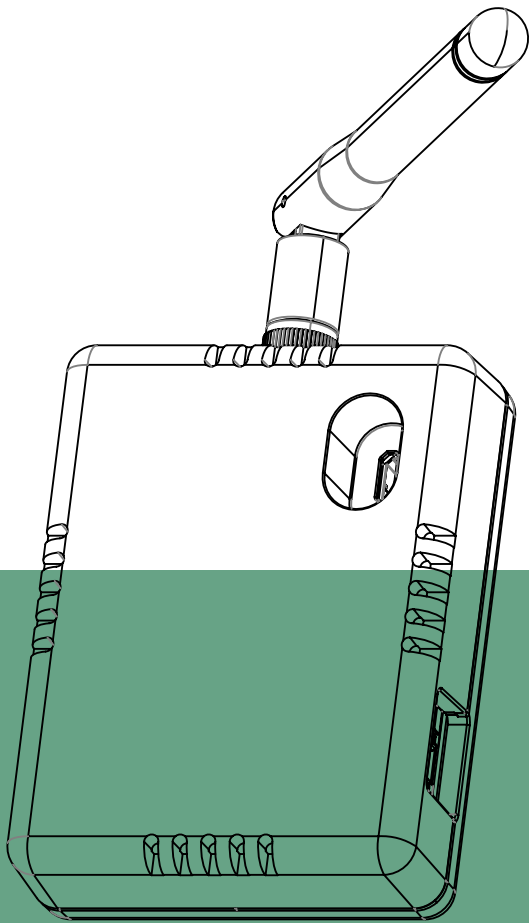


# MUONIO

FRESH & INTELIGENT



## G1 GATEWAY

*The MUONIO system is a network of smart devices for heating/cooling and ventilation applications that brings comfort to your home.*

*The Gateway (G1) is the heart of the MUONIO system. It incorporates all of the relevant features required to create, commission, and operate a smart heating/cooling and ventilation system.*

*The Gateway is connected to the Local Area Network (LAN) on one side through an ethernet cable and from the other side, it is wirelessly connected to different MUONIO smart devices in your home allowing you full control of all your heating/cooling and ventilation requirements.*

INFORMATION BOOKLET

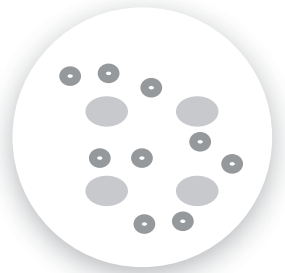
# Features



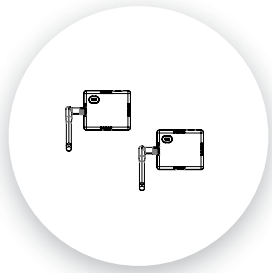
*The G1 Gateway connects the MUONIO network of heating and ventilation devices to the internet via an Ethernet port from one side and a wireless mesh network on the other side.*



*If there is no internet the system can still be connected and controlled locally through the local network/router.*



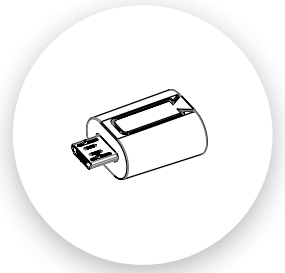
*The G1 Gateway can control up to 4 sensors/zones and up to 9 other MUONIO devices of various types.*



*It is possible to interconnect multiple gateways if more control points are required.*



*The Gateway constantly monitors your home climate through the app.*



*Initial system setup couldn't be easier. Use the ID KEY to join the different devices to the system and arrange the devices to your requirements through the software. No engineers needed.*

# Zones - Different Climate in Different Rooms

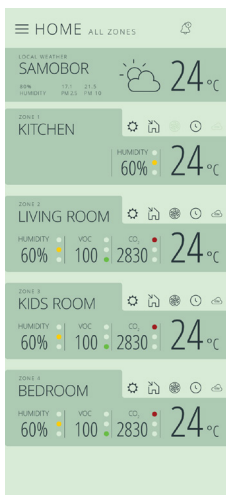
ZONE 1  
KITCHEN

ZONE 2  
LIVING ROOM

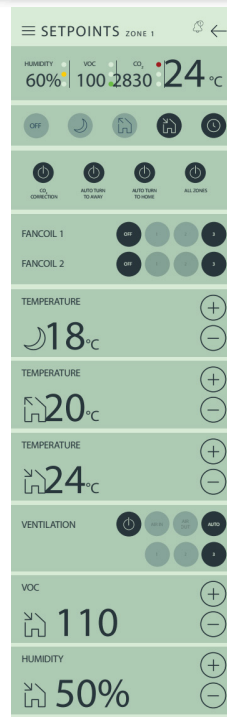
ZONE 3  
KIDS ROOM

BATHROOM

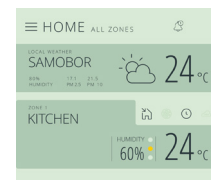
ZONE 4  
BEDROOM



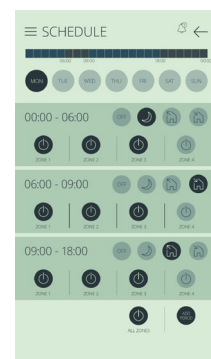
Monitor and control any room/zone in your home/building. Depending on the sensor you have connected to a particular room/zone, you can monitor temperature, humidity, and air quality (VOC).



Each zone is capable of controlling the heating/cooling, UV-C devices, and ventilation requirements (if installed).

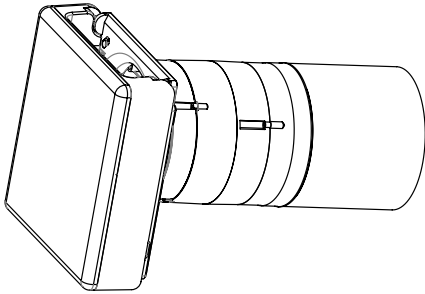


Monitor outdoor temperatures and local climate conditions in real-time on the home page.



Setup zone schedules.

# Currently supported devices

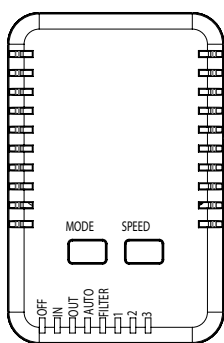
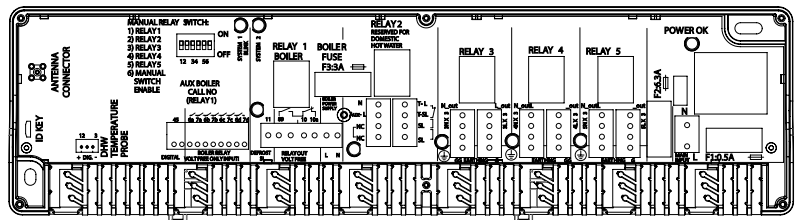


## HR1

The heat recovery ventilation device works in pairs and can recover up to 87.5% of exhausted heat. It is a decentralized ventilation system making it is easy to install, operate and maintain.

## SE1

Smart Energy Switch can control various heating and cooling circuits (heat pumps, boilers, radiators, fan coils, pumps, valves, etc). In the software, it is possible to connect an outlet to any zone.



## AQS1

The AQS1 is a temperature/air quality measuring device that is used to create and control individual zones, it comes in 2 variants:

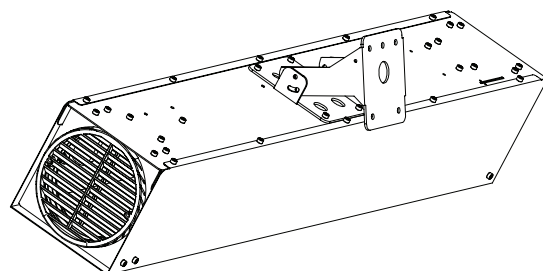
AQS1\_TH: Temperature & humidity sensor

AGS1\_THV: Temperature, humidity & VOC (air quality) sensor

The AQS1 also has a local control interface for the HR1 heat recovery ventilators where you can change the mode of work, speed and check for a filter alarm.

## UV-L 110 Disinfectant Unit

UV-C air treatment is an environmentally friendly and chemical-free method of sterilizing air that does not produce harmful byproducts during sterilization.



# Technical information

*Power supply: Micro USB - 5 V DC*

*Radio frequency: 2.4 GHz*

*Ethernet connection for internet connectivity*

*Connector for ID Key*

*Package contents:*

- Gateway
- Operating instructions,
- ID Key
- Ethernet cable
- Adapter 230 V, 50 Hz to 5 V DC with USB cable
- External antenna

