

Thermostatic heads and connected thermostats, a tailor-made solution

Autonomous or programmable thermostat

In its autonomous version, the thermostat detects the presence and habits of the user and, depending on the activity within the home, activates the system for maximum comfort as soon as the users return without any intervention. Connected to a weather station, the thermostat anticipates heat gain from sun exposure or takes into account bad weather to adjust the heating accordingly. It is also available in a programmable version, which allows you to control your heating remotely according to the schedule you have set.

The package contains a thermostat, a heating module and a gateway to connect to the Internet.



Programmable head

The installation of programmable heads guarantees the same comfort as the installation of the thermostat but with added functionality:

- Room-by-room comfort: from the app it is possible to manage the temperature of each room according to your living habits, but also to control the humidity level of each zone
- Intelligent control: when an open window is detected, the programmable head closes automatically, thus avoiding any over-consumption of energy,
- The pack contains two electronic heads and a gateway to connect to the Internet.

Benefits for the user

Always the right temperature

Thermal comfort is optimised: the Comap Smart Home solution provides the right temperature at the right time. The system intelligently adapts to the needs of the occupants.

Energy savings

The heating is only activated when necessary for each room in the house.

A simple system

Very easy to use: no programming for the autonomous version, the system evolves daily.

The programmable heads can be installed in isolation or in addition to the thermostat as a coordinated solution



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Intelligent heating solution

COMAP

A reference partner for thermal and sanitary solutions, serving the comfort and environmental performance of buildings. French experts for almost 100 years in the fields of plumbing and HVAC, our solutions are harmoniously integrated into living spaces.

With around 600 employees, we design and manufacture control and connection technologies. They enable intelligent water and energy management and contribute to the comfort and well-being of occupants worldwide.

Comap is a company of the Aalberts Group.

Comap and Flamco are part of **Aalberts hydronic flow control**

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Comap helps installers to face their new challenges

The heating market is changing. Home automation, smart and connected devices ... The complexity of some systems and their applications makes it difficult to keep up to date.

As an industrial designer and manufacturer, the Comap Group is a provider of global solutions for comfort in buildings. Comap uses all of its expertise to support all its partners in this realm:

1st installation

Comap offers remote assistance during installation. Simply contact the technical department to make an appointment for this personalised assistance.

Training

Training sessions are organised to showcase the solution, its functions and its installation.

Support

A dedicated technical team is available by telephone to assist installers.

Pre- and post-sales technical support

Comap has set up a team of technicians to answer any questions. Before the sale, during installation or during maintenance, the teams are always available.



Today, 90% of thermostats are not correctly programmed.

This leads to frustration among users, who are disappointed that they are not experiencing the comfort of these solutions and are not achieving the energy savings they expected. Heating installers are sometimes called upon again by their dissatisfied customers who find it difficult to program interfaces that are not very user-friendly. In fact, 90% of home automation applications are only used in the first month. It is difficult for the system to be up to date if the user does not communicate the data!

The Comap solution is ergonomic and does not require programming in its autonomic version.

A flexible solution

Comap Smart Home optimises comfort

+ Learning habits (for the autonomous version)

Comap Smart Home takes into account the living habits of the users (presence, preferred comfort temperature, etc.) and guarantees them the right temperature at the right time, without any intervention. The result is optimised comfort and energy savings.

+ Weather station

The thermostat is based on weather station data and anticipates free sunlight or bad weather to adjust the heating accordingly.

+ Intelligent control

By complementing your installation with programmable heads, you can control and regulate the temperature according to the use of each room.

+ Anticipation of the inactivity of the heating system *

The inactivity of the building is analysed on a daily basis, allowing the system to determine the ideal time to start heating.

* Available with thermostat



+ Open window detection

When the programmable head detects a window opening, it closes automatically, thus avoiding over-consumption.

+ Compatible with most heating systems

The Comap Smart Home solution is compatible with underfloor heating, electric or hydraulic heating systems. Comap's programmable heads can be installed directly on most radiators in no time at all, or with the help of the accessories supplied in the kit.

Simple installation

Depending on the occupants' needs and installation, the thermostat and heads are available together or separately. The thermostat is available in two versions: autonomous and programmable.

Functions	Programmable solution	Autonomous solution
Remote control	●	●
Weekly programming	●	-
No programming, learning of habits	-	●
Managing the unexpected	Manual programming via the application	●
Calculation of the building inactivity *	●	●
Open window detection **	●	-
Taking the weather into account	-	●
Prolonged absence (holidays)	Manual programming via the application	●
Compatibility with Alexa and Google Home voice assistants *	●	●

* Only available with thermostat

** Only available with programmable head

The autonomous solution is intelligent: it does not require any programming. The user indicates whether he is too hot or too cold on the thermostat. With this information, the system identifies a comfortable temperature and habits. This way, it continuously updates itself and ensures optimised thermal comfort without any effort required.

For users to manage the programming themselves, the programmable solution allows them to **create their own operating ranges** according to the user's needs at the time of installation: definition of time slots, temperatures, remote control for the management of unexpected events, etc.



by COMAP The most

Easy to install

The Comap Smart Home heating system adapts to the existing equipment.

It is possible to install either the thermostat or the programmable heads alone or both systems together, depending on the users' needs:

if the system already has a thermostat, it can be replaced in 15 minutes, even if the home is occupied. If the system is already equipped with thermostatic valves, there is no need to drain the system. The solution can be installed in about 5 minutes in an occupied environment. All technical documentation is available in a few clicks at www.comap.aalberts-hfc.com