUARANTEED
Every kW used goes back into your heating.

WELL DESIGNED

The carefully chosen components and smart design make the Gialix an extremely quiet and reliable boiler.

- No storage tank or fuel pipes needed.
- Odourless.
- No CO/CO₂/NOx emissions.
- No risk of gas or fuel leaks.
- No chimney or vent needed.
- No installation work required.
- No mandatory annual maintenance.
- Only one energy provider needed.
- Integrated load shedding function.
- Energy billed after use.
- Stable energy costs.
- Ultra-quiet modulating regulation.

UNIQUE

- The boiler degasses naturally due to the hydraulic connections located on top of the boiler.
- Access to all hydraulic components through the front of the boiler.
- Hydraulically equipped for up to 24 kW.
- The inertia of the cast iron heating body means it operates smoothly and steadily, giving you greater comfort.

Heating and domestic hot water for new-builds and renovation projects:

Domestic from 2 to 24 kW
Tertiary from 36 to 196 kW

CAST IRON service block making the Gialix the most efficient electric boiler

- Sturdy and corrosion proof.
- Durable throughout its lifespan.
- 100 % recyclable.
- Moulded one-piece block: with all of the hydraulic pieces integrated, eliminates the need for fuel pipes and also eliminates the risk of gas or fuel leaks.

An outstanding boiler with outstanding performance
DOMESTIC USE

Maximum power, adjusted to comply with the latest thermal regulations

- 6 kW: - from 0 to 2 kW
  - from 0 to 4 kW
  - from 0 to 6 kW

- 12 kW: - from 0 to 2 kW
  - from 0 to 4 kW
  - from 0 to 6 kW
  - from 0 to 8 kW
  - from 0 to 10 kW
  - from 0 to 12 kW

- 16 kW: - from 0 to 2,7 kW
  - from 0 to 5,3 kW
  - from 0 to 8 kW
  - from 0 to 10,7 kW
  - from 0 to 13,3 kW
  - from 0 to 16 kW

TERTIARY USE

- Designed for the housing and tertiary sectors (radiator, underfloor heating, unit heaters, domestic hot water etc.).
- Community domestic hot water with a plated heat exchanger or heating tank.
- Back-up for renewable energies.
- Wall mounted and extremely compact, easy to install anywhere.

GIALIX 12MT - 2 CIRCUITS

- Designed to supply 2 independent heating circuits.
- 2 independent cast iron heating bodies.

GIALIX DS

ELECTRIC BOILER WITH DHW STORAGE FOR HEATING AND DOMESTIC HOT WATER

All the advantages of the Gialix MT with the added comfort of having a rapidly regenerating supply of hot water on demand.

- Replaces your old gas boiler and eliminates the need for several service subscriptions: you only need one metre in your home!
- Ultra-precise controls, identical to those in the Gialix MT range.

- Adjustable power output from 2 to 16 kW (depending on model).
- 80L domestic hot water tank.
- 155 L of hot water output at 40°C in only 10 minutes.
- Only 25 minutes needed for the tank to regain its temperature(1).
- 5 times less scale than an standard electric water heater: the solution for hard water!

(1) from 40 to 65°C in 25 min
Logix is a substation which manages heating and domestic hot water production for your accommodation using energy from a central boiler room. It includes an 80L or 120L volume of storage.

**THE GOAL:** to improve user comfort as well as the energy efficiency of the building, with up to 10% savings.

**UNIQUE ADVANTAGES**

- No need to maintain primary circuit temperature.
- No discomfort caused from the overheating of communal rooms in the summer.
- The comfort of accumulated DHW\(^1\).
- No plated heat exchanger = no scale.
- Individual electronic regulation including heating and DHW consumption displayed.
- Simplified design = optimised size and no unnecessary pipes.
- Simplified hydraulic balancing, with the MTHL module installed in the service shaft.
- No DHW loop needed as long as a maximum piping distance of 8m horizontally or vertically, is respected.

**MTHL** Multi-apartment thermal module for the Logix

*The interface is located in the service shaft between the collective network while the Logix units are installed in the apartments.*

**MTVL** Single apartment module for the Logix

*Heat-reading metres\(^2\) can be installed in the service shaft on MTHL, MTVL and Logix GTL modules to monitor the cost of your heating and DHW consumption.*
CIC MODULES
MULTI-APARTMENT DISTRIBUTION MODULES
FOR HEATING AND DOMESTIC HOT WATER

from 1 to 8 apartments

The interface is located in the service shaft between the collective network and the apartments.

LOWER COSTS

- The distribution circuits are hydraulically independent.
- Time saving installation.
- Set delivered pre-assembled and insulated.
- Space allocated for monitoring individual consumption.

STREAMLINING

- Easy-to-balance primary output, by level (apartment loops are automatically balanced).
- Easy-to-recognise circuits due to the layout of components.
- Easy access to all components.

1 to 8 apartments per floor

2 versions:
- standard accommodation
- New-builds with very low flow rate

THE RANGE

Heating modules

MTHC with circulator pumps

MTH2V with 2-way control valves with thermal actuators

Heating and domestic hot water modules

MDC with circulator pumps

MD2V with 2-way control valves with thermal actuators

The interface is located in the service shaft between the collective network and the apartments.

2 versions:
- standard accommodation
- New-builds with very low flow rate

THE RANGE

Heating modules

MTHC with circulator pumps

MTH2V with 2-way control valves with thermal actuators

Heating and domestic hot water modules

MDC with circulator pumps

MD2V with 2-way control valves with thermal actuators

The interface is located in the service shaft between the collective network and the apartments.

2 versions:
- standard accommodation
- New-builds with very low flow rate

THE RANGE

Heating modules

MTHC with circulator pumps

MTH2V with 2-way control valves with thermal actuators

Heating and domestic hot water modules

MDC with circulator pumps

MD2V with 2-way control valves with thermal actuators

The interface is located in the service shaft between the collective network and the apartments.

2 versions:
- standard accommodation
- New-builds with very low flow rate

THE RANGE

Heating modules

MTHC with circulator pumps

MTH2V with 2-way control valves with thermal actuators

Heating and domestic hot water modules

MDC with circulator pumps

MD2V with 2-way control valves with thermal actuators

The interface is located in the service shaft between the collective network and the apartments.

2 versions:
- standard accommodation
- New-builds with very low flow rate

THE RANGE

Heating modules

MTHC with circulator pumps

MTH2V with 2-way control valves with thermal actuators

Heating and domestic hot water modules

MDC with circulator pumps

MD2V with 2-way control valves with thermal actuators

The interface is located in the service shaft between the collective network and the apartments.

2 versions:
- standard accommodation
- New-builds with very low flow rate

THE RANGE

Heating modules

MTHC with circulator pumps

MTH2V with 2-way control valves with thermal actuators

Heating and domestic hot water modules

MDC with circulator pumps

MD2V with 2-way control valves with thermal actuators

The interface is located in the service shaft between the collective network and the apartments.

2 versions:
- standard accommodation
- New-builds with very low flow rate

THE RANGE

Heating modules

MTHC with circulator pumps

MTH2V with 2-way control valves with thermal actuators

Heating and domestic hot water modules

MDC with circulator pumps

MD2V with 2-way control valves with thermal actuators

The interface is located in the service shaft between the collective network and the apartments.

2 versions:
- standard accommodation
- New-builds with very low flow rate

THE RANGE

Heating modules

MTHC with circulator pumps

MTH2V with 2-way control valves with thermal actuators

Heating and domestic hot water modules

MDC with circulator pumps

MD2V with 2-way control valves with thermal actuators

The interface is located in the service shaft between the collective network and the apartments.

2 versions:
- standard accommodation
- New-builds with very low flow rate

THE RANGE

Heating modules

MTHC with circulator pumps

MTH2V with 2-way control valves with thermal actuators

Heating and domestic hot water modules

MDC with circulator pumps

MD2V with 2-way control valves with thermal actuators

The interface is located in the service shaft between the collective network and the apartments.

2 versions:
- standard accommodation
- New-builds with very low flow rate

THE RANGE

Heating modules

MTHC with circulator pumps

MTH2V with 2-way control valves with thermal actuators

Heating and domestic hot water modules

MDC with circulator pumps

MD2V with 2-way control valves with thermal actuators

The interface is located in the service shaft between the collective network and the apartments.

2 versions:
- standard accommodation
- New-builds with very low flow rate

THE RANGE

Heating modules

MTHC with circulator pumps

MTH2V with 2-way control valves with thermal actuators

Heating and domestic hot water modules

MDC with circulator pumps

MD2V with 2-way control valves with thermal actuators

The interface is located in the service shaft between the collective network and the apartments.

2 versions:
- standard accommodation
- New-builds with very low flow rate

THE RANGE

Heating modules

MTHC with circulator pumps

MTH2V with 2-way control valves with thermal actuators

Heating and domestic hot water modules

MDC with circulator pumps

MD2V with 2-way control valves with thermal actuators

The interface is located in the service shaft between the collective network and the apartments.

2 versions:
- standard accommodation
- New-builds with very low flow rate

THE RANGE

Heating modules

MTHC with circulator pumps

MTH2V with 2-way control valves with thermal actuators

Heating and domestic hot water modules

MDC with circulator pumps

MD2V with 2-way control valves with thermal actuators

The interface is located in the service shaft between the collective network and the apartments.

2 versions:
- standard accommodation
- New-builds with very low flow rate

THE RANGE

Heating modules

MTHC with circulator pumps

MTH2V with 2-way control valves with thermal actuators

Heating and domestic hot water modules

MDC with circulator pumps

MD2V with 2-way control valves with thermal actuators

The interface is located in the service shaft between the collective network and the apartments.

2 versions:
- standard accommodation
- New-builds with very low flow rate
USER-FRIENDLY, QUICK AND EASY TO INSTALL:

- For both NEW-BUILDS and RENOVATION PROJECTS: to manage a radiator circuit and an underfloor heating circuit.
- PLUS: when installed with a heat pump it assists the de-icing function.

ADVANTAGES

- Manages mixed circuit depending on the exterior temperature.
- Easy to test and adjust.
- Optimised annual performance.
- Compact, accessible and ready to connect.
- Ideal for use with heat pumps and gas condensing boilers.
- Reduced labour times and costs.
- Quick and easy wall mounting process.
- Heat pump de-icing assistance function: PATENTED TECHNOLOGY. The inertia from the underfloor heating serves as a heat reserve, which is needed for the heat pump de-icing cycles, making a larger reserve available.
- Integrated bypass.
- Outdoor temperature function: constantly measures the temperature delivered by the generator and simultaneously deducts the target temperature for the mixed circuit.
The new Arenal gas fireplaces are an attractive gas solution: economical, ecological and practical for single home dwellings.

- No dust or ash.
- No need to restock wood.
- Outstanding heating capacity.
- Weekly programming function available.
- Instant, no-risk ignition.

3 MODELS
- Vertical: the beauty of tall, dancing flames.
- Horizontal 700: easy installation in existing fireplaces.
- Horizontal 900: the pleasure of a panoramic view of the flames.
DULCIS & MV
LOW ENERGY MODULATING GAS RADIATORS

3 DULCIS models:
- from 100 to 1 000 W
- from 100 to 1 500 W
- from 100 to 2 200 W

5 MV models:
- from 100 to 1 200 W
- from 100 to 2 000 W
- from 100 to 3 000 W
- from 100 to 4 200 W
- from 100 to 6 500 W

INNOVATING AND ECONOMICAL: THE IDEAL HEATING SOLUTION

ADVANTAGES

• Very high heating capacity.
• Precise modulating control.
• NOx: category V in CE standards.
• AUER patented horizontal duct system.
• Low in power can be adjusted to your needs.
• No hydraulic circuit required.
• No electrical devices required.
• No mandatory annual maintenance required.
• Low installation costs.
• Can be mounted directly on the wall, fits everywhere in a room, even in corners.
• Easy maintenance without needing to remove the gas line.
• A design which combines simplicity and elegance to blend perfectly with any decor.
• Energy performance equivalent to that of a gas condensing boiler, without the need for annual maintenance.

CAST IRON HEATING BODY making them the most efficient radiators

• Radiates the steady, gentle heat which comes from inertia.
• Diffuses heat gently and consistently for guaranteed comfort.
• Sturdy and corrosion-proof.
• Long life span.
• 100 % recyclable.

PATENTED HORIZONTAL DUCT SYSTEM

• Moulded aluminium.
• Visually discreet.
• Easy to operate.
• The appliance functions with an airtight circuit which does not come into contact with the air in the room. No gas can escape into the apartment, thus eliminating the risk of CO or CO₂ poisoning.
Very low energy consumption.  
All the benefits of heating room by room.  
Less costly to install than a central heating system.

**MANY ADVANTAGES**

- Savings through direct heating: only the gas energy needed to heat the room is used. This means approximately 15% less energy is used than in a central heating system*.
- The remarkable reliability and indisputable durability of AUER cast iron heating bodies, which come with a 20-year guarantee**.
- Chimney or duct connection (depending on model).
- The modulating regulation enhances your comfort, as the radiators diffuse heat evenly, and operate ultra-quietly.
- These radiators work without electricity** and are unaffected by wind, floods, ice or snow.
- Simplified maintenance: no mandatory annual maintenance needed.
- Easy installation due to the horizontal duct connection (depending on model).
- For domestic or tertiary use.
- Choose between visible or invisible flame.

*R: High performance boiler  
**Excluding Séméru and Arénal stoves.
CERTIFIED TRAINING CENTRE (1)

We provide courses which enable participants to become operational immediately(2).

2 certified training centres in France:
- Feuquières -en-Vimeu
- Union

We offer professionals a wide range of courses on installations and heating and domestic hot water solutions.

Our training centres are equipped with specially adapted rooms for:
- handling materials in a real context.
- training with simulation control boards.

(1) Certified training organisation n° 22 75 01 376 80
(2) Courses available on demand. Minimum number of participants required.

DEMONSTRATION VEHICLES

Auer also organizes demonstration days using specially equipped vehicles installed with working units.

TECHNICAL SUPPORT / FAQ / CUSTOMER SERVICE

Find our advice and responses to our frequently asked questions on our site (www.auer.fr) FAQ rubric:
- presale advice
- maintenance
- operating instructions
- customer service
- installation

Our approved technical centres and Auer technicians are available wherever Auer products are sold to provide you with the best possible service.