



IVY, our new system for controlling air quality and comfort in your home!

IVY SYSTEM

With the IVY product line, Airios introduces a new system that brings air quality and comfort in residential homes to the next level. The IVY system is designed to monitor and control air quality and temperature in each room of your house. Multiple sensors measure temperature, relative humidity, carbon dioxide and particulate matter to efficiently control your heating and ventilation system and provide insights in your indoor air quality and energy consumption as well. IVY control devices support a wide range of heat recovering ventilation systems and heat pumps to meet and exceed the next generation sustainable building regulations. The high-quality product design and compatibility with smart home systems makes the IVY system a perfect fit for any house.



IVY HOME

IVY Home is the central product in the IVY product line, which controls ventilation, heating and cooling in residential and light commercial buildings. The high-resolution display provides a user-friendly interface which gives full control of ventilation and comfort conditions in every room of your house. Four integrated sensors, temperature, relative humidity, carbon dioxide and particulate matter, measure the air quality and are used to automatically control the ventilation system and heat pump. We are all aware that gaining insights in air quality and energy efficiency is becoming more and more important. That is exactly what IVY Home does by providing easy understandable air quality and energy graphs through its user interface.

IVY PROVIDES CLEAR INSIGHTS IN ENERGY CONSUMPTION

WHAT MAKES IVY HOME UNIQUE?

There are four sensors integrated in the IVY Home controller, so there is no need for separate sensors or thermostats on the walls anymore. IVY Home continuously monitors the indoor air quality through its carbon dioxide, relative humidity, particulate matter 2.5 and temperature sensors. When the air quality goes below the comfort level the IVY Home shows a warning message on the display and the status LED bar turns orange. However, if IVY Home is set to automatically, it will adjust the ventilation level so that the air quality will be at optimal level.





FEATURES

- Complete home ventilation and heating control
- High quality blend-in design
- High resolution touch screen display
- On board air quality and temperature sensors
- Status bar and notifications
- Week, vacation, and automated programs
- Multi zone heating, cooling and ventilation
- Smart Home integration and control
- Wireless bridge and cloud gateway
- Professional services platform

AND THEREFORE AN OPPORTUNITY TO REDUCE COSTS.

HOW TO CONNECT IVY HOME?

As the central device of the IVY system, IVY Home connects to indoor sensors, actuators, room controllers, heating and ventilation systems, smartphone apps and cloud services.

IVY Home connects to other IVY products via the Airios wireless protocols or wired bus. Third party ventilation units and heat pumps connect via the on board OpenTherm® or MODBUS RTU interface or via external on/off relays or 0-10 V interface modules.

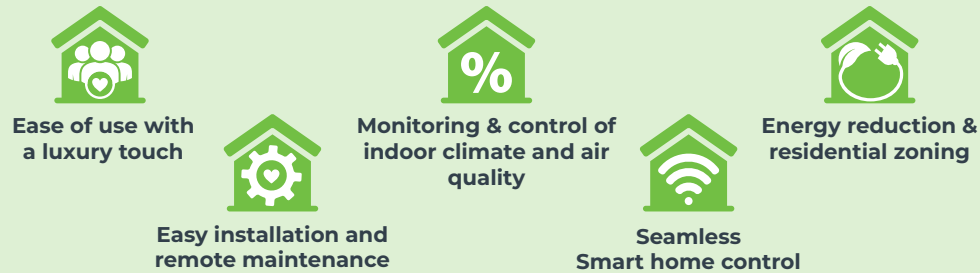
Airios cloud service and smart home applications connect via Wi-Fi and Matter.

The installer smartphone app uses BLE for maintenance and commissioning.

WHAT CAN YOU DO WITH IVY?

- Control the indoor air quality and comfort level in all rooms
- Minimize energy usage of heating and ventilation systems
- Minimize the impact on your interior design

IVY PLATFORM



EASY APP FOR INSTALLERS

The IVY installer smartphone app guides the installer through the setup process to minimize installation time and prevent errors. The app loads different language packs for most European languages, and it loads OEM custom settings for the IVY Home. During the installation and commissioning process, the app saves parameters which are relevant for quality reports that are being used for future references.

EXPANSION OF THE IVY PROGRAM

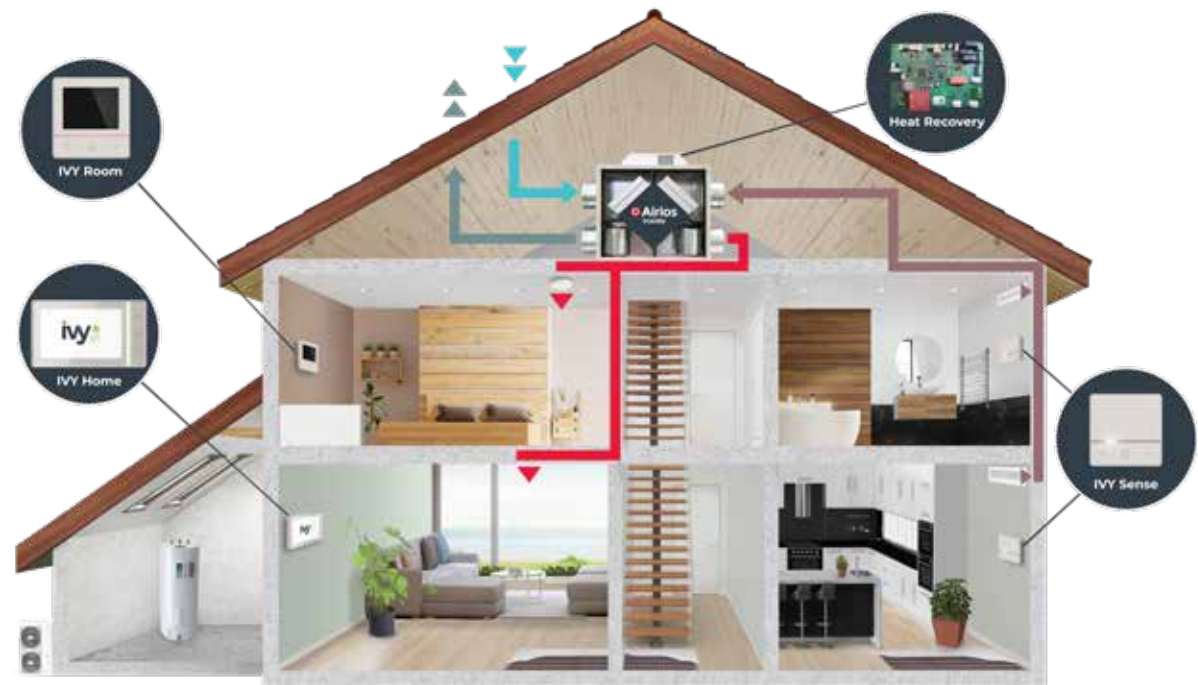
The IVY Home controller is the first product of the IVY product line and is the central controller of the home typically positioned in the living room. For the other rooms there will be separate controllers. The IVY Room is a small control display with built-in sensors that is used for multi-zoning. Each room can be set separately in terms of comfort. For the bathroom and kitchen there will be IVY Sense sensors. These sensors typically measure relative humidity and temperature. The IVY Room and IVY Sense will become available in a mains powered and a battery powered variant.



IVY ROOM



IVY SENSE



IVY, the new future in ventilation