AIRZONE

# Telepítői **katalógus**

# 2026/27

**HVAC-VEZÉRLÉS, LEVEGŐMINŐSÉG, FOGYASZTÁSMÉRÉS**

# CLIMATE CONTROL PEOPLE

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# Toward **conscious** climate control

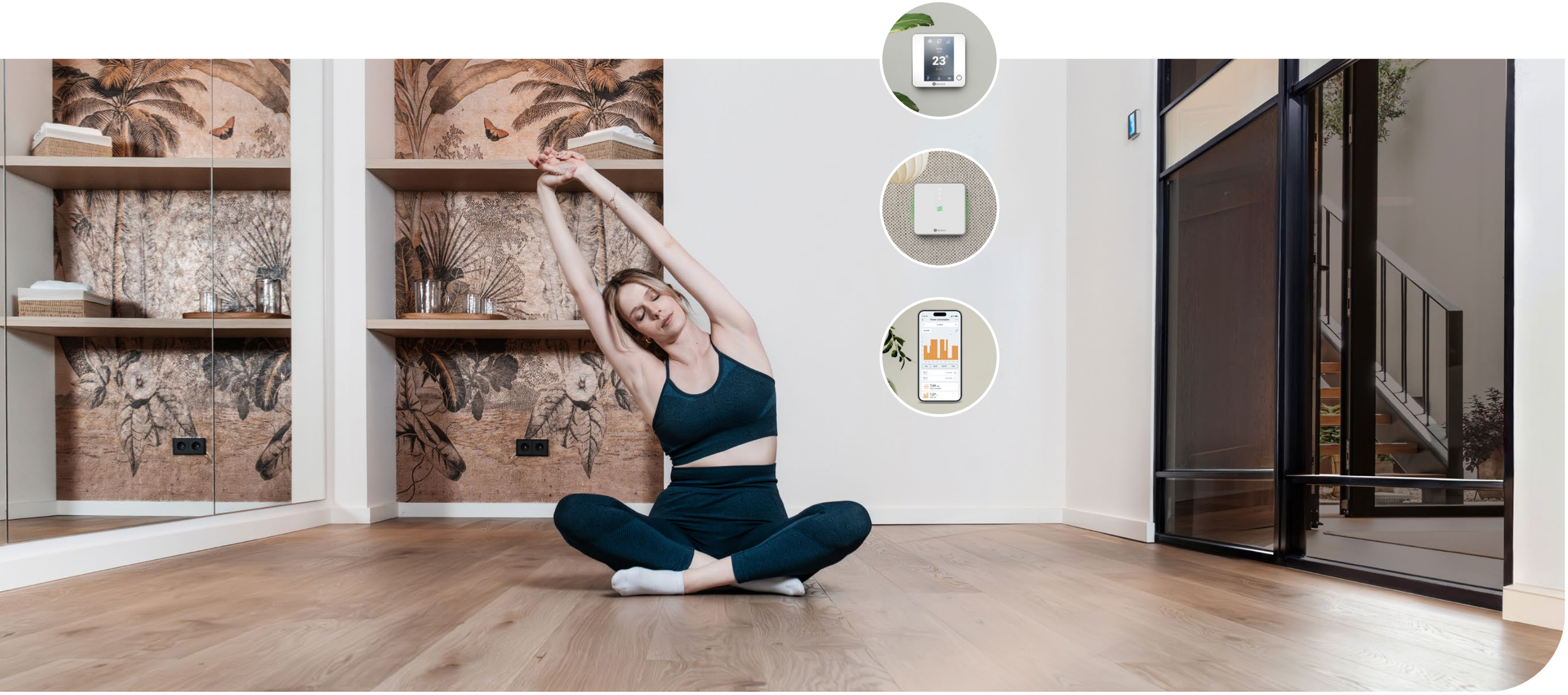
At Airzone, we develop technology that helps create **healthier, more efficient, and more connected indoor spaces.** We leverage the value of data to transform HVAC into an intelligent system **capable of optimizing energy resource management, comfort, and indoor air quality.**

We no longer see efficiency simply as reducing consumption, but as a smart, **managed approach to electricity use—one that adapts energy consumption to real demand,** availability, and the habits of the people in the space.

**We drive the integration of air conditioning, heating, ventilation, and domestic hot water systems** with other building and home management systems, adapting HVAC and the production of domestic hot water operation to real-world conditions and actual demand—both user needs and grid conditions.

We believe that **well-being** is achieved through **efficiency, innovation, and responsibility**, along a path where technology **serves people and sustainability.**

This approach is embodied in **a range of solutions designed to enable conscious climate control and domestic hot water.**



# Local manufacturing, **global** impact

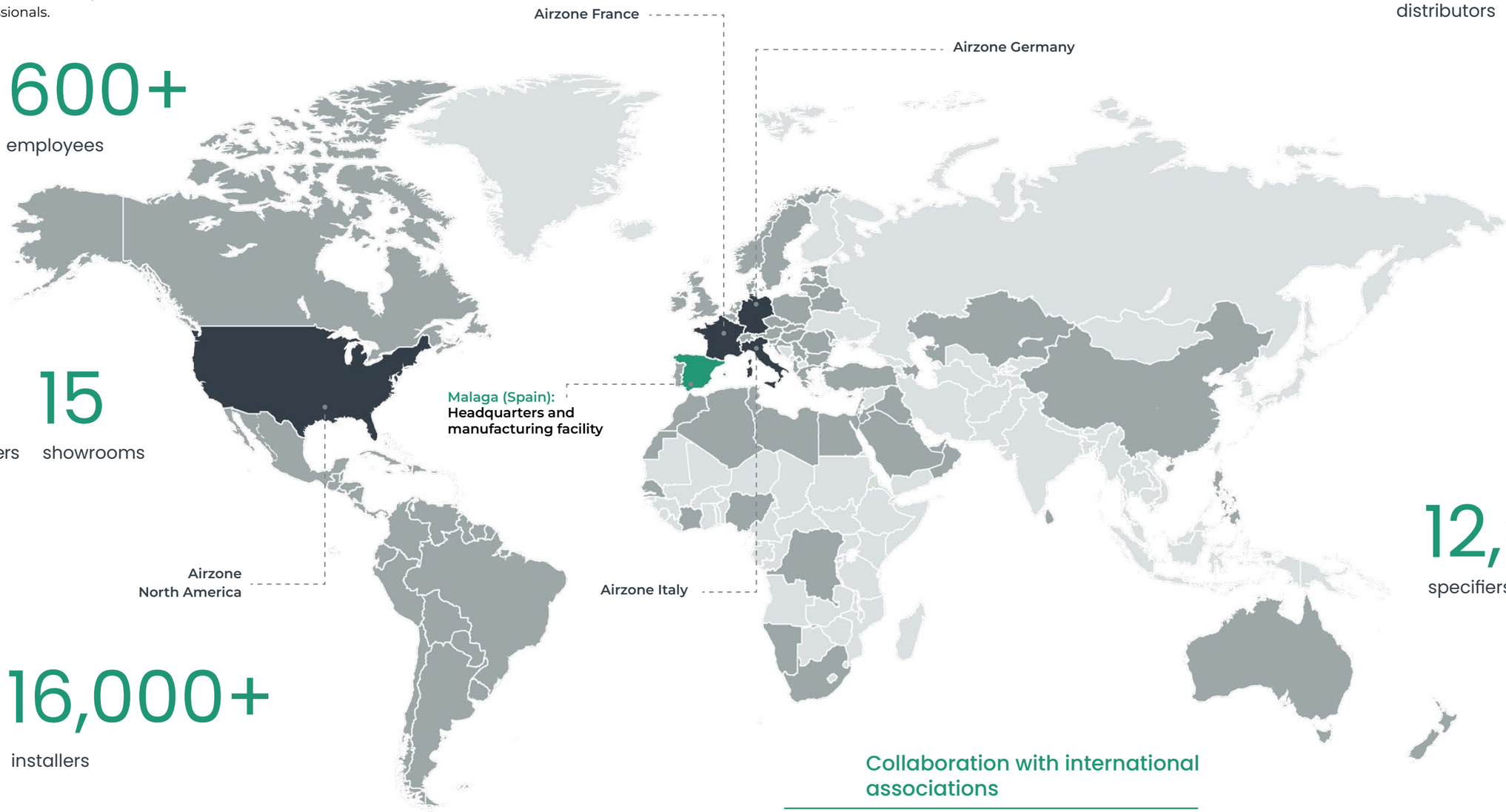
**Airzone develops and manufactures its solutions in the European Union** and distributes them worldwide through a broad network of partners, distributors and industry professionals.

**600+**
employees

**5**
headquarters

**15**
showrooms

**16,000+**
installers




**3,000+**
distributors

**12,000+**
specifiers

## Collaboration with international associations

In Europe, we collaborate with AHPA, KNX, PORT PC, VDFK, CIBSE.

# Airzone in **numbers**

Since 1997, the most forward-thinking HVAC design engineers and installers have relied on Airzone solutions **as a trusted partner for residential and commercial projects,** strengthening the synergy between **energy efficiency and comfort.**

**40+ integration possibilities.**

**2 million+ rooms climate-controlled** since 1997.

**50,000+ systems connected to Airzone Cloud.**

**1.3 million+ tons of $CO_2$** saved with our systems.

**200+ HVAC manufacturers.**


**Top 15% of companies** highest rated for sustainability

# Evolving true to our DNA **since 1997**

**TEMPERATURE CONTROL**

**INDOOR AIR QUALITY**

**CONNECTIVITY**

**ENERGY EFFICIENCY**

**WELL-BEING**

**HEALTH**

**BIG DATA**

**DECARBONIZATION**

## 2004
**Innobus.** First Airzone system.

## 2005
**Maizone Pack.** First collaboration with HVAC manufacturers.

## 2008


**Airzone Gateway.** Communication with inverter units.

## 2009
**Webserver Airzone.** Web communication with the system.

## 2010


**Airzone Blueface.** First touchscreen thermostat.

## 2011
**Q-Adapt Algorithm.** Airflow control.

## 2013
**Eco-Adapt Algorithm**. Optimization of savings and comfort.

## 2015
**Airzone Cloud App.** The first app for local and centralized temperature control.

## 2019
**Aidoo.** Connectivity and integration product line.

## 2021
**The first communication gateway** for controlling aerothermal systems.

## 2021
**AirQ Range**. Ionization-based air purification line.

## 2024


**DERMS Center.**[1] Research laboratory developed in collaboration with the **University of Malaga.**

## 2025


**AirQ Sensor.** Indoor air quality monitoring and control.

## 2026


**Enerface**. Electricity consumption measurement.

In 2004, Airzone presented its **first zone-based control system,** integrating specific algorithms designed to combine air-based and hydronic HVAC technologies. This innovation enabled the coordinated management of air conditioning and heating, delivering an **integrated solution that enhanced both comfort and energy efficiency.**

Since then, Airzone's evolution has been reflected in the **design of increasingly connected,** data-driven solutions focused on energy management.

As of 2026, **Airzone incorporates the measurement of electricity consumption and the visualization of energy costs into its product offering.** This data enables users to operate heating, air conditioning, and domestic hot water systems during periods of lower electricity cost, **reducing energy costs and supporting grid sustainability.**

[1] Distributed Energy Resource Management Systems.

# The HUB that **transforms** HVAC


## GLOBAL LEADERS IN HVAC ENERGY MANAGEMENT

HVAC represents nearly **50% of a building's energy consumption,** playing a key role in Europe's **energy transition process.** In this context, the heat pump enables the electrification of air conditioning, heating, and domestic hot water production.

By leveraging **big data and integrating with utilities,** electricity supply companies, HVAC operation can adapt to grid conditions, contributing to a more efficient and sustainable energy model. With its technology, Airzone drives this evolution toward **connected HVAC,** optimizing heat pump performance and shifting its operation to periods of higher energy efficiency. This reduces energy costs and can even enhance user comfort and well-being.

EEBUS openADR ALLIANCE

## HVAC

Airzone optimizes the operation of air conditioning, heating, ventilation, and domestic hot water through **advanced control solutions that communicate with HVAC units** using manufacturers' proprietary protocols.

### DIRECT EXPANSION AND FAN COIL MANUFACTURERS

AERMEC AIRCALO Airwell ARISTON atlantic AUX BAXI BOSCH Buderus Carrier CLIMAVENETA CLIVET DAIKIN daitsu De Dietrich Ferroli FläktGroup FUJITSU AGalletti GENERAL GREE Haier Hisense HITACHI HTW innova JUNKERS LG Midea MITSUBISHI ELECTRIC AIR CONDITIONERS MITSUBISHI HEAVY INDUSTRIES MITSUI OLIMPIA SPLENDID Panasonic Rheem RIELLO ROTENSO SABIANA SAMSUNG systemair TCL TOSHIBA TOYOTOMI TRANE Vaillant VIESMANN YORK

### AIR-TO-WATER DHW

Airwell altherma AQUAREA BAXI climer CLIVET Ecodan HEIWA HTW johnson Kaysun kosner Midea MUNDOCLIMA Open Therm RHOSS THERMA V Thermor Vaillant YUTAKI

### VENTILATION

AIRCALO aldes coolwell DAIKIN DINAK innova kosner MUNDOCLIMA Siber SODECA S&P systemair

## IT

Through the connectivity of air conditioning, heating, ventilation, and domestic hot water systems, **Airzone integrates these units into building and residential control, monitoring, and automation platforms,** enabling smarter energy management and improved indoor comfort.

### STANDARD PROTOCOLS

BACnet Modbus KNX MQTT zigbee Z-WAVE {REST:API}

### IOT

amazon alexa works with the Google Assistant Works with SmartThings ecobee Honeywell Home Nest Works with IFTTT API

### BMS PARTNERS

ABB ALARM.COM alfredsmart bticino eNX CHERUBINI Control4 CRESTRON DELTA DORE eedomus energyeasy connect FERMAX fibaro :hager Home Assistant Homey HOMEDOM legrand LOXONE LUTRON Nice OVERKIZ PEAK Nx RTI SAVANT Schneider Electric simon SMART & CONNECTIVE U:C

Our product ranges and solutions

# Centralized HVAC management

HVAC is taking on a key role in the energy management of buildings and homes, in a context shaped by **electrification, digitalization, and growing sustainability requirements**.

In line with European objectives to reduce **dependence on hydrocarbons and promote technologies such as heat pumps, HVAC and domestic hot water production** are becoming strategic elements—both because of their share of overall energy consumption and their ability to adapt to more flexible and efficient use.

This new landscape requires **tools capable of unifying management,** monitoring system performance, and optimizing energy use in HVAC and domestic hot water systems by integrating data, services, and advanced features.

## AIRZONE CLOUD BY AIRZONE

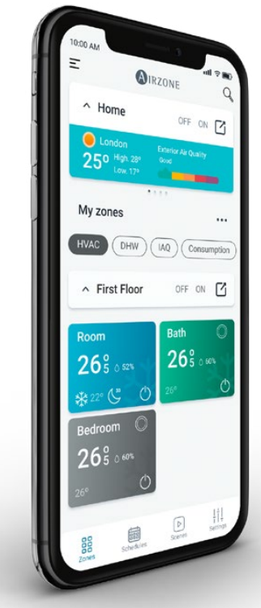
Airzone Cloud is the platform designed to centralize the management of thermal comfort, indoor air quality, and associated energy costs.

As a complement to the installed solution, it incorporates features that enable users to improve energy efficiency through advanced system and usage management.

Its technology allows unified control of HVAC and domestic hot water systems, delivering **integrated management through advanced features, digital services, and an infrastructure that ensures system security, reliability, and scalability**.

In this way, Airzone Cloud becomes a tool that adds value across the entire chain: from **the end user—who benefits from improved experience, comfort, and savings—to the professional, who gains access to an efficient solution with monitoring and data-logging capabilities, aligned with evolving regulatory and energy requirements.**

Airzone Cloud








## AIRZONE CLOUD ARCHITECTURE

Airzone Cloud has a **scalable architecture that integrates infrastructure, digital services, and features** for the control and management of HVAC, indoor air quality, and energy.

This approach **enables the system to evolve toward a more intelligent HVAC model**, tailored to the real needs of both the space and the user.

### Infrastructure, reliability, and cybersecurity

Airzone Cloud is built on a **robust technological infrastructure**, designed to securely manage the volume of data generated by control devices and make it readily available to the user.

**A specialized team ensures service availability and correct operation**, addressing security comprehensively and protecting both data and communications between devices and the platform.

To support this, **Airzone Cloud incorporates internal control processes and audits** that help anticipate risks and strengthen overall system reliability.

**New: available starting September 1**

### System registration

System registration, whether carried out by the installer or the user, is an **essential step to ensure the traceability of all devices throughout the solution's lifecycle**. This process, carried out during installation, links the system to Airzone Cloud and ensures proper operation, as well as ongoing traceability and updates related to performance and security.

On this basis, **the platform continuously evolves, ensuring security, data protection,** and compliance with regulations applicable to connected devices, delivering a stable, reliable, and future-ready solution.

## CONTROL AND MANAGEMENT FEATURES

The connectivity and integration of Airzone **devices transform the HVAC system into a connected solution**, delivering a more complete, intuitive user experience tailored to the real needs of the space—while also enabling integration with building management systems and smart home platforms.

By connecting the Airzone solution to the Airzone Cloud app, **users can access their HVAC system from a single interface**, manage its operation, and view clear information on system status and performance.

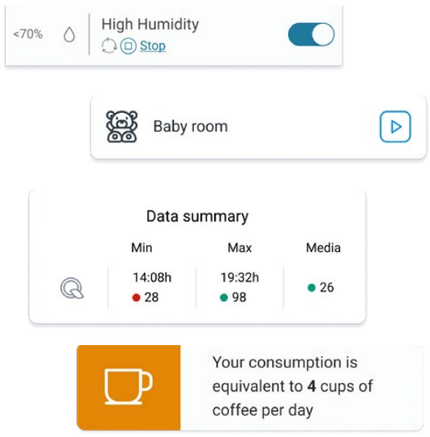
Beyond control, **the platform provides cloud-based tools to analyze system behaviour**, supporting more efficient management of thermal comfort and indoor air quality.


### HVAC, ventilation, and domestic hot water control features

- **Zone-based control** of air conditioning and heating.
- **Indoor air quality control.**
- **Domestic hot water** production control.
- **Device configuration** via Airtools.
- **Temperature limits.**
- **Control for groups of zones.**

### Cloud-based management for thermal comfort and indoor air quality

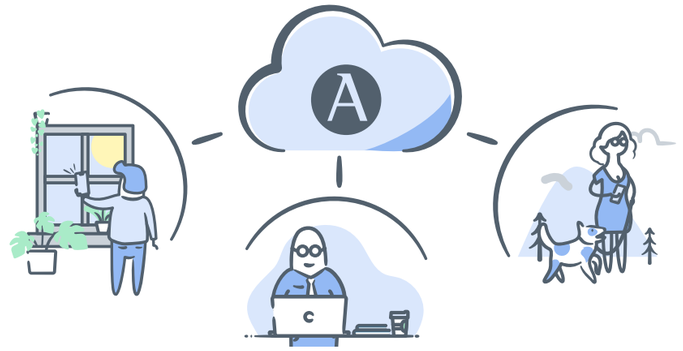
- Weekly or calendar-based **time schedules**.
- **Creation of customized** scenes.
- **Automated routines** based on user-defined conditions.
- Daily **charts showing HVAC usage** by zone.
- Daily **charts of indoor air quality**.
- **Customized periodic reports** on indoor air quality and/or room temperature.
- **Daily, monthly, and annual charts** of HVAC and domestic hot water energy consumption.
- **Real-time and forecast grid status information** via Ecowatt.
- **Amazon Alexa, Google Assistant, and SmartThings integration.**
- Weather information.

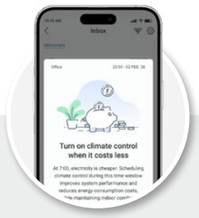



## ENERGY MANAGEMENT, HVAC, DOMESTIC HOT WATER FLEXIBILITY

**Airzone Cloud transforms the data generated by the system into actionable insights**, enabling more efficient and conscious management of HVAC and domestic hot water production.

By **analyzing energy consumption**, comfort conditions, and system usage, **the platform interprets system behaviour and adapts operation intelligently**—optimizing performance and shifting consumption without impacting comfort.

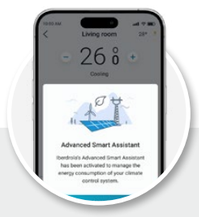





**Recommendations and automations** designed to improve energy costs.


Custom **electricity tariff configuration.**


**Visualization of energy costs** for HVAC and domestic hot water, based on tariff periods.

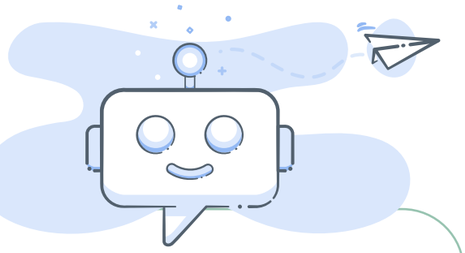



**Interaction with advanced energy services**, such as Demand Response strategies or dynamic pricing—moving toward a more flexible, efficient, and connected model.

## AIRZONE CARE DIGITAL SERVICES

Airzone Cloud acts as the communication interface between Airzone, the user, and the professional, integrating Airzone Care digital services that **support the solution throughout its entire lifecycle and ensure proper commissioning, configuration, updates, and security**.

**These digital services are activated in Airzone Cloud upon system registration**, which links the HVAC system to the platform and enables its monitoring, maintenance, and ongoing development over time.



### User services

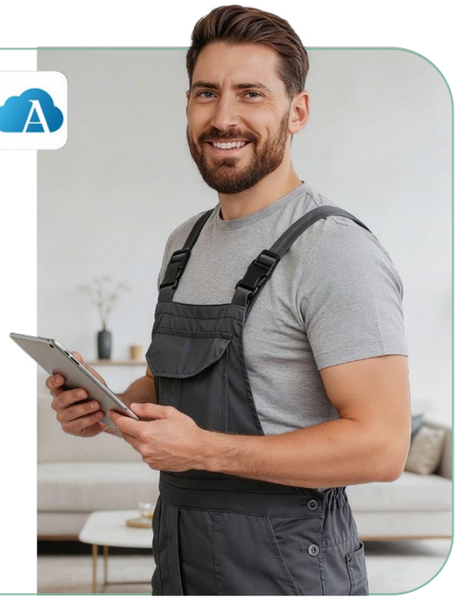
Airzone Cloud provides users with a set of **services designed to enhance their experience**:

- **Support and customer care**, with a direct channel through the app to resolve questions, as well as manage warranty and maintenance.
- **Assistance with use and configuration**, making it easier to interact with the system and adapt it to the real needs of the space.
- **Access to continuous improvement services**, linked to the evolution of the platform and new digital features.

### Services for professionals

Airzone Cloud incorporates specific services that **enable professionals to ensure proper commissioning, monitoring, and maintenance of the system**:

- **System registration and traceability,** ensuring identification of the application and its devices throughout their entire lifecycle.
- **Remote preventive diagnostics**, enabling detection of configuration errors or potential issues before they affect operation or comfort.
- **Specialized technical support**, focused on incident resolution and system optimization.




## TOWARD CONSCIOUS INDOOR CLIMATE CONTROL

**Airzone Cloud integrates control of air conditioning, heating, ventilation, and domestic hot water production** into a single robust and reliable platform, enabling centralized management of thermal comfort, indoor air quality, and energy.

This approach **transforms HVAC into a solution capable of adapting to the real needs** of both the user and the environment.

# Indoor air quality

Today, we spend up to 90% of our time indoors. **Indoor air quality has a direct impact on health, concentration, comfort, and productivity.** Elevated levels of $CO_2$, particulate matter, or volatile organic compounds can affect well-being and performance without us being fully aware of it.

## AIRQ BY AIRZONE

**Airzone's AirQ solutions are designed to improve indoor air quality** and ensure healthy, comfortable conditions in occupied spaces.

**AirQ technology enables the identification and management of the main factors affecting indoor air quality** through a system based on two core functions: **continuous monitoring and air quality optimization.**

### MONITORING

**AirQ solutions integrate advanced sensors** (AirQ Sensor), **capable of continuously measuring the most relevant parameters** affecting indoor air quality:

**Biological contaminants**
Associated with **the presence of fungi, mold, bacteria, dust mites, and airborne** allergens.

**Chemical contaminants**
**Derived from volatile organic compounds (VOC)** emitted by paints, furniture, cleaning products, and other everyday materials.

**Particulate matter**
**Measurement of $PM_{10}$ and $PM_{2.5}$ particles,** associated with dust and other environmental pollutants.

**Relative humidity**
**Control of ambient humidity levels,** a key factor for both thermal comfort and the prevention of condensation and microbial growth.

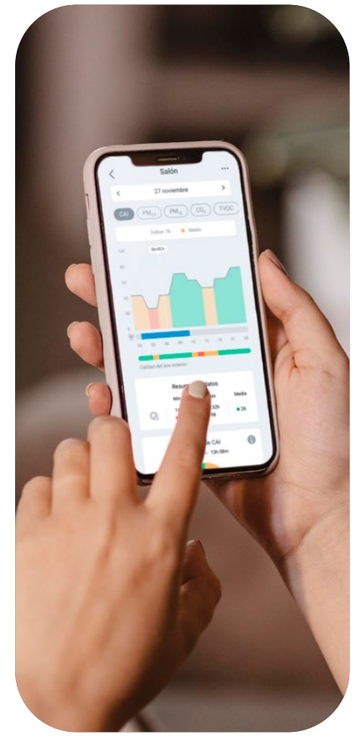
**$CO_2$ concentration**
**A key indicator of ventilation levels and air exchange** in occupied spaces.





### OPTIMIZATION

Based on data obtained through continuous monitoring, **Airzone's AirQ solutions automatically act to improve indoor air quality** by managing controlled mechanical ventilation (CMV) and integrating air purification technology.



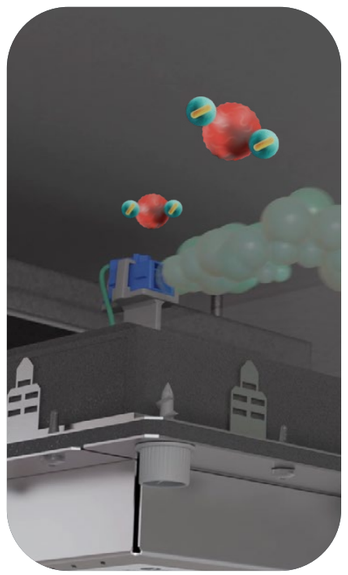
### VENTILATION CONTROL (CMV)

AirQ solutions enable regulation of controlled mechanical ventilation systems through **demand-controlled ventilation (DCV) strategies.**

Using continuous measurement of $CO_2$ concentration, volatile organic compounds (VOC), and relative humidity, **Airzone technology adjusts ventilation airflow** to actual space requirements, allowing for:

- **Reduced accumulation of contaminants** and maintenance of healthy $CO_2$ levels.
- Optimized operation of **heat recovery units and ventilation systems.**
- **Reduced energy consumption** associated with continuous constant-flow ventilation.

In this way, **AirQ technology functions as a management system linking environmental monitoring and ventilation units,** promoting efficient system operation.



### IONIZATION

**AirQ solutions integrate purification systems based on ionization technology,** designed to treat recirculated air in air conditioning systems.

Ionizer modules, installed within the air distribution network, generate negative ions that **interact with contaminants in the airflow,** enabling:

- **Neutralization of biological contaminants.**
- **Reduction of chemical compounds** and odors.
- **Clumping and settling of airborne** particles.

Treated air is distributed through the existing air conditioning system, **improving indoor air quality without the need to introduce outside air.**

## AIRQ EFFICIENCY[1]

| REDUCTION IN AIRBORNE PARTICLES | | REDUCTION IN FUNGAL FLORA | | INHIBITION OF THE BACTERIUM STAPHYLOCOCCUS AUREUS | |
|---|---|---|---|---|---|
| **30–65%** 1 hour | **90–98%** 24 hours | **93%** 1 hour | **98%** 24 hours | **43%** 1 hour | **97%** 24 hours |
| **REDUCTION OF ODORS SUCH AS TOBACCO AND COOKING** | | **INHIBITION OF THE SARS-COV-2 VIRUS** | | **ALLERGEN REDUCTION AFTER 1 HOUR (OLIVE)** | |
| **UP TO** ~45% reduction[2] | | **93%** 1 hour | **98%** 24 hours | **53%** 200 ng/ml | **38%** 50 ng/ml |

# AIRQ SENSOR

Indoor air quality monitor or measurement and demand-controlled ventilation device.

### INDOOR AIR QUALITY MEASUREMENT

**The AirQ Sensor is our in-room measurement device** designed for continuous monitoring of the parameters that affect indoor air quality.

The unit integrates sensors to measure:

- **$CO_2$ concentration.**
- **Total volatile organic compounds (TVOC).**
- **Airborne particles ($PM_{2.5}$ and $PM_{10}$).**
- **Relative humidity.**

Based on the measured values, **the device calculates a configurable indoor air quality index,** adjusting the weight of each parameter according to the installation requirements.



Air quality status is displayed using color-coded **visual indicators** (green, yellow, and red).

[1] Data obtained from studies conducted by the IPROMA laboratories, the University of Granada, the University of Barcelona, and Texcell. Strain NCTC 8532.
[2] Average of the results obtained in the study on tobacco and cooking odors.



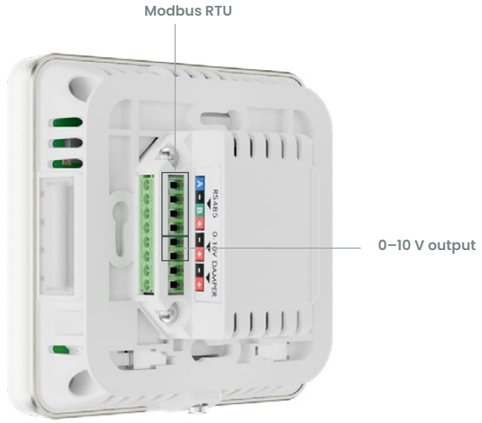
## DEMAND-CONTROLLED VENTILATION (DCV)

The AirQ Sensor enables **automatic regulation of controlled mechanical ventilation (CMV) systems,** adapting system operation to actual indoor conditions.

## WI-FI VERSION

Designed for standalone control of ventilation systems.

- Control via **0–10 V signal or remote ON/OFF contact.**
- **Control of motorized ventilation dampers.**
- Integration with management systems via **Modbus RTU and API Cloud.**
- **Remote monitoring and historical data visualization** via Airzone Cloud.




**Coming soon**

**New solution for zoned ventilation control**

The new Airzone solution enables zoned control of ventilation through the integration of **Aidoo Pro HUB Ventilation, AirQ Sensor Wi-Fi, and motorized dampers.**

**The system automatically regulates ventilation by opening or closing dampers** based on the $CO_2$ concentration detected in each zone, adapting system operation to the actual demand of the monitored spaces.

**Main specifications:**

- Control via **0–10 V signal or remote ON/OFF contact.**
- **Control of motorized ventilation dampers.**
- Integration with management systems via **Modbus RTU and API Cloud.**
- **Remote monitoring and historical data visualization** via Airzone Cloud.

## WIRED VERSION

Designed for the **integrated management of ventilation systems and HVAC systems** controlled by Airzone.[1]

**Key features:**

- Ventilation control via **0–10 V signal or remote ON/OFF contact.**
- Control of **motorized ventilation dampers.**
- Data monitoring and analysis **through Airzone Cloud.**
- Integration with **Airzone air purification systems.**
- Ability to implement free cooling **strategies with coordinated operation** alongside the HVAC system.

[1] Included in our Easyzone 25 Plus and Flexa 25 Plus systems without a 0–10 V signal.

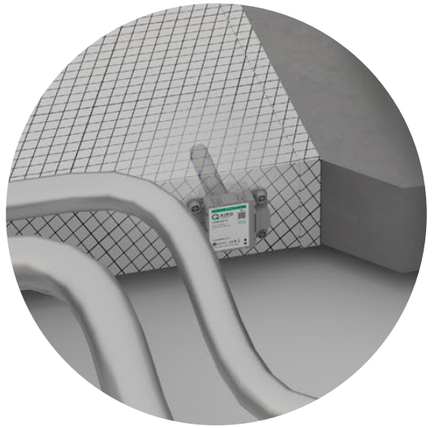
## AIRQ BOX

Indoor air treatment.[1]

In systems with integrated ventilation and HVAC control, **Airzone incorporates air treatment solutions through in-duct ionization.**

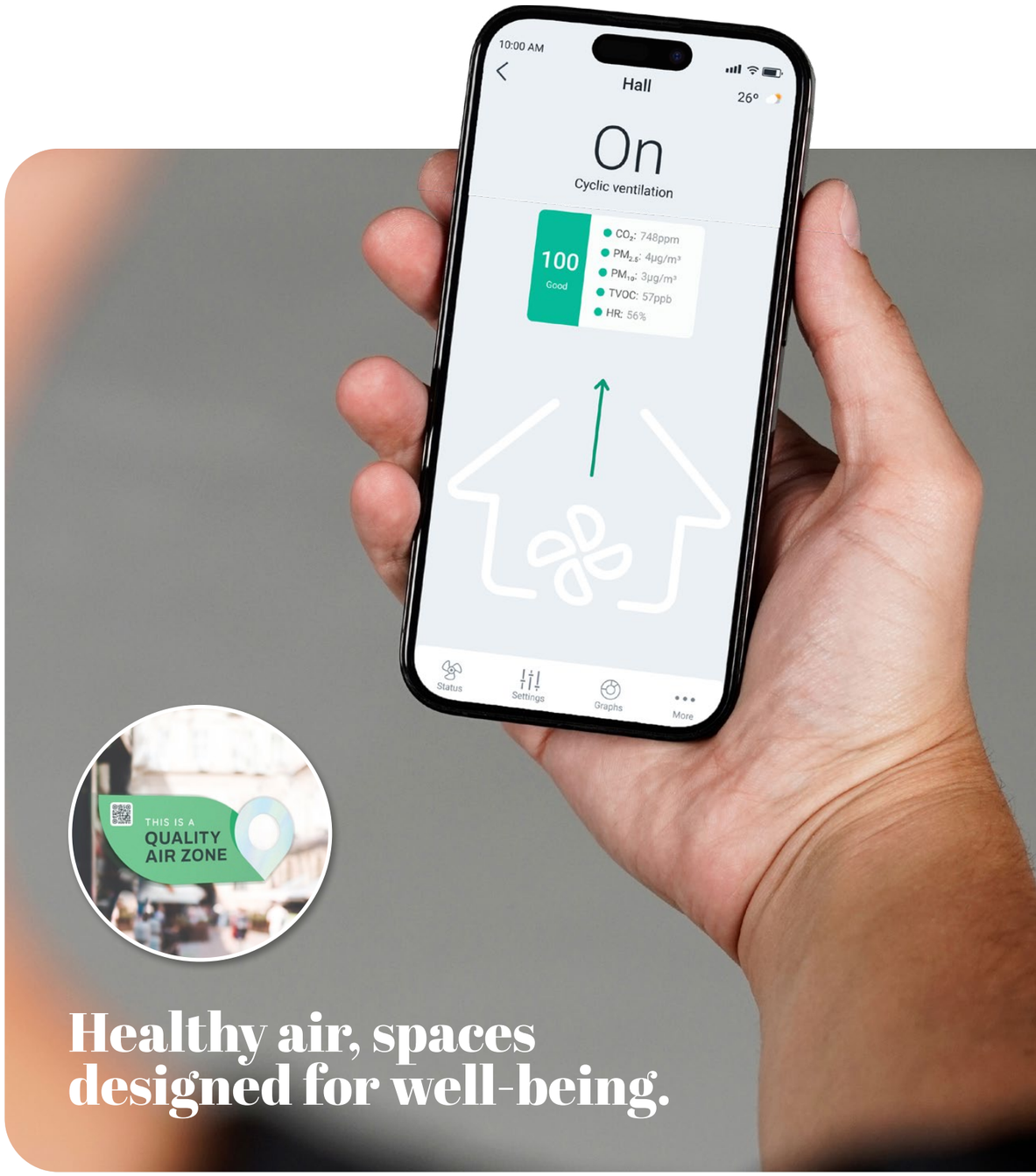
The modules are installed within the distribution network and **use the airflow supplied by the HVAC system to continuously treat recirculated air**, without increasing outdoor ventilation rates.

This solution is **available in two formats:**



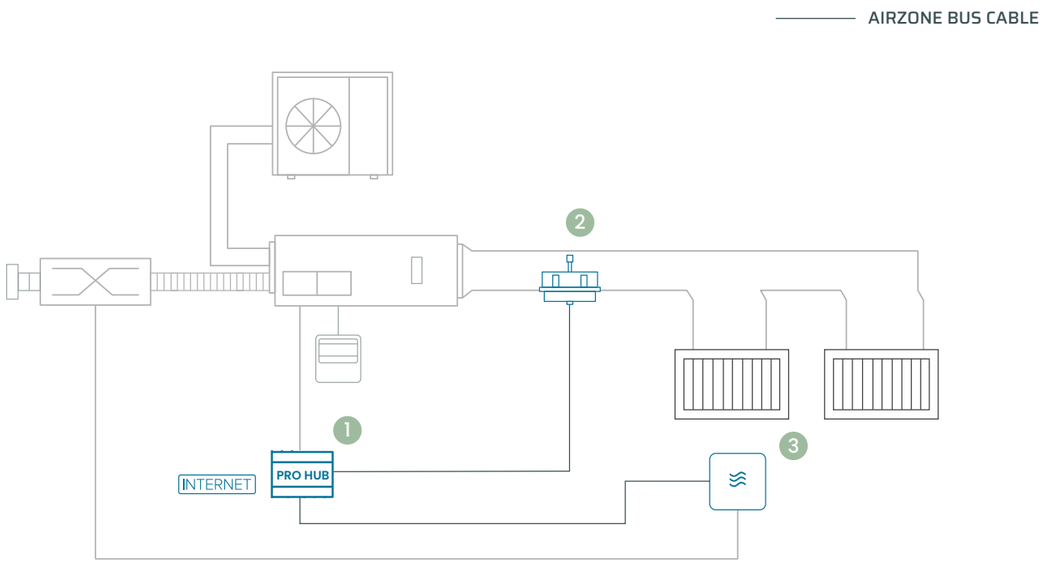

**AirQ Box:** unit designed for **faster and more efficient installation** in rectangular duct systems.

**Motorized damper with ionizers:** solution for circular ducts.

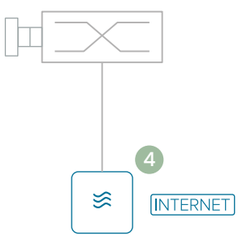



## AIRQ DEVICE CONNECTION DIAGRAM

Indoor air quality monitoring, ventilation control, and AC unit control




### INDOOR AIR QUALITY MONITORING AND VENTILATION CONTROL




| | REFERENCE | DESCRIPTION | U |
|---|---|---|---|
| 1 | AZAI8HB1 [brand] | Aidoo Pro HUB Airzone–[brand] Air-to-Water (R1) | 1 |
| 2 | AZX6AIQBOXM | AirQ Box in-duct IAQ monitoring and control device | 1 |
| 3 | AZX6AIQSNS [B/N] | AirQ indoor air quality sensor (IAQ) | 1 |
| 4 | AZAIQWSCSNS [B/N] | AirQ Wi-Fi sensor + CMV | 1 |

# Energy consumption control

**The electrification of HVAC is a key element in the energy transition.** Technologies such as **heat pumps help reduce emissions associated with** heating and air conditioning, **but they also increase electricity demand,** impacting energy costs and the grid's ability to supply power at certain times.

## AIRZONE ENERFACE

Airzone's Enerface solutions are designed **to manage HVAC operation based on electrical demand.**

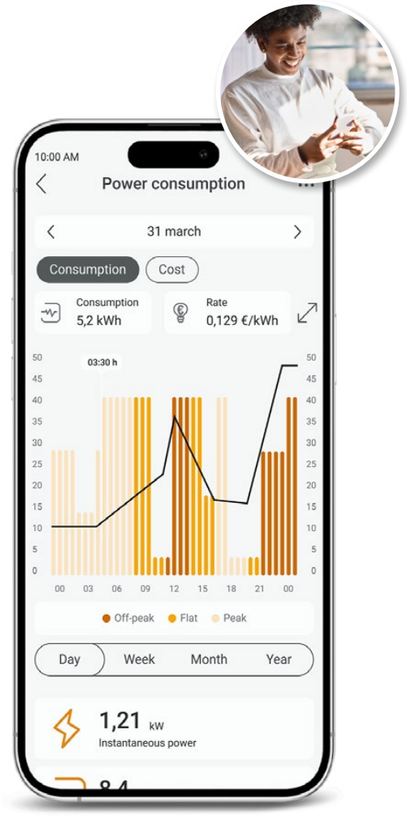
Thanks to the thermal inertia of buildings, part of HVAC operation can be shifted over time without affecting occupant comfort. **Enerface technology enables energy demand management** through a system based on two core functions: **electrical consumption monitoring and HVAC usage optimization.**

### MONITORING

Enerface solutions integrate systems to **track the electrical consumption of air conditioning, heating, and domestic hot water systems.**

Based on this data, it is possible **to identify energy usage patterns and determine when peak electrical demand occurs** throughout the day, month, or year.

This information provides insight into the system's energy behavior **and supports the implementation of more efficient management strategies.**




### OPTIMIZATION AND COST-BASED MANAGEMENT

Using data obtained through continuous monitoring, **Enerface solutions provide usage recommendations via Airzone Cloud.** In addition, consumption data can be linked to electricity price information, **allowing users to adapt the operation of air conditioning, heating, and domestic hot water through scenes or time schedules,** moving part of consumption to lower-cost periods.

Enerface technology also **prepares HVAC systems for integration with utility providers**, enabling more efficient energy management and adaptation to future energy services, such as access to preferential tariffs in exchange for flexible use of air conditioning, heating, and domestic hot water.

In this way, **energy costs can be reduced, system usage optimized,** and a more efficient and sustainable electrical system supported.

## WI-FI ELECTRICAL CONSUMPTION METER

Heat pump electrical consumption measurement[1]

The Wi-Fi consumption meter is the **measurement device designed to monitor the electrical consumption of HVAC systems.**

**Key features:**

- **Measurement of energy consumption in single-phase and three-phase units** using current clamps. **Allows measurement of up to three independent single-phase lines** (one per input) or three phases in three-phase units.
- Hourly energy consumption **logging.**
- Measurement of **instantaneous power.**
- **Remote monitoring and access to historical data** via Airzone Cloud.

Single-phase

Current clamp

Three-phase

**Coming soon**

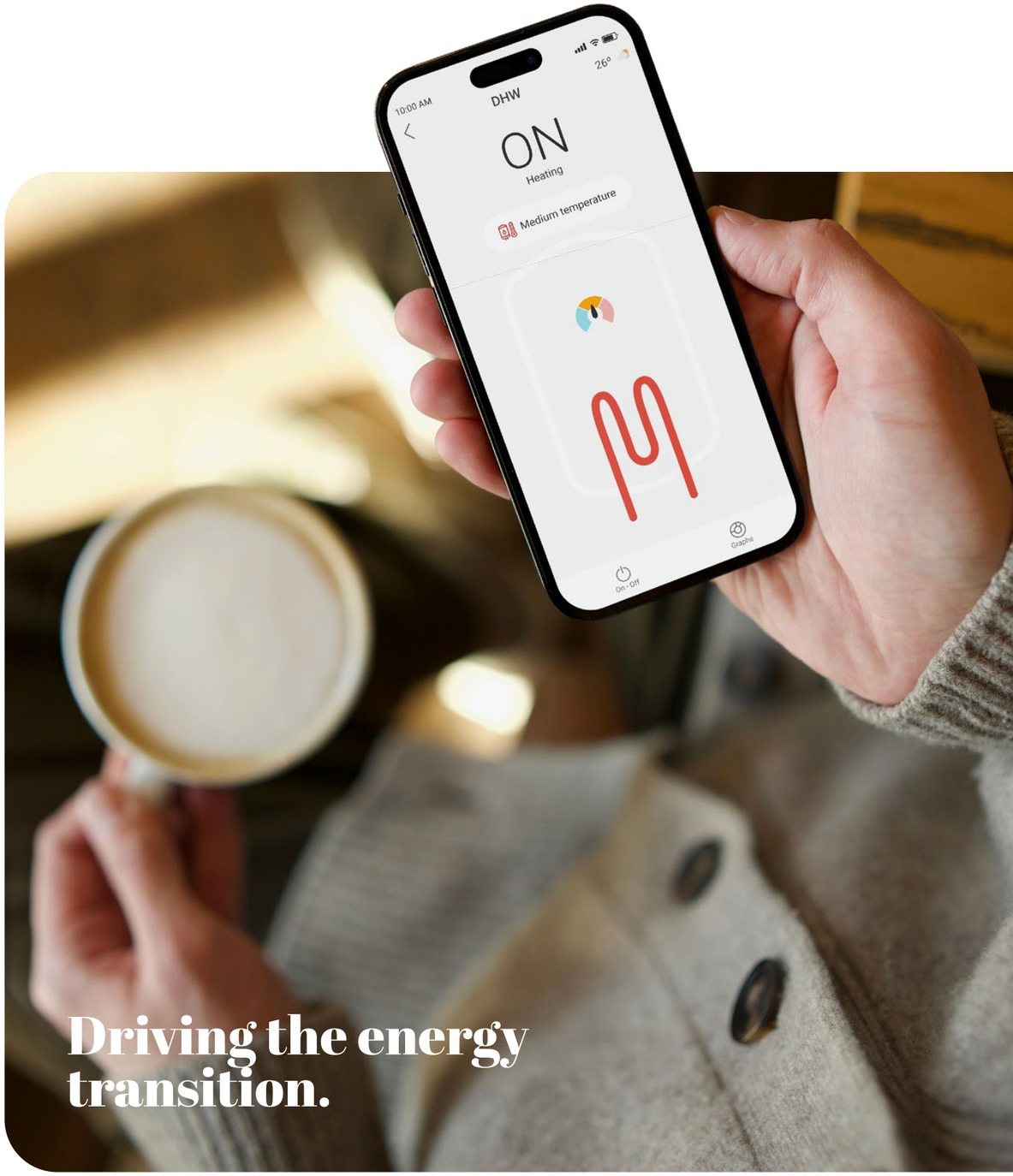
### Wi-Fi domestic hot water controller (DHW)

The DHW controller is the measurement device **designed to monitor the energy consumption of electric domestic hot water systems.**

**Key features:**

- Measurement of **domestic hot water energy consumption.**
- Hourly energy consumption **logging.**
- Measurement of **instantaneous power.**
- **Remote on/off control** via Airzone Cloud.
- **Remote monitoring and access to historical data** via Airzone Cloud.


[1] Included in our Easyzone 25 Plus and Flexa 25 Plus systems.

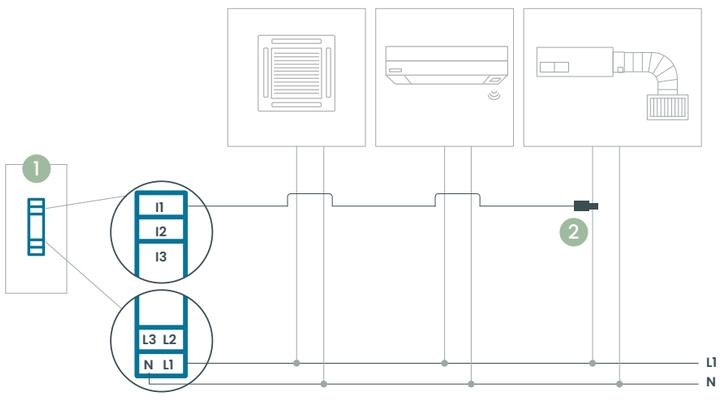



# Driving the energy transition.

## ENERFACE DEVICE CONNECTION DIAGRAM

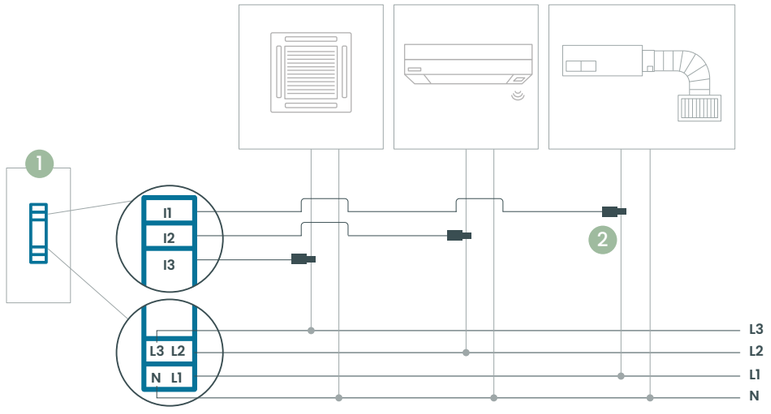
HVAC electrical consumption control

### SINGLE-PHASE NETWORK WITH SINGLE-PHASE AC UNIT




| | REFERENCE | DESCRIPTION | U |
|---|---|---|---|
| 1 | AZX8AC1MTW1 | Enerface Airzone Wi-Fi consumption meter – single-phase installation | 1 |
| 2 | AZX8ACCMTWC[1] | Current clamp for Enerface Airzone Wi-Fi consumption meter | 1 |

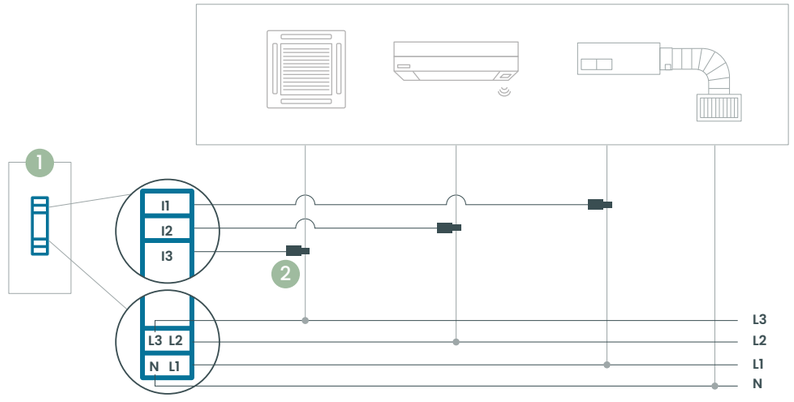
### THREE-PHASE NETWORK WITH SINGLE-PHASE AC UNIT




| | REFERENCE | DESCRIPTION | U |
|---|---|---|---|
| 1 | AZX8AC1MTW1 | Enerface Airzone Wi-Fi consumption meter – single-phase installation | 1 |
| 2 | AZX8ACCMTWC[1] | Current clamp for Enerface Airzone Wi-Fi consumption meter | 1 |

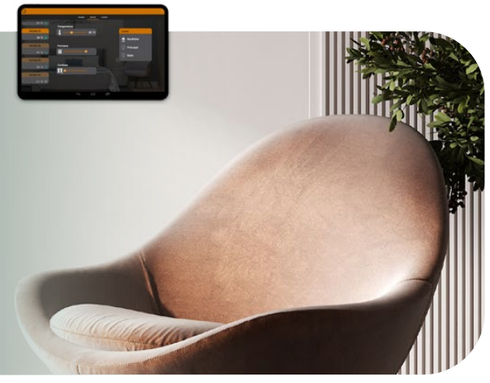
[1] Clamp included with the energy meter.

### THREE-PHASE NETWORK WITH THREE-PHASE AC UNIT




| | REFERENCE | DESCRIPTION | U |
|---|---|---|---|
| 1 | AZX8AC1MTW3 | Enerface Airzone Wi-Fi consumption meter – three-phase installation | 1 |
| 2 | AZX8ACCMTWC[1] | Current clamp for Enerface Airzone Wi-Fi consumption meter[1] | 3 |

[1] Clamp included with the energy meter.



# HVAC connectivity and integration

**HVAC can account for up to 50% of a building's energy consumption,** with a direct impact on operating costs and $CO_2$ emissions. **Without proper management, heating, ventilation, and air conditioning (HVAC) systems may operate in excess of actual** demand, leading to unnecessary energy use and making it more difficult to optimize the installation's energy performance.

In many buildings, AC units also operate independently and without connection to other systems. **This lack of integration limits the ability to monitor, control, and centrally manage the installation.**

## AIDOO BY AIRZONE

Airzone's Aidoo solutions are **designed to connect and integrate AC units** within the building's technological ecosystem.

Aidoo technology **enables the integration of different AC units,** regardless of brand, technology, or whether they are new or existing—making **it easier to manage them collectively.**

In addition, **Aidoo gateways allow HVAC systems to be integrated into smart home platforms and building management systems (BMS)** via standard protocols or APIs, enabling centralized monitoring and more efficient HVAC control.

AIDOO
climate econnection



The Airzone Aidoo range consists of **various devices designed to meet the connectivity and integration needs of each project,** from basic connectivity solutions to advanced integrations with building management and smart home systems.





## INTEGRATION FOR BASIC CONNECTIVITY


### Aidoo Wi-Fi

**Remote control of AC units** via smartphone, computers, and voice.

- **AC unit control parameters:** on/off, operation mode, room temperature, set-point temperature, fan speed.
- **Remote control** and configuration **via Airzone Cloud.**
- **Power supply via the indoor unit or** an external power **source.**

1. Integration with management systems via **Modbus MS/TP over an RS-485 port.**
2. Integration via **MQTT and Cloud API over 2.4 GHz Wi-Fi.**
3. **Communication port for the HVAC unit** using the manufacturer's protocol.

New

### Aidoo Wi-Fi 2.0

**New compact design measuring 52 × 57 × 26 mm,** optimized for improved integration into inverter units and VRF systems.[1]

To expand connectivity and management capabilities, **Aidoo Wi-Fi 2.0 can be combined with:**

- **Wi-Fi Consumption Meter.**
- **Wi-Fi DHW controller.**

This solution enables **monitoring and control of HVAC system energy consumption and domestic hot water production** through the **Airzone Cloud app,** and is compatible with both existing equipment and new installations.


**COMPATIBLE WITH**

» Direct expansion units.

**>> Check your unit's compatibility** with Aidoo basic connectivity solutions by scanning the QR code and accessing our compatibility tool.

[1] Includes all the functionalities of Aidoo Wi-Fi except integration via Modbus MS/TP through the RS-485 port.

## INTEGRATION THROUGH STANDARD PROTOCOLS

### Aidoo Zigbee


- **AC unit control parameters:** on/off, operation mode, room temperature, set-point temperature, fan speed.
- **Acts as a Zigbee repeater,** improving network reliability.
- **Remote reading of indoor unit** error codes.
- **Power supply via the indoor unit or** an external power **source.**

1. **Zigbee 3.0 communication.**
2. **Communication port for the HVAC unit** using the manufacturer's protocol.

**COMPATIBLE WITH**

» Direct expansion units.

### Aidoo Z-Wave

- **AC unit control parameters:** on/off, operation mode, room temperature, set-point temperature, fan speed.
- **Acts as a Z-Wave repeater,** improving network reliability.
- **Remote reading of indoor unit** error codes.
- **Power supply via the indoor unit or** an external **power source.**
- **Standard thermostat command classes** defined by the Z-Wave protocol.


1. Z-Wave network **communication.**
2. **Communication port for the HVAC unit** using the manufacturer's protocol.
3. **Standard and Z-Wave SmartStart** settings.

**COMPATIBLE WITH**

» Direct expansion units.

### Aidoo KNX


- Unit control with **more than 150 objects.**
- **Remote reading of indoor unit** error codes.
- **Power supply via KNX bus cable.**

1. **Configurable in ETS.**
2. **Communication port for the HVAC unit** using the manufacturer's protocol.
3. Communication with the **KNX bus.**

**COMPATIBLE WITH**

» Direct expansion units.
» Air-to-water units.


AIDOO IS A PRODUCT MADE BY AIRZONE

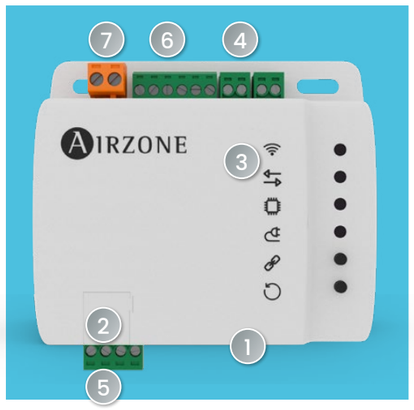
**›› Check your unit's compatibility** with Aidoo basic connectivity solutions by scanning the QR code and accessing our compatibility tool.

## MULTIPROTOCOL INTEGRATION

Integration of AC units with multiprotocol support: **BACnet, Modbus, Cloud API, REST API, or drivers.**

### Aidoo Pro Wi-Fi

- **Control parameters** depending on the HVAC technology used.
- **Remote reading of indoor unit** error codes.
- Remote control and configuration via **Airzone Cloud.**




1. **Communication port for the HVAC unit** using the manufacturer's protocol.
2. Integration with management systems via **Modbus RTU BACnet MS/TP over an RS-485 port.**
3. Integration via Modbus **TCP, BACnet IP, REST API, MQTT, and Cloud API over dual-band 2.4/5 GHz Wi-Fi.**
4. **Control of auxiliary heating or combined heating** (radiant and air stages) via a 12 Vdc relay output.[1]
5. Compatible with **the Aidoo Blueface thermostat models, AirQ Sensor, and AirQ Box.**[2]
6. Integration with **third-party thermostats.**
7. **Powered by an external 12 Vdc power supply (included).**

**COMPATIBLE WITH**

- Direct expansion units.
- Ventilation units.
- Air-to-water units.

[1]Available in versions for direct expansion and air-to-water systems.

[2]Only one integration is allowed at a time.

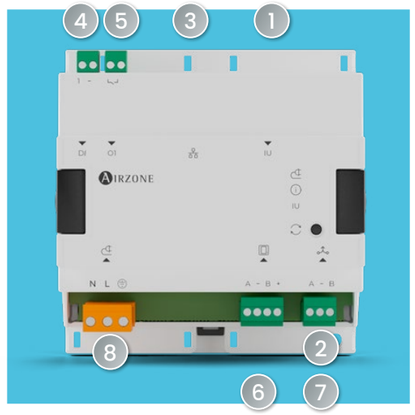






### Aidoo PRO HUB

- **Control parameters** depending on the HVAC technology used.
- **Remote reading of indoor unit** error codes.
- Remote control and configuration via **Airzone Cloud.**


1. **Communication port for the HVAC unit** using the manufacturer's protocol.
2. Integration with management systems via **Modbus RTU BACnet MS/TP over an RS-485 port.**
3. Integration via **Modbus TCP, BACnet IP, REST API, MQTT, and Cloud API over dual-band 2.4/5 GHz Wi-Fi or Ethernet.**
4. Digital inputs for **occupancy sensors, key card switches, or open-window detection.**
5. **Control of auxiliary heating or combined heating** (radiant and air stages) via relay output.
6. Compatible with the Aidoo Blueface thermostat models.
7. Compatible with **AirQ Sensor and AirQ Box.**
8. **Power supply: 220 V.**

**COMPATIBLE WITH**

- Direct expansion units.
- Air-to-water units.

**Coming soon**

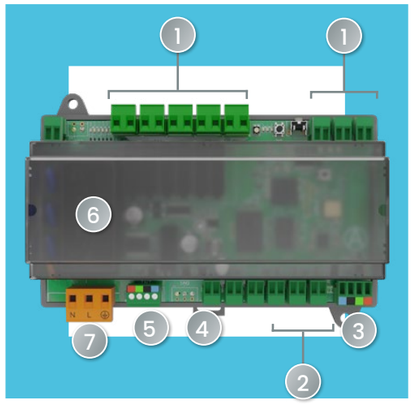
- Ventilation units.
- Boilers.

**New features**

- **Ethernet connection** for a more robust signal.
- A dedicated port for connecting **the Aidoo Blueface thermostat models and AirQ devices.**
- **DIN rail** mounted.
- **Power supply: 220 V.**

### Aidoo Pro Wi-Fi for fan coil units

- Control of **2-pipe / 4-pipe fan coil units.**
- **Supply temperature detection** for automatic mode switching.
- **Supply temperature detection** for enabling **dehumidification mode.**
- Anti-freeze function **configuration.**
- Remote control and configuration via **Airzone Cloud.**




1. **On/off or proportional control of solenoid valves** for heating/cooling demand, and 3-speed or proportional 0–10 V fan control.
2. Digital inputs for **occupancy sensors, key card switches, open-window detection, and eco mode.**
3. **Compatible with Blueface thermostat.**
4. **Room temperature probe** for temperature control.
5. Integration with management systems via **Modbus RTU BACnet MS/TP over an RS-485 port.**
6. Integration via Modbus **TCP, BACnet IP, REST API, MQTT, and Cloud API over dual-band 2.4/5 GHz Wi-Fi.**
7. **Power supply: 220 V.**

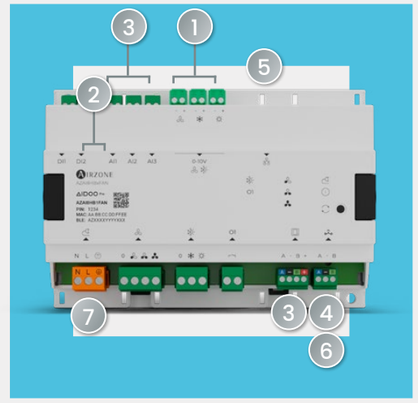
**COMPATIBLE WITH**

» Fan coil units.

**Coming soon**

### Aidoo Pro HUB for fan coil units

- Control of **2-pipe / 4-pipe fan coil units.**
- **Control of auxiliary heating or combined heating (radiant and air stages)** via relay output.
- **Supply temperature detection** for automatic mode switching.
- **Supply temperature detection** for enabling **dehumidification mode.**
- Anti-freeze function **configuration.**
- Remote control and configuration via **Airzone Cloud.**




1. **On/off or proportional control of solenoid valves** for heating/cooling demand, and 3-speed or proportional 0–10 V fan control.
2. Digital inputs for **occupancy sensors, key card switches, open-window detection, and eco mode.**
3. **Aidoo Blueface thermostat models or room temperature probe** for temperature control.
4. Integration with management systems via **Modbus RTU BACnet MS/TP over an RS-485 port.**
5. Integration via **Modbus TCP, BACnet IP, REST API, MQTT, and Cloud API over dual-band 2.4/5 GHz Wi-Fi or Ethernet.**
6. Compatible with **AirQ Sensor and AirQ Box.**
7. **Power supply: 220 V.**

**COMPATIBLE WITH**

» Fan coil units.

**New features**

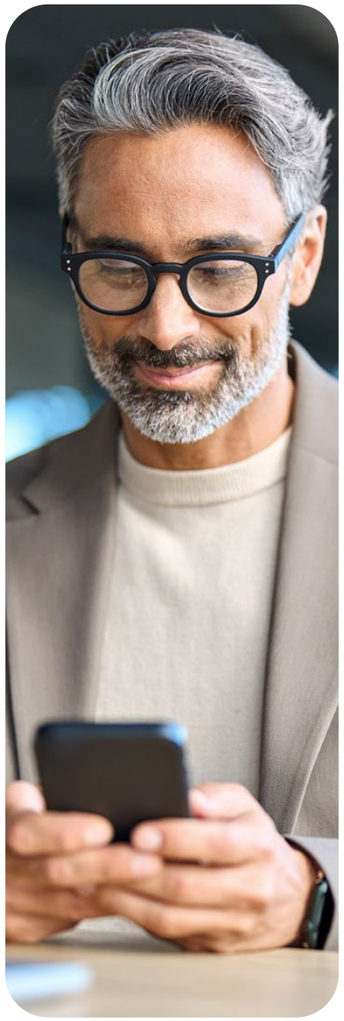
- **Ethernet connection** for a more robust signal.
- **Simplified wiring connection** to the fan coil.
- **Dedicated output** for combined or auxiliary heating control.

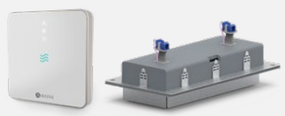
## ACCESSORIES COMPATIBLE WITH THE AIDOO PRODUCT LINE

Devices in the **Aidoo range include a connection port that enables integration with other Airzone** devices across different product lines, facilitating expanded functionality and the development of more comprehensive solutions.

Temperature control via **Blueface thermostat[1].**

Compatible with direct expansion and fan coil systems.





Indoor air quality control with **AirQ Sensor and AirQ Box.**

Energy consumption management with **the Wi-Fi Consumption Meter and the Wi-Fi DHW Controller.**

[1]Made for the Aidoo Pro line.

## AIDOO APPLICATIONS

**Different Aidoo models can be combined within the same installation,** enabling connectivity and integration across various HVAC technologies and system types, while simplifying the management of more complex installations.

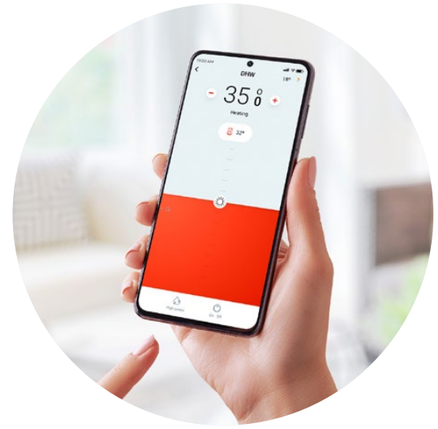
**New**

### Aidoo AcuaDuo

This solution is designed **for HVAC applications that combine air-to-water production with fan coil-based distribution.**

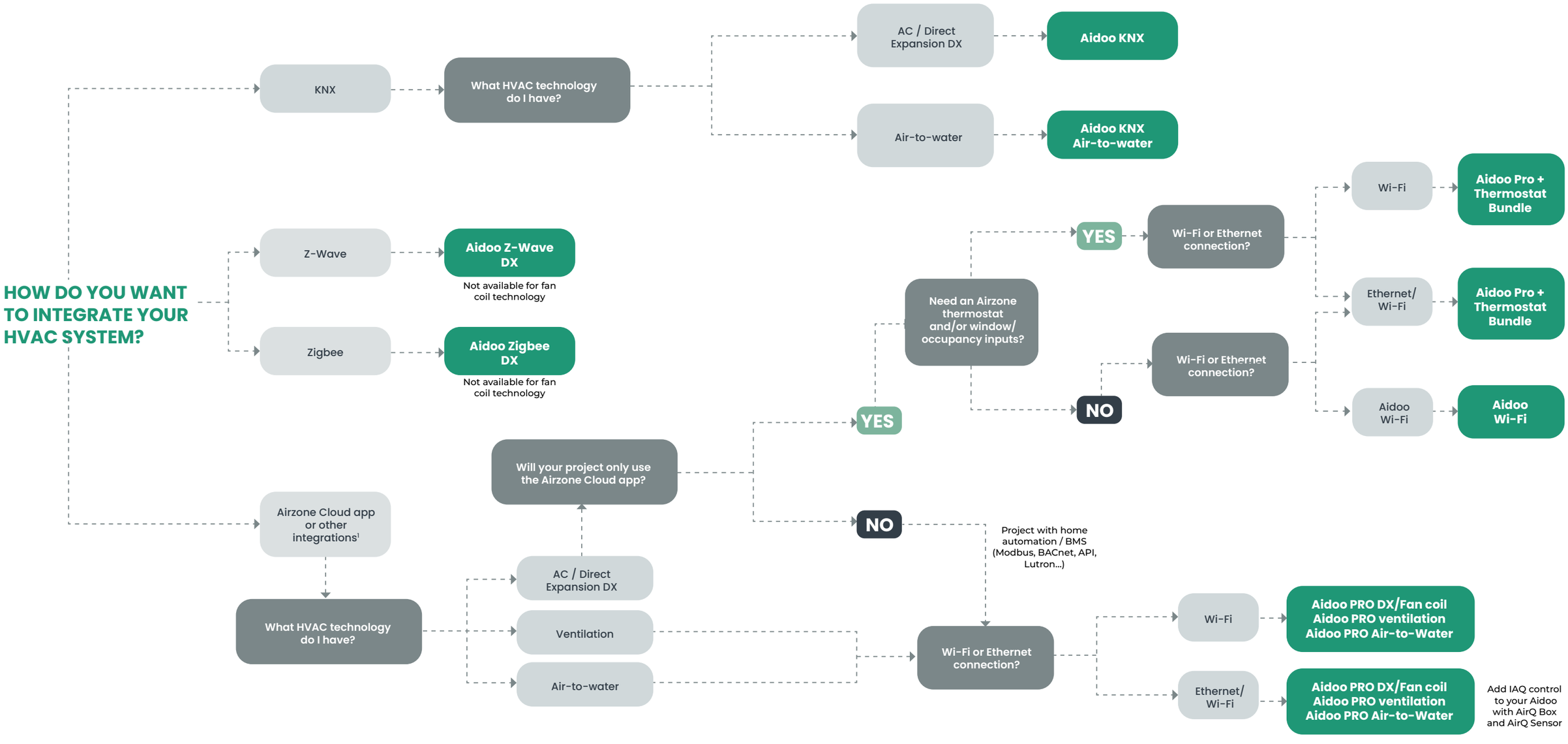
Features:

- **Combined control** of production and distribution systems.
- **Set-point temperature control** via the Blueface thermostat, acting on both production and distribution.
- **Centralized monitoring and control** via the **Airzone Cloud app or through smart home/BMS integration.**



# Which Aidoo do I need for my project?

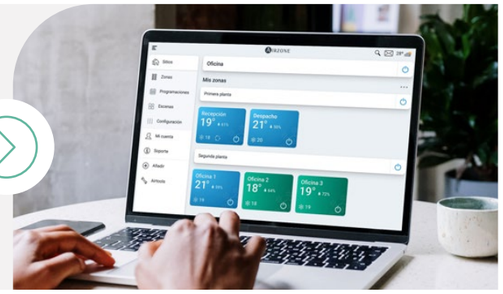
Use this quick guide to find the right Aidoo for your project. Need help or not seeing what you need? Contact your sales rep or our team at **sales@airzonecontrol.com**




[1] APIs, Modbus, BACnet, Lutron.

## AIRZONE WEBSERVER

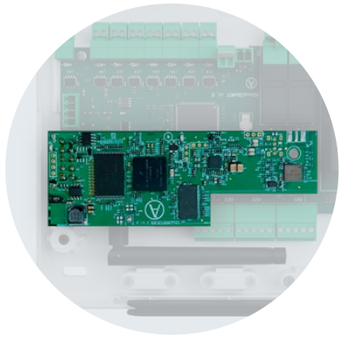
Airzone Webservers **enable centralized, integrated control of zoned HVAC systems** within the Airzone Cloud app or a building or home ecosystem.



### AIRZONE CLOUD CONNECTIVITY

**Airzone Cloud Wi-Fi Webserver**

**The Airzone Cloud Wi-Fi Webserver connects the system to the Airzone Cloud platform**, enabling zoned control and centralized management of HVAC and indoor air quality via the web and the app.



Key features

- Connectivity for **1 Airzone system.**
- **Bluetooth** configuration.
- **Unit status monitoring** and error reading.
- **Internet connection via 2.4 GHz Wi-Fi** for compatibility with IoT technologies and voice assistants **(Amazon Alexa, Google Assistant, Samsung SmartThings).**
- Configuration and control through **Airzone Cloud.**

### STANDARD PROTOCOL CONNECTIVITY AND INTEGRATION

**Webserver HUB**

The Webserver HUB **can connect multiple Airzone systems and acts as a bidirectional integration gateway**, enabling connection with home automation platforms and BMS via standard protocols.

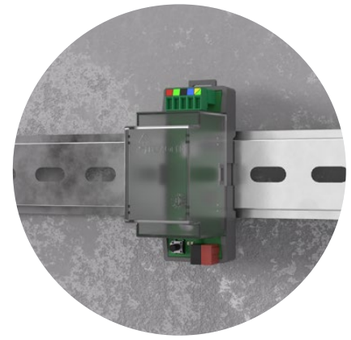
**Designed for multi-brand and multi-protocol environments**, it facilitates centralized management of complex HVAC systems by integrating different technologies and zones under a single control system.

Key features

- Connectivity for **up to 32 Airzone systems**.
- Integration with management systems via **Modbus RTU and BACnet MS/TP** over an **RS485 port,** and via **Modbus TCP, BACnet IP, REST API, MQTT, and Cloud API** over **dual-band 2.4/5 GHz Wi-Fi or Ethernet,** ensuring a more robust connection.
- **Bluetooth Low Energy (BLE) connectivity** for setup.
- **Configuration and control through Airzone Cloud.**
- **Remote reading** of indoor unit error codes.

## AIRZONE KNX INTEGRATION GATEWAY

The Airzone KNX gateway **enables the integration of zoned HVAC systems into home and building automation environments based on this standard**, facilitating their control within advanced automation projects.



Designed to handle complex configurations, **it provides precise control of multizone systems and hybrid solutions** that combine air and water technologies.

Key features

- Control of **up to 14 individual zones.**
- **Control parameters** based on the HVAC technology.
- KNX-certified product, ensuring compatibility and reliability within the standard.
- Configuration through **ETS.**
- **Integration via one KNX gateway** per Airzone zoning system.
- **Compatible with KNX thermostats** and certified products.

# Temperature adjustment and control

**HVAC systems without zoning do not allow independent temperature control in each room**, resulting in thermal differences depending on factors such as proximity to the AC unit or how each space is used. Without taking occupancy or user preferences into account, **the result is an unbalanced and unpredictable indoor environment.**

This type of operation leads to comfort imbalances and unnecessary energy consumption, as it heats or cools areas that do not require it or that demand different conditions.

## AIRZONE SYSTEMS

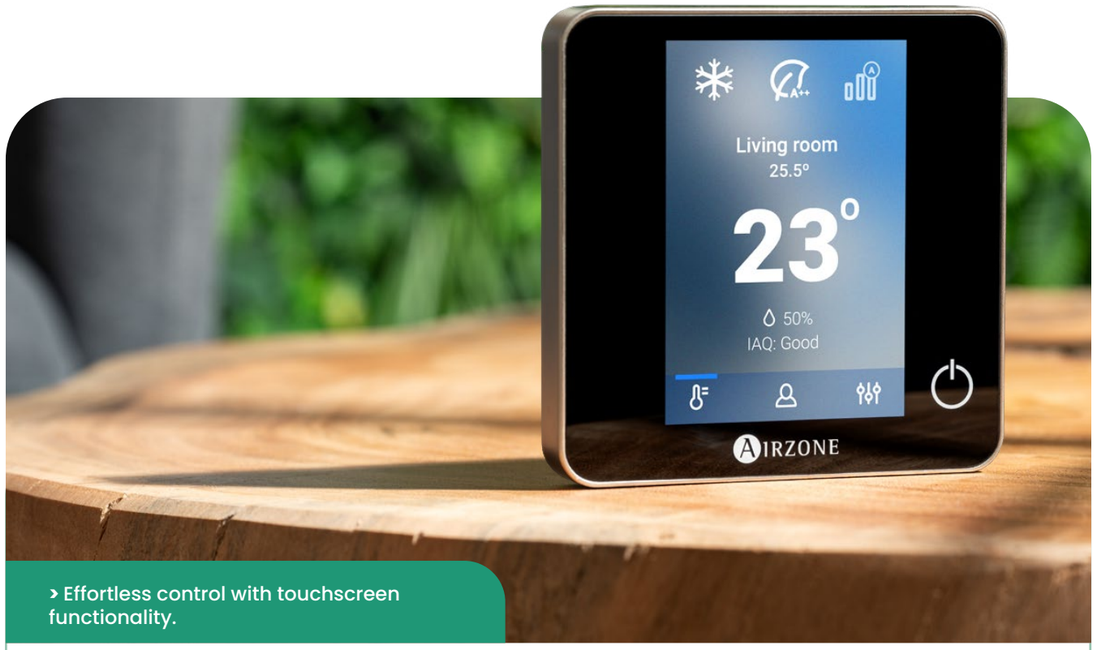
Airzone technology enables zoned HVAC control by establishing bidirectional communication between the Airzone system and the AC unit. A thermostat in each room acts as the user interface, allowing precise adjustment based on the needs of each space.

This communication is carried out through **gateways based on HVAC manufacturer's' proprietary protocols,** ensuring reliable regulation and precise control of the unit. Airzone main control boards also incorporate **advanced control algorithms** that correlate room temperature with set-point temperature, enabling **more precise HVAC output.** In addition, they integrate strategies that combine different technologies—air and water—optimizing overall system operation and improving both comfort and efficiency.

Additionally, **the systems can be expanded with extra features such as indoor air quality management, connectivity, integration with other devices, and energy consumption control,** evolving into a comprehensive solution for HVAC control and energy management.

## AIRZONE THERMOSTATS

Airzone thermostats act as **the system's control interface and integrate temperature and humidity sensors in each zone.** The data collected activates the main control board's algorithms, **enabling precise and coordinated adjustment of thermal demand,** regardless of the HVAC technology used.




› Effortless control with touchscreen functionality.

### Blueface

Wired

- Zone on/off.
- Temperature control.
- Humidity and room temperature readings.
- Indoor air quality control.
- Operation mode selection.[1]
- Zone navigation.
- Sleep mode for scheduled zone shutdown.
- Control of air, radiant, or combined stages.
- Eco-Adapt function.[1]

[1]Available if the thermostat is configured as the master controller.


> Control with capacitive buttons

## Think

**Wireless**

- Zone on/off.
- Temperature control.
- Indoor air quality control.
- Zone navigation.
- Humidity and room temperature readings.
- Operation mode selection.[1]
- Sleep mode for scheduled zone shutdown.

## Lite

**Wired or wireless**

- Zone on/off.
- Temperature control (±3 °C).[2]
- Humidity and room temperature readings.
- Color codes that indicate the zone's operation mode and status.


> Simplify control and raise or lower the temperature by 3 degrees

[1]Available if the thermostat is configured as the master controller.

[2]Temperature adjustment relative to the baseline value defined in the Airzone Blueface thermostat or the Airzone Cloud Webserver.



## PREMIUM RANGE

**Airzone has developed a new range of premium finishes for its thermostats,** designed to meet the standards of the most demanding spaces: advanced functionality combined with impeccable design.

**Finishes**


Air-to-water Boiler

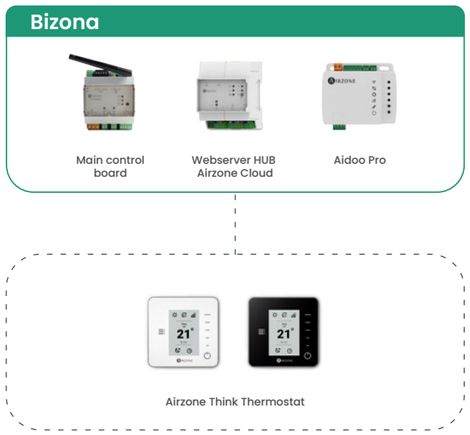
New

## Dual-zone

This system provides a simplified way **to control the indoor unit of an air-to-water system or a boiler for HVAC and domestic hot water,** regulating output for two independent zones.

**Main specifications:**

- **Control of domestic hot water production** in the air-to-water unit.
- **Management of demand for one or two circuits,** depending on the available communication protocol.
- **Dedicated port for up to two** wired or wireless Airzone thermostats.
- **Switching of the air-to-water system's** operation mode.
- **Activation of recirculation pumps** in the system circuits.




Air-to-water

Boiler

## FLEXA 25 RADIANT

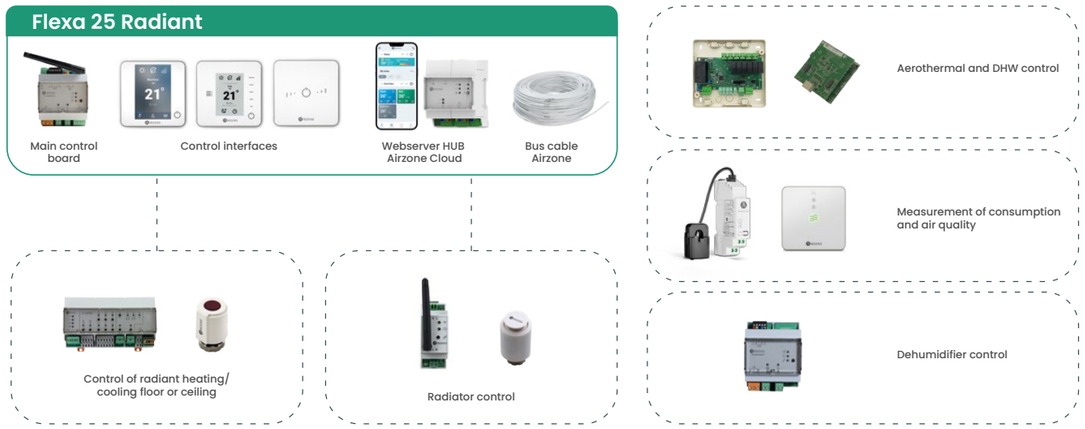
### Control of radiant heating and cooling units from a single system

**Flexa 25 Radiant** is a solution designed for **the control of underfloor radiant heating and cooling,** radiant ceiling cooling, and radiators, where **thermal inertia and dew point management** are key factors.

It enables optimization of thermal production and ensures **precise temperature control in each zone,** adapting system operation to actual demand.

It also allows the **integration of different types of emission systems** within a single control system, improving both comfort and overall system efficiency.

For radiators, it offers a **Plug&Play** solution compatible with most systems on the market.


### BENEFITS OF FLEXA 25 RADIANT

This system enables **zoned control and regulation of underfloor radiant heating and cooling systems and radiators,** ensuring precise, efficient, and coordinated system management.

- **Temperature control of up to 8 independent zones** via thermostats. Control of up to 20 wired heads and 10 wireless heads.
- **Centralized control** of hydronic underfloor/ceiling radiant heating and cooling systems, electric underfloor radiant systems, and radiators.
- **Dew point control**, preventing condensation and protecting the installation.

Flexa 25 Radiant

## RADIATOR CONTROL

- **Temperature control** using wireless thermostatic heads.
- **Radiant control algorithm** that leverages thermal inertia to adjust operation to the needs of each room, achieving additional energy savings.
- **Eco-Adapt function**, which adjusts temperature limits to improve system energy efficiency.

## UNDERFLOOR/CEILING RADIANT HEATING AND COOLING CONTROL

- **Control of floor thermal inertia and regulation of valve opening** based on room temperature, using thermostatic heads powered at 230 Vac.
- **Protection functions:** anti-freeze, limescale protection, and child lock.
- **Anti-condensation algorithms** based on humidity, supply temperature, and dehumidifier management.
- **Eco-Adapt function**, which optimizes system operation by limiting temperatures and adjusting thermal demand according to thermal inertia.

## HVAC AND DOMESTIC HOT WATER PRODUCTION CONTROL

- **Production management through communication gateways** using the manufacturer's protocol, and control of recirculation pumps.

## REMOTE CONTROL, CONNECTIVITY, AND INTEGRATION

- **Centralized HVAC** management via Airzone Cloud.
- **System monitoring** and error reading.
- **Local configuration** via Bluetooth and **remote control** via Airzone Cloud.
- **Integration with BMS, home automation systems, IoT, and voice assistants:** Amazon Alexa and Google Assistant.
- **Integration via standard protocols:** IFTTT, MQTT, Modbus RTU/TCP, BACnet MS/TP and IP, and KNX integration gateways.
- **Compatibility with proprietary protocols:** Samsung SmartThings, Control4, Crestron, Elan, Home Assistant, Eedomus, Nice, Jeedom, RTI, Savant, URC, SnC, Delta Dore, Schneider Electric, and Simon.

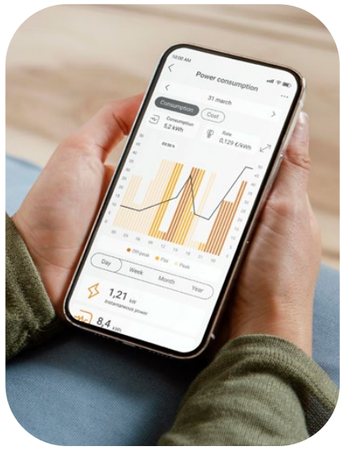
### Additional features

Flexa 25 Radiant enables **system expansion with additional control and management functionalities, integrating other installation equipment** to provide a more comprehensive and coordinated solution.

These optional features extend control beyond radiant HVAC systems, incorporating indoor air quality management and energy consumption monitoring.

## INDOOR AIR QUALITY CONTROL

- **Measurement of $CO_2$ levels, $PM_{2.5}$ and $PM_{10}$** particles, total volatile organic compounds (TVOC), and humidity via AirQ Sensor.
- Ventilation system **control.**
- Configuration of **operation modes:** automatic, on, and off.
- **Configuration** of ventilation unit parameters and operation modes **via Airzone Cloud.**
- Monitoring and **data analysis via Airzone Cloud.**

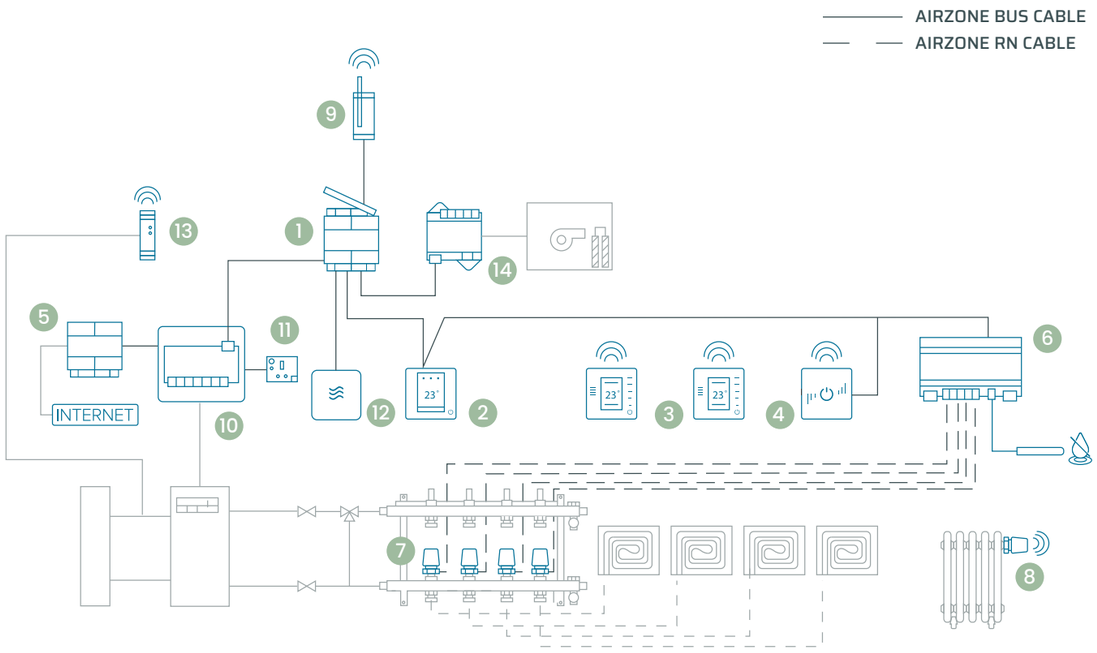



## ELECTRICAL CONSUMPTION CONTROL

- Measurement of **energy consumption** for domestic hot water production.
- Hourly energy consumption **logging.**
- **Measurement of** instantaneous power.
- Remote **on/off control** via Airzone Cloud.
- **Remote monitoring and access to historical data** via Airzone Cloud.

## FLEXA 25 RADIANT CONNECTION DIAGRAM

Control of underfloor radiant heating and cooling systems, radiators, and indoor air quality




| CONTROL TYPE | | REFERENCE | DESCRIPTION | |
|---|---|---|---|---|
| Radiant system control | Control of up to 8 zones and Wi-Fi connectivity | AZCE8CB1DIN | Airzone Flexa 25 main control board on DIN rail for radiant heating/cooling control (8z) | 1 |
| | | AZCE6BLUEZEROC [B/N] | Airzone Blueface Zero Thermostat wired [white/black] 8Z (CE6) | 2 |
| | | AZCE6THINKR [B/N] | Airzone Think monochrome thermostat wireless [white/black] 8Z (CE6) | 3 |
| | | AZCE6LITEC [B/N] | Airzone Lite thermostat wired [white/black] 8Z (CE6) | 4 |
| | | AZX6WSPHUB | Webserver HUB Airzone Cloud Dual 2.4-5 GHz/Ethernet | 5 |
| | For underfloor/ceiling radiant heating and cooling | AZCE8CM1VALC | Airzone Flexa 25 control module for wired thermostatic valve actuators 110/230V VALC | 6 |
| | | AZX6AC1VALC | Airzone wired thermostatic valve actuator 110/230v VALC for radiant elements M30x1.5 mm | 7 |
| | For radiators | AZX6AC1VALR | Airzone wireless thermostatic valve actuator VALR for radiators M30x1.5 mm | 8 |
| | | AZCE8CM1VALR | Airzone Flexa 25 control module for wireless thermostatic valve actuators VALR | 9 |
| Air-to-water and DHW control | | AZX6CCPGAWI | Airzone hydronic production control board | 10 |
| | | AZXGAW [brand] | Airzone air-to-water gateway - [brand] | 11 |
| Air quality and consumption monitoring | | AZAIQSNSOUT | Interface for monitoring and controlling the air quality of a zone within an Airzone system | 12 |
| | | AZX8AC1MTW1 | Wi-Fi electricity consumption measurement pack for single-phase installation Airzone | 13 |
| Dehumidifier control | | AZCE8CM1DRY | Airzone Flexa 25 / Easyzone 25 dehumidifier control module | 14 |

Direct expansion | VRF | Chiller | Boiler

## EASYZONE 25 PLUS

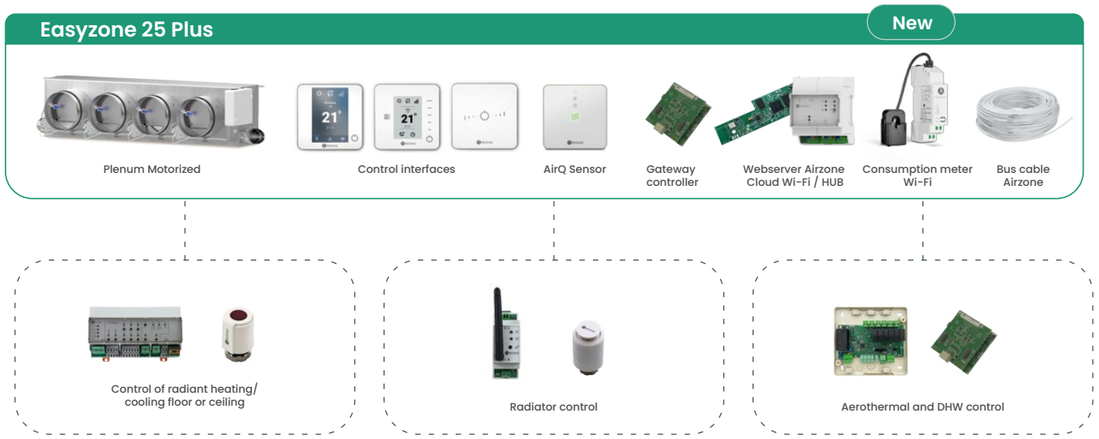
### Plug&Play system for comprehensive HVAC control


**Easyzone 25 Plus is an all-in-one, Plug & Play solution** designed for the comprehensive and coordinated control of different multi-zone HVAC technologies, integrating air conditioning, ventilation, and their combination with underfloor heating or radiator systems into a single solution.

Its design enables fast and flexible installation, adapting easily to architectural constraints, renovations, or layout changes.

**It includes Airzone's advanced technologies as standard to provide full system control,** including connectivity, integration, indoor air quality management, and electrical consumption monitoring.

In addition, it expands indoor air quality capabilities with features such as zone-by-zone ionization and fresh air intake, enhancing health, comfort, and system efficiency.




## BENEFITS OF EASYZONE 25 PLUS

Easyzone 25 Plus enables comprehensive, zoned HVAC control, integrating **multiple multizone HVAC technologies into a single open system** and ensuring efficient, coordinated management tailored to the real demand of each room.

- **Centralized control** of different multizone technologies: air conditioning, underfloor/ceiling radiant heating and cooling, radiators, ventilation, and domestic hot water.
- Quick **and easy-to-install Plug&Play solution**
- Temperature control of **up to 8 independent zones** via thermostats.
- **Dew point control**, preventing condensation and protecting the installation.
- Optimization of **energy consumption** by adjusting energy use across the installation.
- **Coordination of HVAC, indoor air quality, and energy consumption**, ensuring efficiency, comfort, and well-being.

Easyzone 25 Plus


## ELECTRICAL CONSUMPTION CONTROL

- **Energy consumption measurement** in single-phase units (up to three independent single-phase lines, one per input).
- **Hourly energy consumption** logging.
- **Measurement of** instantaneous power.

## INDOOR AIR QUALITY CONTROL

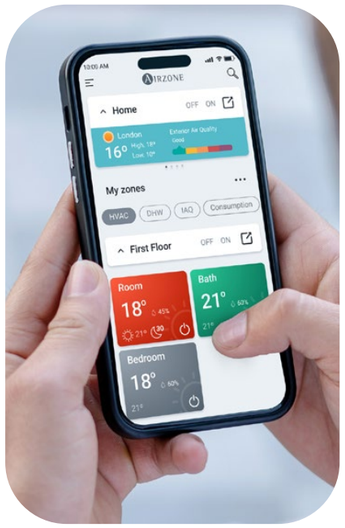
- **Measurement of $CO_2$ levels, $PM_{2.5}$ and $PM_{10}$** particles, total volatile organic compounds (TVOC), and humidity via AirQ Sensor.
- Indoor air treatment via **ionizers integrated into motorized dampers.**
- CMV input for the **supply of outdoor air.**
- **Ventilation** system **control.**
- **Operation modes**: automatic, on, and off.

## CENTRALIZED AIR CONDITIONING CONTROL

- Dynamic control of the indoor unit **based on demand.**
- **Temperature control in each zone** via motorized air distribution elements.
- **Eco-Adapt function** for limiting minimum and maximum temperatures.
- **Q-Adapt settings** for fan speed regulation with 5 presets.
- **Combined control algorithm** for water, air, and radiant heating/cooling stages.
- **R32 gas leak alert** via manufacturer communication protocol or configurable digital input.
- Configuration of **occupancy sensors and open-window detection**.

## REMOTE MANAGEMENT AND CONNECTIVITY VIA AIRZONE CLOUD

- **Settings via Bluetooth.**
- **Unit status monitoring** and error reading.
- **System automation:** time schedules, temperature limits, and creation of scenes and routines.
- **Compatibility with IoT** technologies and voice assistants: Amazon Alexa and Google Assistant.
- **Data tracking and charts** for temperature, energy consumption, and indoor air quality status.




## ADVANCED INTEGRATION WITH BMS / SMART HOME SYSTEMS

- **Integration via standard protocols:** IFTTT, MQTT, Modbus RTU/TCP, BACnet MS/TP and IP, and KNX integration gateways.
- **Compatibility with proprietary protocols:** Samsung SmartThings, Control4, Crestron, Elan, Home Assistant, Eedomus, Nice, Jeedom, RTI, Savant, URC, SnC, Delta Dore, Schneider Electric, and Simon.

### Additional features

Easyzone 25 Plus enables system expansion with additional control and management functionalities, integrating other HVAC technologies into a unified solution.

These optional features extend control beyond ducted air systems, **enabling the integrated management of radiant technologies from a single system and thermostat per zone.**

## RADIATOR CONTROL

- **Temperature control** using wireless thermostatic heads.
- **Radiant control algorithm** that leverages thermal inertia to adjust operation to the needs of each room, achieving additional energy savings.
- **Eco-Adapt function**, which adjusts temperature limits to improve system energy efficiency.

## UNDERFLOOR/CEILING RADIANT HEATING AND COOLING CONTROL

- **Control of floor thermal inertia and regulation of valve opening** based on room temperature, using thermostatic heads powered at 230 Vac.
- **Protection functions:** anti-freeze, limescale protection, and child lock.
- **Anti-condensation algorithms** based on humidity, supply temperature, and dehumidifier management.
- **Eco-Adapt function**, which optimizes system operation by limiting temperatures and adjusting thermal demand according to thermal inertia.

## HVAC AND DOMESTIC HOT WATER PRODUCTION CONTROL

- **Production management through communication gateways** using the manufacturer's protocol, and control of recirculation pumps.

## EASYZONE 25 PLUS MOTORIZED PLENUM

The motorized plenum is the central component of the Easyzone 25 Plus system, **responsible for distributing and regulating airflow in each zone**, ensuring efficient, balanced HVAC tailored to the real demand of each room.

**Its Plug&Play design simplifies installation** by integrating regulation, control, and communication with the indoor unit into a single component.

### Communication and control

- **Communication gateway** with the indoor unit, adapted to the manufacturer's protocols.
- **Bidirectional communication** for precise system control.
- **eu.bac-certified main control board**, ensuring efficient control.

### Zoned control

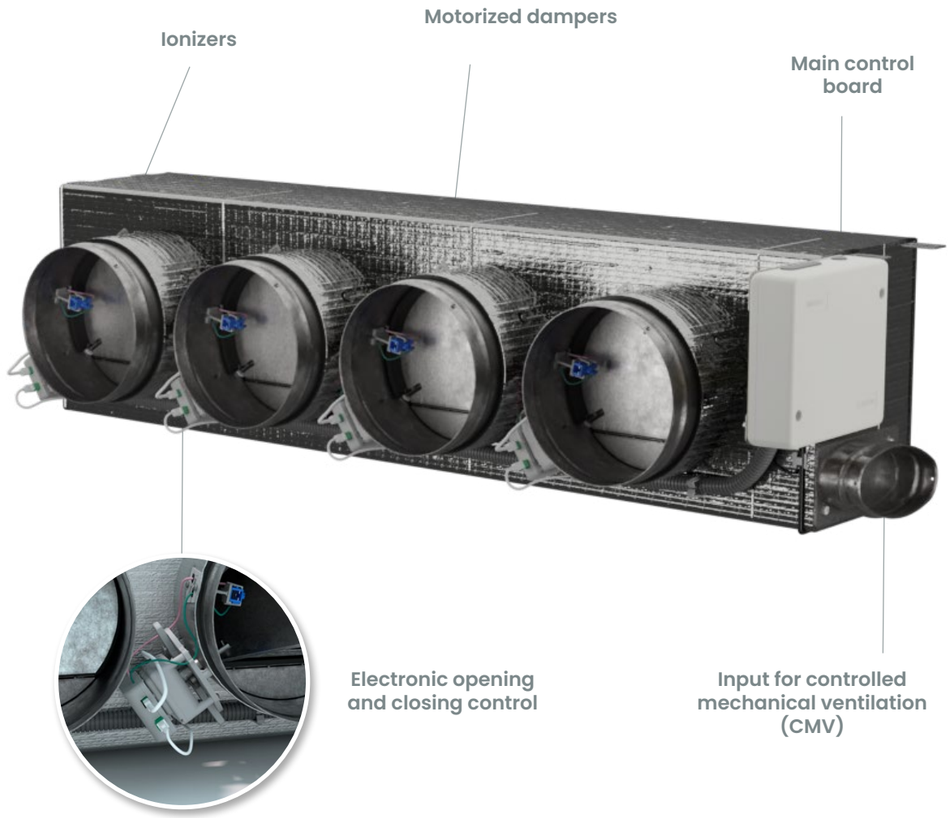
- **Automatic fan speed adjustment** based on zone demand.
- **Motorized dampers** with integrated manual airflow balancing.
- **Patented airflow** balancing system in each damper.
- **Electronic control of damper** opening and closing.

### Plug&Play design

- **Insulated plenum** (class B-s1d0 according to EN 13501).
- **Custom connection collar and factory-prewired** cabling.
- **Input for** controlled mechanical ventilation (CMV) in compatible models.
- **Different configurations available** depending on the installation type.

### Advanced features

- **Configuration of sensors and relays** (windows, occupancy, R32 gas leak).
- **Integration with radiant systems** via control outputs.



New

## NEW EASYZONE COMPACT

Easyzone 25 Plus expands its range with Easyzone Compact, **a compact-format motorized plenum designed to simplify installation** in space-constrained environments.

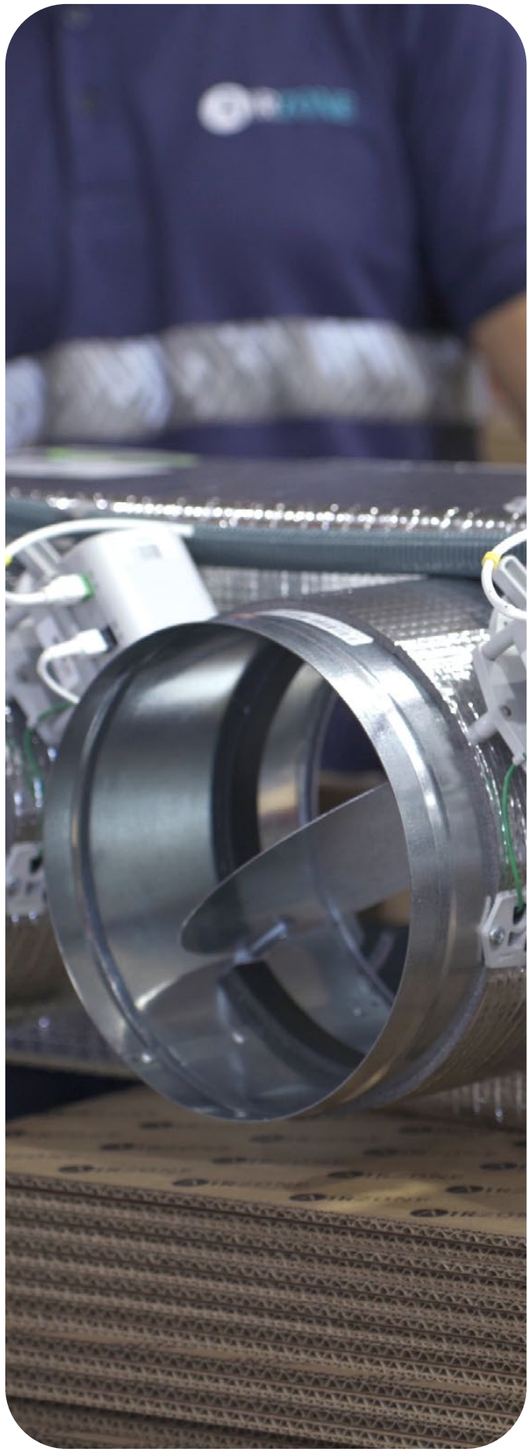
Its two-piece design—**plenum body and connection collar—enables easier on-site assembly**, optimizing installation time and improving accessibility for installers.

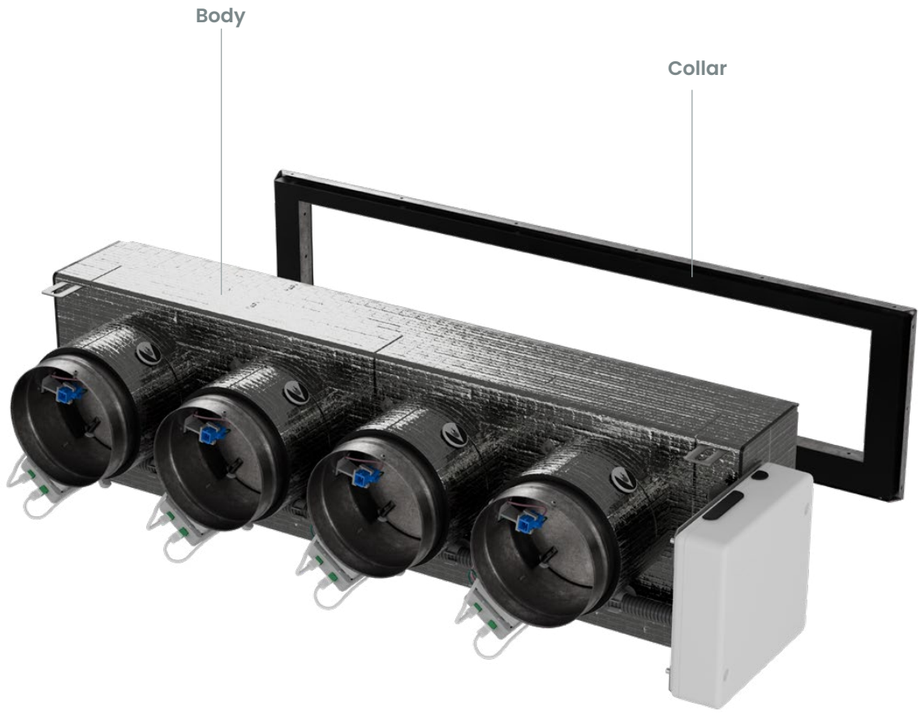
### Outstanding characteristics

- **Compact design with reduced depth** (290 mm), ideal for limited spaces.
- **Supplied as a kit** for easier transport and assembly.
- **Supply plenum without air intake** for CMV.
- **Main control board** integrated into the plenum body.
- **Flexible damper configuration** (Ø150 o Ø200 mm).
- **Integration of AirQ Sensor and Enerface Consumption Meter.**

### Connection collar and interface

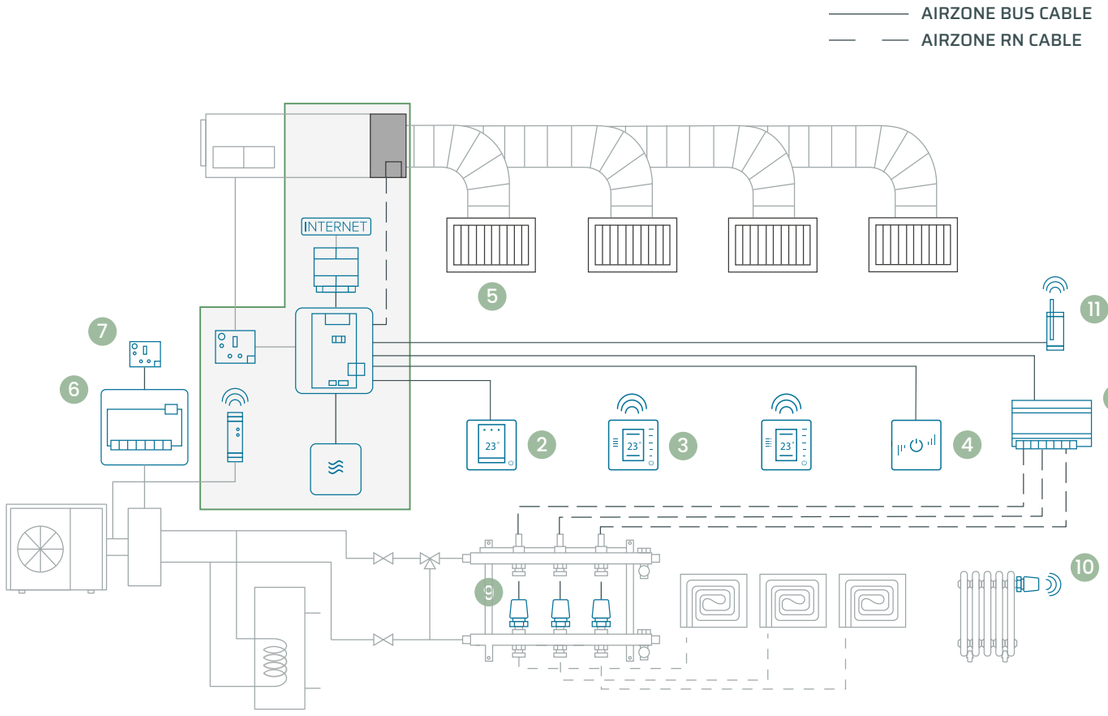
- **Automatic fan speed adjustment** based on zone demand.
- **Motorized dampers** with integrated manual airflow balancing.
- **Patented airflow** balancing system in each damper.
- **Electronic control of damper** opening and closing.





# EASYZONE 25 PLUS CONNECTION DIAGRAM

Ducted air, heating, and air quality




Easyzone 25 Plus includes a **surface-mounted AirQ Sensor** for easy installation in the room.

| CONTROL TYPE | REFERENCE | DESCRIPTION | |
|---|---|---|---|
| Air system control for up to 8 zones, air quality management, energy measurement, and Wi-Fi connectivity | AZH25 [brand] [ST/SL/BS] 01M4/ AZC25 [brand] [ST/SL/BS] 01M4 AZX8GTC [brand] | Airzone Easyzone 25 Plus plenum | 1 |
| | | Airzone Webserver HUB / Airzone Cloud Wi-Fi Webserver | |
| | | Ionizer per damper | |
| | | AirQ Indoor Air Quality Sensor | |
| | | Airzone Wi-Fi Consumption Meter for single-phase installations | |
| | | Airzone-[brand] controller gateway | |
| | AZCE6BLUEZEROC [B/N] | Airzone Blueface Zero Thermostat wired [white/black] 8Z (CE6) | 2 |
| | AZCE6THINKR [B/N] | Airzone Think monochrome thermostat wireless [white/black] 8Z (CE6) | 3 |
| | AZCE6LITEC [B/N] | Airzone Lite thermostat wired [white/black] 8Z (CE6) | 4 |
| | RDHV [Length] [Height] BKX | Double-deflection supply air grille [Length] [Height], white | 5 |
| Air-to-water and DHW control | AZX6CCPGAWI | Airzone hydronic production control board | 6 |
| | AZX8GAW [brand] | Airzone air-to-water gateway - [brand] | 7 |
| Underfloor/ceiling radiant heating and cooling control | AZCE8CM1VALC | Airzone Flexa 25 control module for wired thermostatic valve actuators 110/230V VALC | 8 |
| | AZX6AC1VALC | Airzone wired thermostatic valve actuator 110/230v VALC for radiant elements M30x1.5 mm | 9 |
| Radiator control | AZX6AC1VALR | Airzone wireless thermostatic valve actuator VALR for radiators M30x1.5 mm | 10 |
| | AZCE8CM1VALR | Airzone Flexa 25 control module for wireless thermostatic valve actuators VALR | 11 |

Direct expansion | VRF | Chiller | Boiler

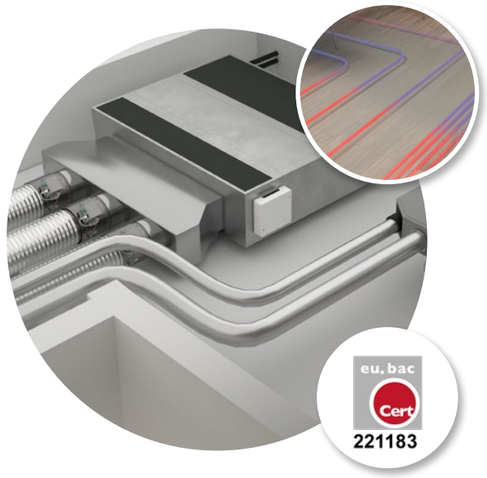
## FLEXA 25 PLUS CIRCULAR

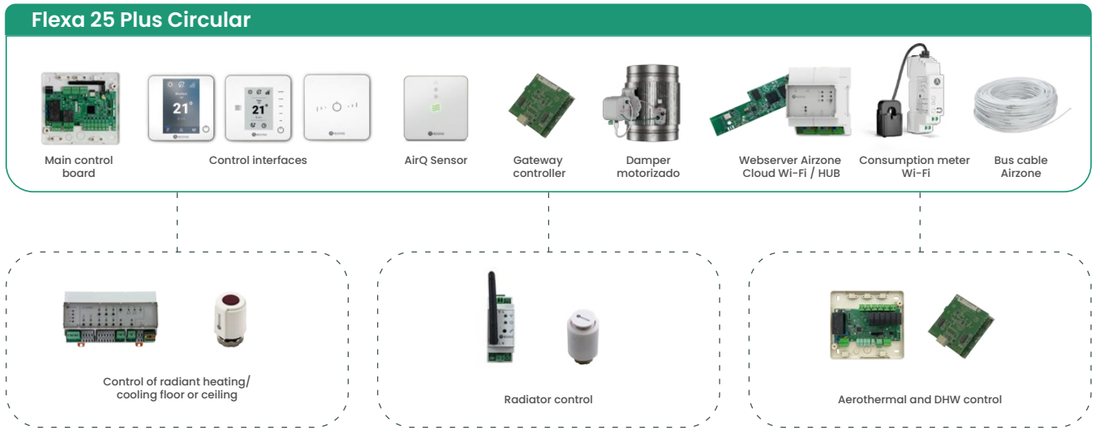
### Open system for comprehensive HVAC control

Flexa 25 Plus is a **system designed to prepare any HVAC application** for current and future energy and technological requirements.

**It enables the management of different HVAC technologies** from a single system, including ducted air conditioning, direct expansion systems, radiant underfloor/ceiling heating and cooling, radiators, and ventilation—integrating their operation into a coordinated and efficient solution.

It incorporates **Airzone's most advanced technologies as standard to provide full system control,** including connectivity, integration with other management systems, indoor air quality control, and energy consumption control—adapting operation to real demand and optimizing both comfort and energy use.




## BENEFITS OF FLEXA 25 PLUS

Flexa 25 Plus enables comprehensive, zoned HVAC control, integrating **multiple multizone HVAC technologies into a single open system** and ensuring efficient, coordinated management tailored to the real demand of each room.

- **Centralized control** of different multizone technologies: air conditioning, underfloor/ceiling radiant heating and cooling, radiators, ventilation, and domestic hot water.
- Temperature control of **up to 8 independent zones** via thermostats.
- **Dew point control**, preventing condensation and protecting the installation.
- Optimization of **energy consumption** by adjusting energy use across the installation.
- **Coordination of HVAC, indoor air quality, and energy consumption**, ensuring efficiency, comfort, and well-being.

Flexa 25 Plus Circular


## ELECTRICAL CONSUMPTION CONTROL

- **Energy consumption measurement** in single-phase units (up to three independent single-phase lines, one per input).
- **Hourly energy consumption** logging.
- **Measurement of** instantaneous power.

## INDOOR AIR QUALITY CONTROL

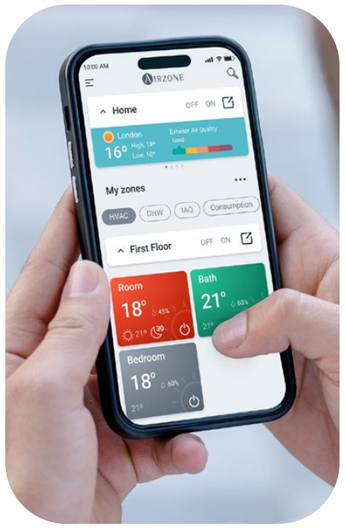
- **Measurement of $CO_2$ levels, $PM_{2.5}$ and $PM_{10}$** particles, total volatile organic compounds (TVOC), and humidity via AirQ Sensor.
- Indoor air treatment through **ionization via motorized circular dampers with integrated ionizers.**[1]
- **Ventilation** system **control.**
- **Operation modes**: automatic, on, and off.

## CENTRALIZED AIR CONDITIONING CONTROL

- **Temperature control in each zone** via motorized air distribution elements.
- Dynamic control of the indoor unit **based on demand.**
- **Eco-Adapt function** for limiting minimum and maximum temperatures.
- **Q-Adapt settings** for fan speed regulation with 5 presets.
- **Combined control algorithm** for water, air, and radiant heating/cooling stages.
- **R32 gas leak alert** via manufacturer communication protocol or configurable digital input.
- Configuration of **occupancy sensors and open-window detection**.

## REMOTE MANAGEMENT AND CONNECTIVITY VIA AIRZONE CLOUD

- **Settings via Bluetooth.**
- **Unit status monitoring** and error reading.
- **System automation:** time schedules, temperature limits, and creation of scenes and routines.
- **Compatibility with IoT** technologies and voice assistants: Amazon Alexa and Google Assistant.
- **Data tracking and charts** for temperature, energy consumption, and indoor air quality status.




## ADVANCED INTEGRATION WITH BMS / SMART HOME SYSTEMS

- **Integration via standard protocols:** IFTTT, MQTT, Modbus RTU/TCP, BACnet MS/TP and IP, and KNX integration gateways.
- **Compatibility with proprietary protocols:** Samsung SmartThings, Control4, Crestron, Elan, Home Assistant, Eedomus, Nice, Jeedom, RTI, Savant, URC, SnC, Delta Dore, Schneider Electric, and Simon.

[1]Also available in a version for rectangular duct systems with air treatment via the AirQ Box Lateral.

### Additional features

Flexa 25 Plus enables system expansion with additional control and management functionalities, integrating other HVAC technologies into a unified solution.

These optional features extend control beyond ducted air systems, **enabling the integrated management of radiant technologies from a single system and thermostat per zone.**

## RADIATOR CONTROL

- **Temperature control** using wireless thermostatic heads.
- **Radiant control algorithm** that leverages thermal inertia to adjust operation to the needs of each room, achieving additional energy savings.
- **Eco-Adapt function**, which adjusts temperature limits to improve system energy efficiency.

## UNDERFLOOR/CEILING RADIANT HEATING AND COOLING CONTROL

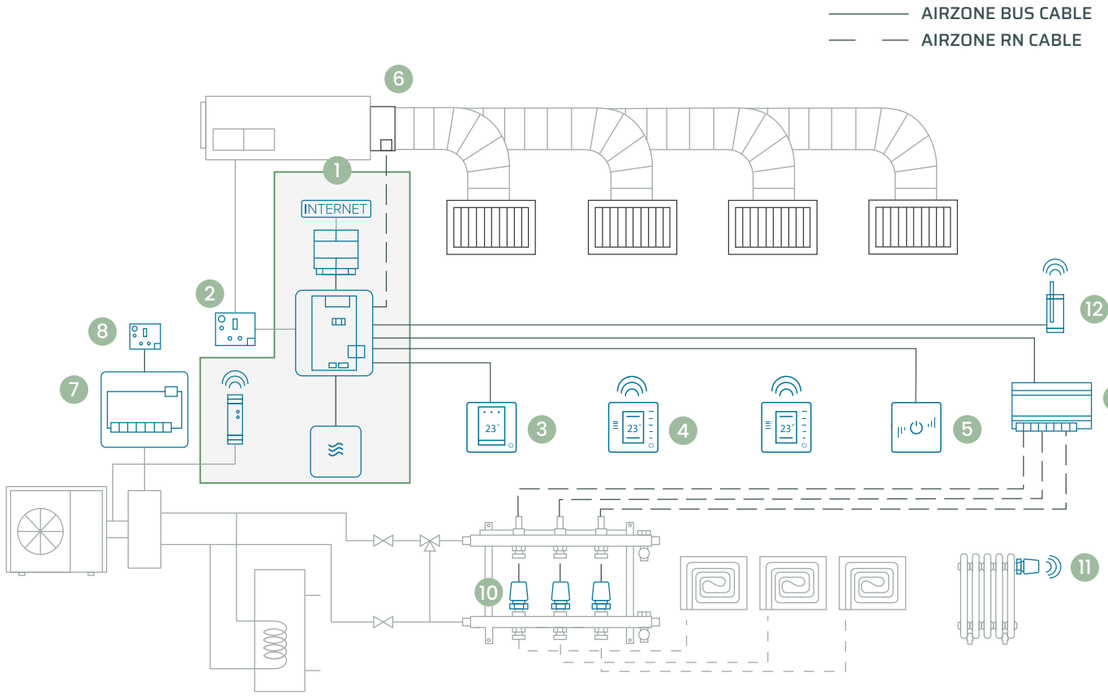
- **Control of floor thermal inertia and regulation of valve opening** based on room temperature, using thermostatic heads powered at 230 Vac.
- **Protection functions:** anti-freeze, limescale protection, and child lock.
- **Anti-condensation algorithms** based on humidity, supply temperature, and dehumidifier management.
- **Eco-Adapt function**, which optimizes system operation by limiting temperatures and adjusting thermal demand according to thermal inertia.

## HVAC AND DOMESTIC HOT WATER PRODUCTION CONTROL

- **Production management through communication gateways** using the manufacturer's protocol, and control of recirculation pumps.

# FLEXA 25 PLUS CIRCULAR CONNECTION DIAGRAM

Ducted air, heating, and air quality




| CONTROL TYPE | REFERENCE | DESCRIPTION | |
|---|---|---|---|
| Air system control for up to 8 zones, air quality management, energy measurement, and Wi-Fi connectivity | AZC25PCB1IAQCH/ AZC25PCB1IAQCW | Airzone Flexa 25 Circular main control board | 1 |
| | | Airzone Webserver HUB / Airzone Cloud Wi-Fi Webserver | |
| | | AirQ Indoor Air Quality Sensor | |
| | | Airzone Wi-Fi Consumption Meter for single-phase installations | |
| | AZX8GTC [brand] | Airzone-[brand] controller gateway | 2 |
| | AZCE6BLUEZEROC [B/N] | Airzone Blueface Zero Thermostat wired [white/black] 8Z (CE6) | 3 |
| | AZCE6THINKR [B/N] | Airzone Think monochrome thermostat wireless [white/black] 8Z (CE6) | 4 |
| | AZCE6LITEC [B/N] | Airzone Lite thermostat wired [white/black] 8Z (CE6) | 5 |
| | CPCC [brand] MTEION | Airzone motorized damper with ionization for circular duct [150/160/200] mm | 6 |
| Air-to-water and DHW control | AZX6CCPGAWI | Airzone hydronic production control board | 7 |
| | AZX8GAW [brand] | Airzone air-to-water gateway - [brand] | 8 |
| Underfloor/ceiling radiant heating and cooling control | AZCE8CM1VALC | Airzone Flexa 25 control module for wired thermostatic valve actuators 110/230V VALC | 9 |
| | AZX6AC1VALC | Airzone wired thermostatic valve actuator 110/230v VALC for radiant elements M30x1.5 mm | 10 |
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Flexa 25 Plus includes a **surface-mounted AirQ Sensor** for easy installation in the space.

Direct expansion | VRF | Chiller | Boiler

## FLEXA 25 PLUS RECTANGULAR

### Open system for comprehensive HVAC control

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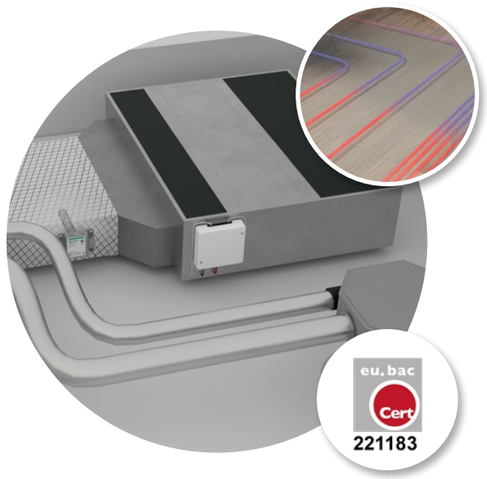


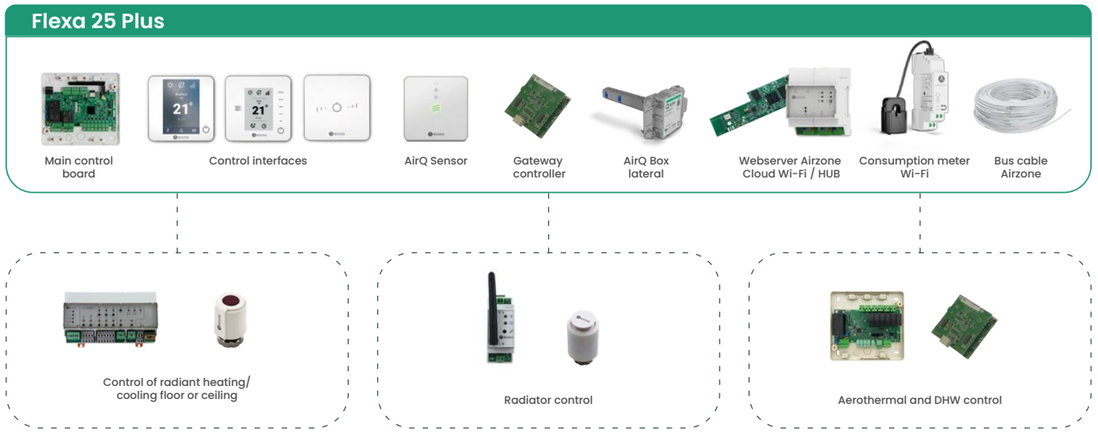


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- Temperature control of **up to 8 independent zones** via thermostats.
- **Dew point control**, preventing condensation and protecting the installation.
- Optimization of **energy consumption** by adjusting energy use across the installation.
- **Coordination of HVAC, indoor air quality, and energy consumption**, ensuring efficiency, comfort, and well-being.

Flexa 25 Plus Rectangular


## ELECTRICAL CONSUMPTION CONTROL

- **Energy consumption measurement** in single-phase units (up to three independent single-phase lines, one per input).
- **Hourly energy consumption** logging.
- **Measurement of** instantaneous power.

## INDOOR AIR QUALITY CONTROL

- **Measurement of $CO_2$ levels, $PM_{2.5}$ and $PM_{10}$** particles, total volatile organic compounds (TVOC), and humidity via AirQ Sensor.
- Indoor air treatment through **ionization via AirQ Box.**[1]
- **Ventilation** system **control.**
- **Operation modes**: automatic, on, and off.

## CENTRALIZED AIR CONDITIONING CONTROL

- Dynamic control of the indoor unit **based on demand.**
- **Temperature control in each zone** via motorized air distribution elements.
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- **Q-Adapt settings** for fan speed regulation with 5 presets.
- **Combined control algorithm** for water, air, and radiant heating/cooling stages.
- **R32 gas leak alert** via manufacturer communication protocol or configurable digital input.
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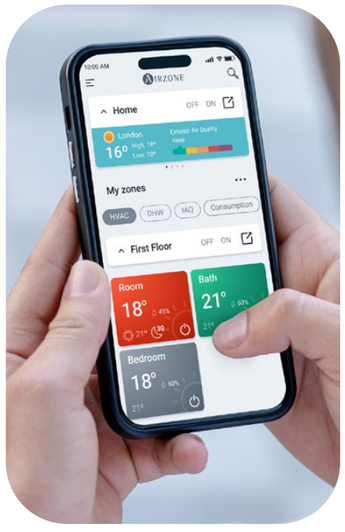


[1]Also available in a version for circular duct systems, with air treatment through motorized dampers with ionizers.



**Additional features**

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These optional features extend control beyond ducted air systems, **enabling the integrated management of radiant technologies from a single system and thermostat per zone.**

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- **Radiant control algorithm** that leverages thermal inertia to adjust operation to the needs of each room, achieving additional energy savings.
- **Eco-Adapt function**, which adjusts temperature limits to improve system energy efficiency.

## UNDERFLOOR/CEILING RADIANT HEATING AND COOLING CONTROL

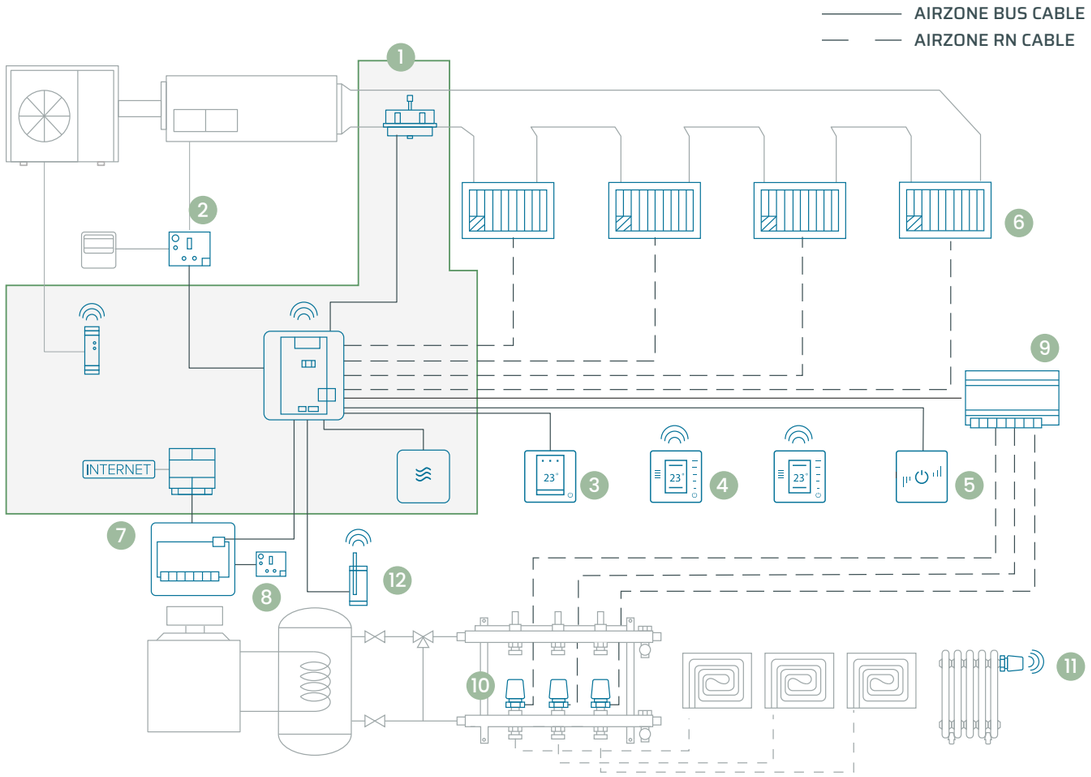
- **Control of floor thermal inertia and regulation of valve opening** based on room temperature, using thermostatic heads powered at 230 Vac.
- **Protection functions:** anti-freeze, limescale protection, and child lock.
- **Anti-condensation algorithms** based on humidity, supply temperature, and dehumidifier management.
- **Eco-Adapt function**, which optimizes system operation by limiting temperatures and adjusting thermal demand according to thermal inertia.

## HVAC AND DOMESTIC HOT WATER PRODUCTION CONTROL

- **Production management through communication gateways** using the manufacturer's protocol, and control of recirculation pumps.

# FLEXA 25 PLUS RECTANGULAR CONNECTION DIAGRAM

Ducted air, heating, and air quality




Flexa 25 Plus includes a **surface-mounted AirQ Sensor** for easy installation in the room, along with the **AirQ Box Lateral version** for easy installation in rectangular ductwork.

| CONTROL TYPE | REFERENCE | DESCRIPTION | |
|---|---|---|---|
| Air system control for up to 8 zones, air quality management, energy measurement, and Wi-Fi connectivity | AZC25PCB1MOTH/ AZC25PCBXMOTW | Airzone Flexa 25 Rectangular main control board | 1 |
| | | Airzone Webserver HUB / Airzone Cloud Wi-Fi Webserver | |
| | | AirQ Box Lateral ionizer | |
| | | AirQ Indoor Air Quality Sensor | |
| | | Airzone Wi-Fi Consumption Meter for single-phase installations | |
| | AZX8GTC [brand] | Airzone-[brand] controller gateway | 2 |
| | AZCE6BLUEZEROC [B/N] | Airzone Blueface Zero Thermostat wired [white/black] 8Z (CE6) | 3 |
| | AZCE6THINKR [B/N] | Airzone Think monochrome thermostat wireless [white/black] 8Z (CE6) | 4 |
| | AZCE6LITEC [B/N] | Airzone Lite thermostat wired [white/ black] 8Z (CE6) | 5 |
| | RINT [LENGTH] [HEIGHT] BKMRE | Airzone triple-motor smart grille [Length] [Height] white clip | 6 |
| Air-to-water and DHW control | AZX6CCPGAWI | Airzone hydronic production control board | 7 |
| | AZX8GAW [brand] | Airzone air-to-water gateway - [brand] | 8 |
| Underfloor/ceiling radiant heating and cooling control | AZCE8CM1VALC | Airzone Flexa 25 control module for wired thermostatic valve actuators 110/230V VALC | 9 |
| | AZX6AC1VALC | Airzone wired thermostatic valve actuator 110/230v VALC for radiant elements M30x1.5 mm | 10 |
| Radiator control | AZX6AC1VALR | Airzone wireless thermostatic valve actuator VALR for radiators M30x1.5 mm | 11 |
| | AZCE8CM1VALR | Airzone Flexa 25 control module for wireless thermostatic valve actuators VALR | 12 |

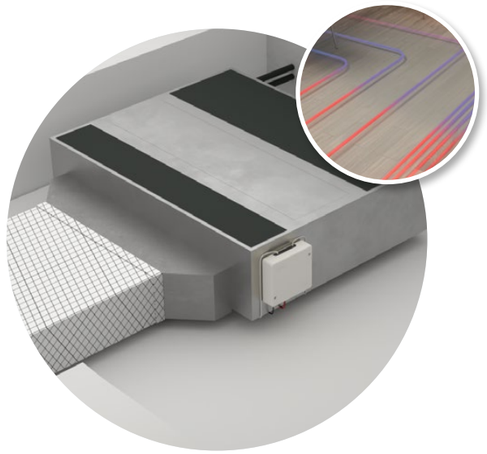
Air-to-water | Direct expansion | VRF | Chiller | Boiler

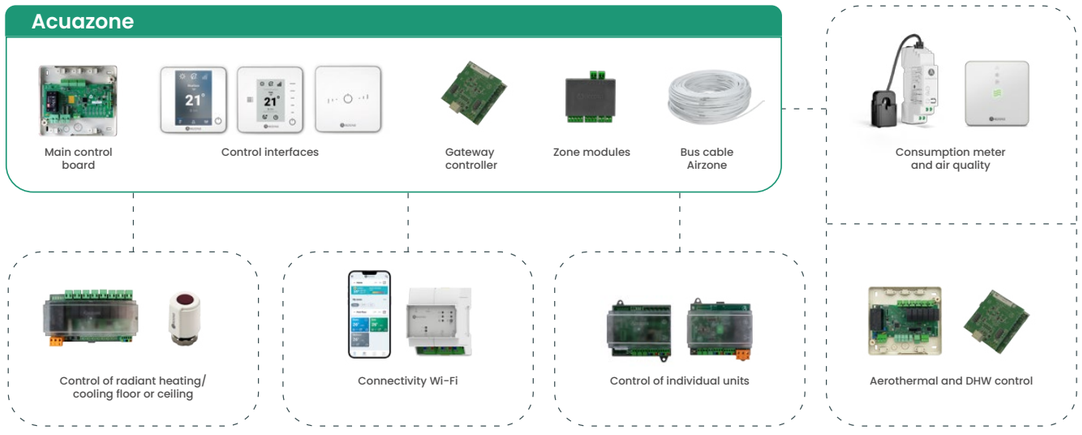
## ACUAZONE

### System for the control of complex HVAC applications

Acuazone is a system designed for the comprehensive control of complex HVAC applications, enabling **the management of different HVAC technologies from a single system, in both multizone and single-zone configurations.**

It independently regulates the temperature in each zone and adjusts airflow based on demand, optimizing overall system performance and providing **a high level of control for complex projects**.

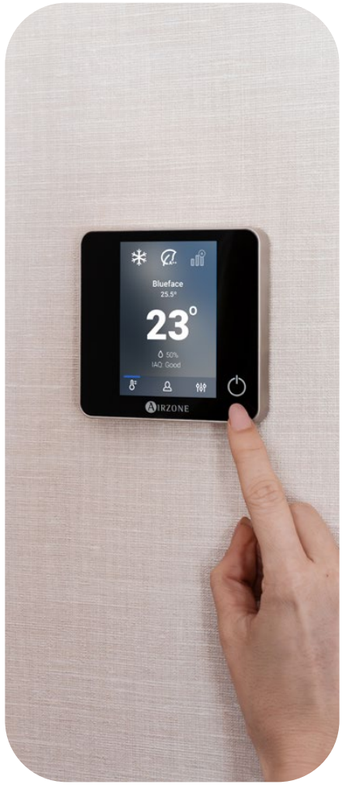





## BENEFITS OF ACUAZONE

Acuazone enables coordinated HVAC management in complex installations, ensuring efficient operation tailored to the real needs of each space.

- Temperature control of up to **32 independent zones** via thermostats.
- Centralized control of **different multizone or single-zone technologies:** ducted units, split systems, multi-split systems, fan coil units, and underfloor/ ceiling radiant heating and cooling.
- **Dew point control**, preventing condensation and protecting the installation.
- Optimization of **overall system performance.**




## CENTRALIZED AIR CONDITIONING CONTROL

- **Temperature control in each zone** via motorized air distribution elements.
- Dynamic control of the indoor unit **based on demand.**
- **Eco-Adapt function** for limiting minimum and maximum temperatures.
- **Q-Adapt configuration** for fan control based on the weight assigned to each zone.
- **Combined control algorithm** for water, air, and radiant heating/cooling stages.
- **R32 gas leak alert** via manufacturer communication protocol or configurable digital input.
- Configuration of **occupancy sensors and open-window detection**.

## UNDERFLOOR/CEILING RADIANT HEATING AND COOLING CONTROL

- **Control of floor thermal inertia and regulation of valve opening** based on room temperature, using thermostatic heads powered at 230 Vac.
- **Protection functions:** anti-freeze, limescale protection, and child lock.
- **Anti-condensation algorithms** based on humidity, supply temperature, and dehumidifier management.
- **Eco-Adapt function**, which optimizes system operation by limiting temperatures and adjusting thermal demand according to thermal inertia.

## HVAC AND DOMESTIC HOT WATER PRODUCTION CONTROL

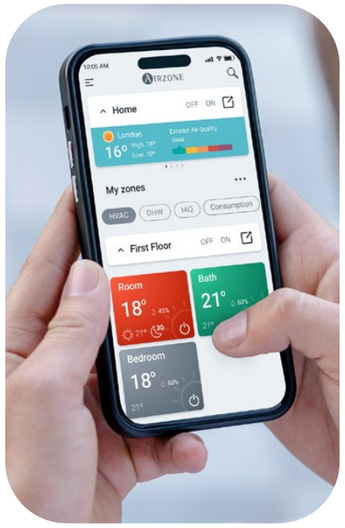
- **Production management through communication gateways** using the manufacturer's protocol, and control of recirculation pumps.

## REMOTE MANAGEMENT AND CONNECTIVITY VIA AIRZONE CLOUD

- **Settings via Bluetooth.**
- **Unit status monitoring** and error reading.
- **System automation:** time schedules, temperature limits, and creation of scenes and routines.
- **Compatibility with IoT** technologies and voice assistants: Amazon Alexa and Google Assistant.
- **Data tracking and charts** for temperature, energy consumption, and indoor air quality status.

## ADVANCED INTEGRATION WITH BMS / SMART HOME SYSTEMS

- **Integration via standard protocols:** IFTTT, MQTT, Modbus RTU/TCP, BACnet MS/TP and IP, and KNX integration gateways.
- **Compatibility with proprietary protocols:** Samsung SmartThings, Control4, Crestron, Elan, Home Assistant, Eedomus, Nice, Jeedom, RTI, Savant, URC, SnC, Delta Dore, Schneider Electric, and Simon.



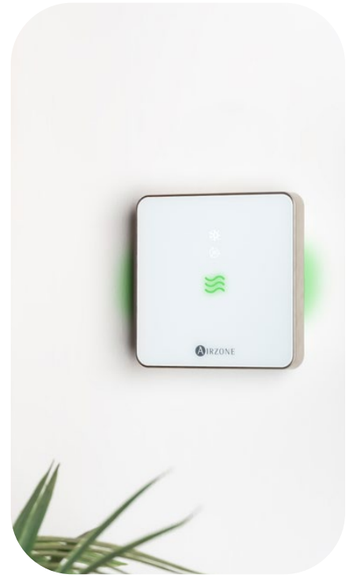

### Additional features

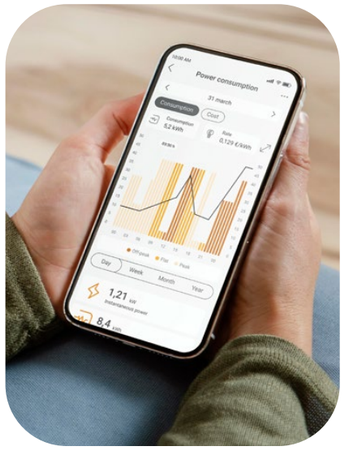
Acuazone enables system expansion with additional control and management functionalities, **integrating other installation equipment to provide a more comprehensive and coordinated solution.**

These optional features extend control beyond HVAC, **incorporating indoor air quality management and energy consumption monitoring.**

## INDOOR AIR QUALITY CONTROL

- **Measurement of $CO_2$ levels, $PM_{2.5}$ and $PM_{10}$** particles, total volatile organic compounds (TVOC), and humidity via AirQ Sensor.
- Ventilation system **control.**
- Configuration of **operation modes:** automatic, on, and off.
- Monitoring and **data analysis via Airzone Cloud.**



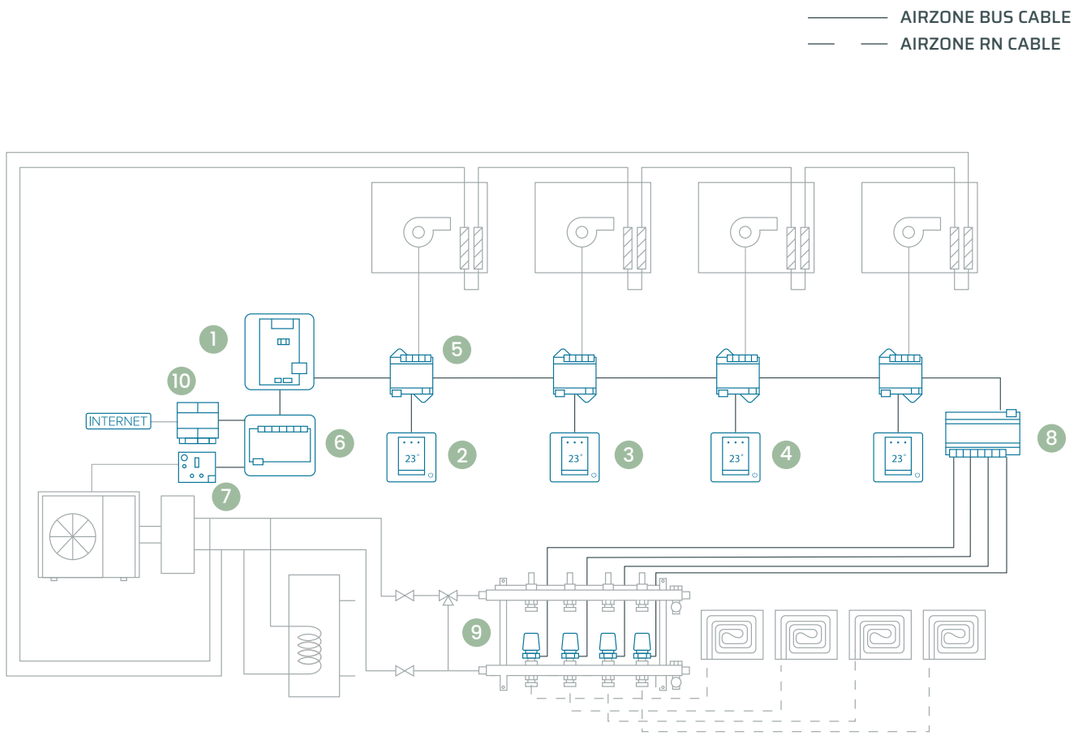




## ELECTRICAL CONSUMPTION CONTROL

- Energy consumption **measurement in single-phase units** (up to three independent single-phase lines, one per input).
- **Measurement of energy consumption** for domestic hot water production.
- Hourly energy consumption **logging.**
- Measurement of **instantaneous power.**

# ACUAZONE CONNECTION DIAGRAM

Ducted air systems, individual AC units, and underfloor radiant heating

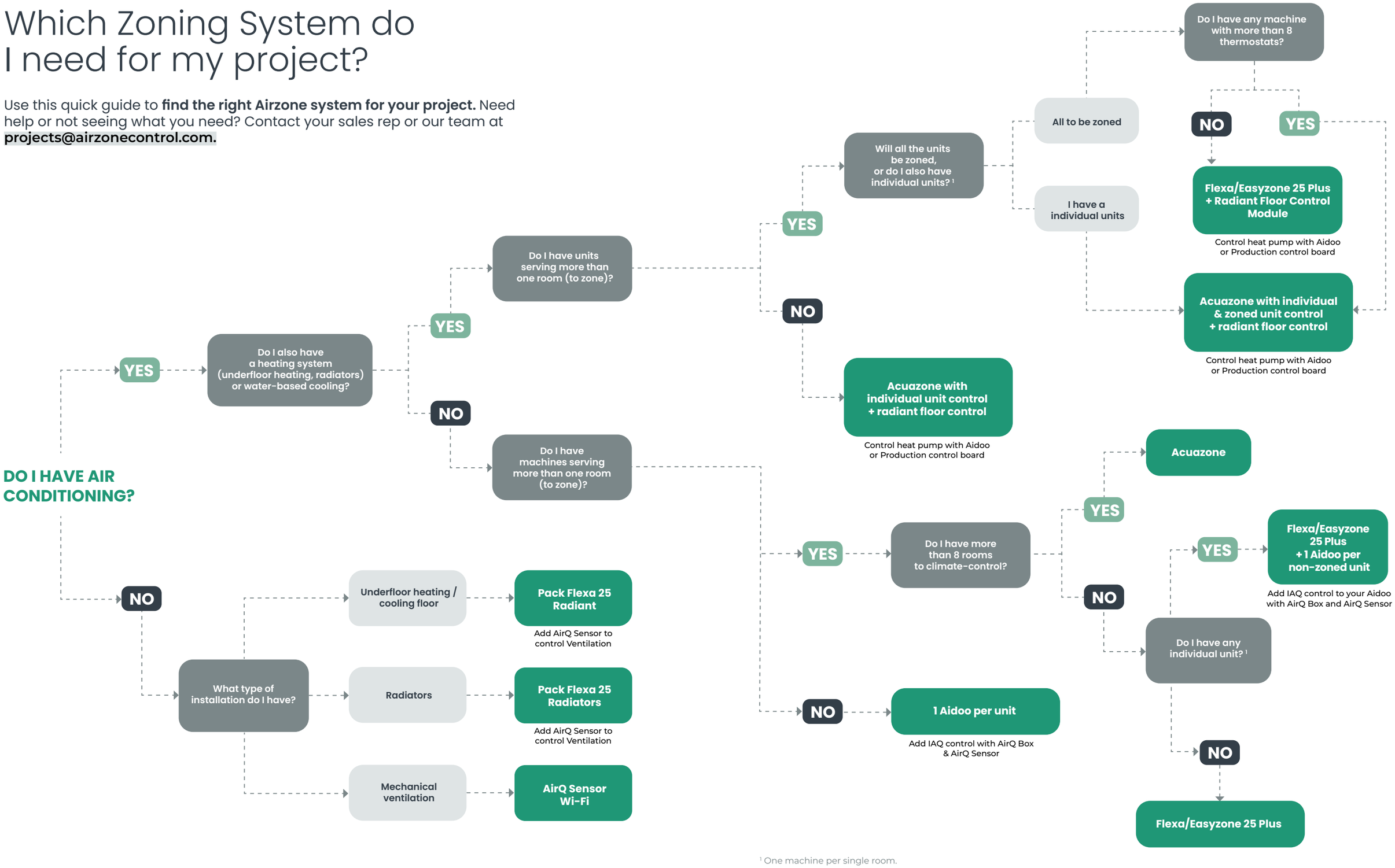



| CONTROL TYPE | REFERENCE | DESCRIPTION | |
|---|---|---|---|
| Air system control for up to 32 zones | AZDI6ACUAZONE | Airzone Acuazone main control board | 1 |
| | AZDI6BLUEZEROC [B/N] | Airzone Blueface Zero Thermostat wired [white/black] (DI6) | 2 |
| | AZDI6THINKR [B/N] | Airzone Think monochrome thermostat wireless [white/black] 33Z (DI6) | 3 |
| | AZDI6LITEC [B/N] | Airzone Lite thermostat wired [white/black] 32Z (DI6) | 4 |
| Control of individual air units | AZDI6ZMOFANC | Fan coil individual unit zone module wired 0-10V/3SPD 32Z | 5 |
| Air-to-water and DHW control | AZX6CCPGAWI | Airzone hydronic production control board | 6 |
| | AZX8GAW [brand] | Airzone air-to-water gateway - [brand] | 7 |
| Underfloor/ceiling radiant heating and cooling control | AZDI6OUTPUT8 | Airzone control module of radiant elements 32Z | 8 |
| | AZX6AC1VALC | Airzone wired thermostatic valve actuator 110/230v VALC for radiant elements M30x1.5 mm | 9 |
| Wi-Fi connectivity | AZX6WSPHUB | Webserver HUB Airzone Cloud Dual 2.4-5 GHz/Ethernet | 10 |

# Applied solutions

# Which Zoning System do I need for my project?

Use this quick guide to **find the right Airzone system for your project.** Need help or not seeing what you need? Contact your sales rep or our team at **projects@airzonecontrol.com.**




[1] One machine per single room.

# Energy retrofit in apartments

## PROJECT REQUIREMENTS

In energy retrofit projects for apartments with individual systems—such as split units, ducted VRF, and controlled mechanical ventilation (CMV)—**the core challenge is not just improving efficiency, but doing so without adding complexity or requiring invasive work**. Property owners need a solution that modernizes building management and enhances asset value without construction, while preserving existing systems.

At the same time, a centralized view of how all units are operating is essential to optimize energy use in an environment where consumption is variable and often difficult to control. Avoiding unnecessary energy use, establishing efficient operating criteria, and ensuring occupant comfort are key to achieving cost-effective operation.

This is further driven by the **growing need to monitor indoor air quality and access real energy consumption data—**not only to optimize costs, but also to improve overall building efficiency and strengthen its position in terms of energy certification.

Apartments

## BENEFITS PROVIDED BY AIRZONE

### UPGRADE WITHOUT CONSTRUCTION USING AIDOO PRO

Adds **advanced control to existing systems** without requiring any modifications to the application. With **Aidoo Pro**, users gain full access to the unit's operating parameters while replacing the original thermostat with an Airzone thermostat. This not only improves the look of the space, but also introduces features such as basic scheduling to help prevent improper use.

### AUTOMATED ENERGY SAVINGS THROUGH SENSORS

**Integration with occupancy sensors and window contacts enables the system to automatically adjust operation.** For example, HVAC can be turned off when an open window is detected or when the apartment is unoccupied, the HVAC avoiding unnecessary energy use without relying on user intervention.

### ENERGY CONSUMPTION MONITORING AND CONTROL

The Airzone ecosystem includes Enerface, its proprietary energy monitoring solution, which provides **real-time consumption data and detailed historical records for each unit or system**. This information is essential for identifying inefficiencies, optimizing application performance, and making data-driven decisions.

### ASSET VALUE ENHANCEMENT WITH MINIMAL INTERVENTION

By combining control, efficiency, and monitoring, **the building can be brought up to current standards without construction work—reducing implementation time and costs** while increasing its market value.

### DIRECT IMPROVEMENT OF THE BUILDING'S ENERGY CERTIFICATION (CE3X)

The integration of intelligent control, monitoring, and energy optimization systems directly **improves the building's energy rating and market positioning.** Property owners can request a dedicated energy certification improvement study through Airzone's technical team, which will assess the solution's real impact using tools such as CE3X or Tekton.

### EFFICIENT OPERATION THROUGH SCHEDULING AND TEMPERATURE LIMITS

The system enables **usage strategies that balance comfort and energy consumption**. Temperature ranges can be defined and operating schedules set based on actual apartment usage, preventing HVAC systems from running unnecessarily for extended periods.

### FULL HVAC CONTROL FOR PROPERTY MANAGEMENT

The property will centrally manage**all apartments from a single platform**, with real-time control capabilities. This makes it possible, for example, to limit temperature setpoints to prevent high energy consumption, schedule automatic system start-up and shutdown, or define routines such as switching the system off after a specified period of use.

In addition, **the system enables monitoring of unit status**, including error alerts and filter maintenance notifications, supporting more preventive and efficient application management.

### INDOOR AIR QUALITY CONTROL WITH AIRQ SENSOR

The integration of air quality sensors makes it possible **to monitor key parameters and ensure healthier indoor environments**. This is particularly important in smaller apartments or those with high occupant turnover.

# BMS control in hotels

## PROJECT REQUIREMENTS

In hotels with **HVAC systems working with fan coil units and centralized BMS control**, the main challenge is achieving efficient overall management without increasing technical complexity.

Property owners and maintenance teams need a solution that allows them **to monitor and control HVAC across all rooms from a single point**, without relying on complex integrations, custom developments, or systems that are difficult to maintain over time.

In this type of environment, where room usage is variable and directly dependent on guests, it is essential to establish operating criteria that **prevent unnecessary consumption while maintaining comfort**.

It is also critical to have clear information on unit status, facilitate issue detection, and simplify maintenance tasks—reducing intervention times and improving daily hotel operations.

Hotels

## BENEFITS PROVIDED BY AIRZONE

### INDIVIDUAL ROOM CONTROL WITHOUT COMPLEX INTERCONNECTION

Each fan coil unit is equipped with an Aidoo Pro and an Airzone thermostat, enabling **independent room-by-room control without the need to interconnect** all system components.

Aidoo Pro Fan Coil is **compatible with multiple models on the market, making it possible to upgrade existing systems**—even in multi-brand environments—without replacing fan coil units. This facilitates system modernization, reducing costs and avoiding invasive work.

This solution simplifies setup by working directly on each unit, eliminating the need for additional wiring or custom developments, and making both implementation and future expansion easier.

### CENTRALIZED MANAGEMENT FROM BMS OR MAINTENANCE WORKSTATION

The entire **application can be monitored and managed centrally from the hotel's BMS** or from a maintenance PC, providing a complete view of the status of all rooms and enabling real-time action.

This makes it possible to switch off unoccupied rooms, adjust temperature setpoints globally, or intervene in a specific room without needing to be physically present.

### IMPLEMENTATION WITHOUT PROGRAMMING

The combination of zoning, thermal production control, and ventilation management reduces unnecessary consumption, as the **system operates only where and when needed, improving overall application efficiency**.

### OPTIMIZED ENERGY CONSUMPTION IN DAILY USE

The system allows operating criteria to be defined that prevent unnecessary consumption driven by guest behavior. **Temperature ranges can be limited to avoid extreme setpoints** and ensure HVAC does not remain active when rooms are unoccupied—reducing energy use without affecting the guest experience.

The use of window contacts allows HVAC operation to stop when a window is opened, preventing energy loss. In addition, **when used as a key card holder, they enable controlled system shutdown when leaving the room, avoiding abrupt power cuts and protecting units** from improper use.

### ISSUE MONITORING AND UNIT MAINTENANCE

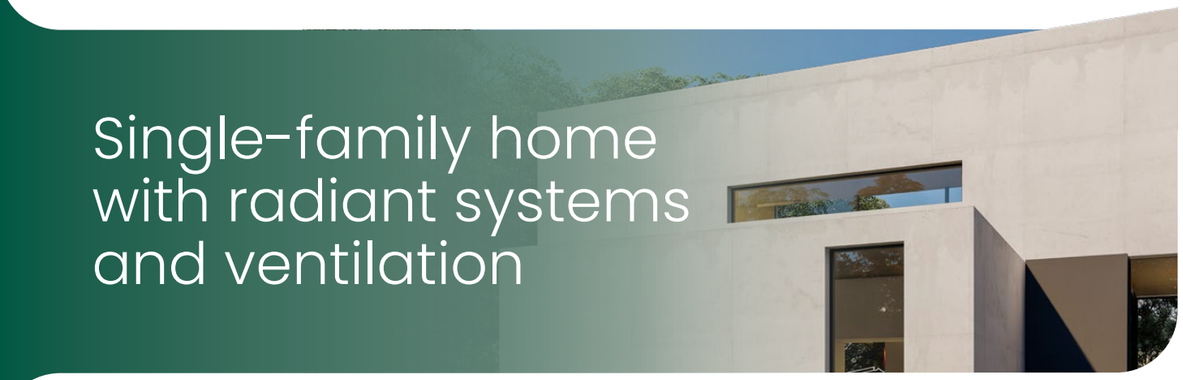
The system provides information on **unit status, including maintenance needs**, such as filter cleaning.

This enables preventive management, reduces diagnostic time, and helps keep the system operating under optimal conditions.

### SCALABILITY AND ADAPTABILITY TO DIFFERENT HOTEL TYPES

The solution **can be easily adapted to hotels of different sizes and configurations**, maintaining a simple control logic based on room-level management.

This supports both new projects and retrofit upgrades without disrupting hotel operations.



# Single-family home with radiant systems and ventilation

## PROJECT REQUIREMENTS

The combination of **radiant systems—such as underfloor heating and radiators—with mechanical ventilation using a heat recovery unit is becoming increasingly common in single-family homes**. These installations require coordinated management to ensure all systems operate together efficiently and deliver consistent comfort.

In this context, adapting temperature by room becomes essential. Factors such as orientation, usage, and occupancy mean that each space has different needs, so avoiding thermal imbalances and maintaining consistent comfort throughout the home is key.

In addition, improved building envelopes make it necessary to pay close attention **to indoor air quality and humidity control**. All of this, together with **the need to optimize energy consumption**, requires a solution capable of managing the application more efficiently and in line with actual usage.

Single-family home

## BENEFITS PROVIDED BY AIRZONE

### ZONING OF RADIANT SYSTEMS FOR ROOM-BY-ROOM COMFORT

Enables independent temperature control in each area of the home, adapting the system to the specific needs of each zone. This avoids unnecessary conditioning of underused spaces and improves overall thermal balance.

Studies conducted in collaboration with the University of Málaga (UMA) show that **zoning can reduce the energy consumption of an air-to-water system by up to 40%**, while also reducing the system's required capacity by matching output to actual demand.

### ADVANCED ALGORITHMS FOR RADIANT SYSTEMS

The system incorporates specific algorithms that optimize the performance of radiant systems.

It enables **control of floor thermal inertia by regulating valve opening** based on room temperature through thermostatic heads, improving accuracy and comfort in each zone.

It also includes **dew point control, preventing condensation** and protecting the application in cooling applications with underfloor cooling, ensuring safe and efficient operation.

### AIR-TO-WATER SYSTEM CONTROL WITH AIDOO PRO

Enables advanced management of the production system by providing access to key **parameters and optimizing performance based on the home's demand**. This improves system efficiency, avoids unnecessary cycling, and ensures more stable operation.

**Aidoo Pro allows users to view unit error detection and monitor system status**, facilitating application oversight and management. In certain models, it also enables control of domestic hot water (DHW) and access to consumption data.[1]

### IMPROVED AIR QUALITY AND HUMIDITY CONTROL

Control of the heat recovery unit **optimizes ventilation, ensuring continuous air renewal** without energy losses. **The AirQ Sensor Wi-Fi monitors key parameters** such as $CO_2$, particulate matter, and humidity, helping improve indoor air quality and maintain healthier environments.

It also enables **the definition of specific humidity ranges, automatically adjusting ventilation** when those thresholds are exceeded or not reached, ensuring optimal indoor conditions.

### INTEGRATED HVAC AND VENTILATION MANAGEMENT

Enables coordinated operation of radiant systems and ventilation, **preventing mismatches between temperature, humidity, and air renewal**. This ensures greater perceived comfort and more balanced overall application performance.

### INTEGRATION WITH HOME AUTOMATION SYSTEMS

Allows HVAC to be integrated with other home systems, making it easier to create scenarios and **automations tailored to daily use**, such as away modes or scheduled operation.

### ENERGY EFFICIENCY IN DAILY USE

The combination of zoning, thermal production control, and ventilation management reduces unnecessary consumption, as **the system operates only where and when needed,** improving overall application efficiency.

[1]Availability subject to unit model and manufacturer.

# Multifamily building with combined control and ventilation

## PROJECT REQUIREMENTS

The combination of **HVAC systems such as ducted air, underfloor heating/cooling, and mechanical ventilation** within a multifamily residence introduces a **higher level of complexity in comfort management**. Each system responds differently to thermal demand, making it necessary to implement a control solution that coordinates them efficiently.

In this type of setup, **adapting HVAC operation to the actual use of each room is key to avoiding thermal imbalances** and improving comfort. Factors such as orientation, occupancy, and how spaces are used make independent zone control essential, preventing the entire dwelling from operating as a single space.

The coexistence of multiple systems requires optimizing their combined operation, ensuring proper air renewal, humidity control, and suitable indoor conditions, especially in highly insulated homes. At the same time, **increasingly stringent efficiency standards in multifamily housing require optimization of both energy consumption and installed capacity**, while maintaining proper indoor air quality.

Multifamily

## BENEFITS PROVIDED BY AIRZONE

### COMBINED CONTROL OF HVAC SYSTEMS

Enables **coordinated operation of ducted** air systems and underfloor heating/cooling **from a single thermostat in each zone**. The desired temperature is set, and the system automatically manages how each technology operates.

Airzone's algorithms determine at any given time which system is most appropriate based on indoor conditions, avoiding overlap and automatically optimizing comfort.

### IMPROVED BUILDING ENERGY RATING

**Intelligent control, zoning, and optimized energy** use contribute to improving the home's energy rating and its positioning in the market.

Reduced demand and improved system performance have a direct impact on certification indicators

### ENERGY CONSUMPTION MONITORING AND CONTROL

The system includes **Enerface, which provides real-time consumption data** and access to detailed historical records.

This information supports **energy performance analysis, helps detect deviations, and enables optimization of system use**, improving overall efficiency in the home.

### ZONING TO REDUCE CONSUMPTION AND INSTALLED CAPACITY

Zoning reduces simultaneous demand, as not all rooms require air conditioning at the same time. This allows operation with **lower installed capacity, avoiding oversizing and optimizing investment**.

Studies conducted in collaboration with the University of Málaga (UMA) show **energy consumption reductions of between 20% and 42%, along with lower required capacity** by adjusting production to actual demand.

### VENTILATION AND INDOOR AIR QUALITY OPTIMIZATION

Enables efficient ventilation management by adapting air renewal to actual indoor conditions.

**The combination of air renewal and ionization reduces $CO_2$, particles, and humidity**, improving indoor environmental quality and supporting healthier conditions, especially in highly airtight homes.

### INTEGRATION WITH HOME AUTOMATION SYSTEMS

HVAC and ventilation can be integrated into building automation systems, enabling **centralized management coordinated with other elements of the home**. This facilitates automation scenarios and control from a single interface.

# Control of individual units in office environments

## PROJECT REQUIREMENTS

In office environments where different HVAC technologies coexist, such as fan coil units and direct expansion systems, **comfort management requires a solution that can adapt to different types of units and how they operate independently**.

The presence of individual units per zone or office requires control that enables precise operation of each system, avoiding uniform operation that does not reflect actual occupancy or usage needs.

In addition, in offices with **supplementary solutions such as radiant systems**, application complexity increases, requiring coordinated management across different technologies to ensure consistent comfort in all spaces.

This is combined with the need for tools that enable monitoring of unit performance, optimization of energy consumption, and **integration with the building management system (BMS), ensuring efficient and centralized operation.**

Office

## BENEFITS PROVIDED BY AIRZONE

### INDIVIDUAL CONTROL OF HVAC UNITS

Enables independent management of each unit, whether fan coil or direct expansion, **adapting operation to the specific needs of each zone or office**. This improves comfort and avoids unnecessary energy consumption resulting from generalized system control.

### ENERGY MONITORING AND CONSUMPTION OPTIMIZATION

The integration of solutions such as **Enerface provides real-time visibility into energy consumption** and access to detailed historical data. This information supports analysis of energy performance, helping to identify deviations and unnecessary consumption. As a result, decision-making is improved and system use is optimized, contributing to more efficient building energy management.

### COMBINED MANAGEMENT OF MULTIPLE TECHNOLOGIES

The solution integrates technologies such as fan coil, direct expansion, and radiant systems into a single control system, coordinating their operation to ensure balanced application performance. This **simplifies the management of complex environments where different systems coexist and improves both efficiency and overall comfort**.

### IMPROVED INDOOR AIR QUALITY

**The use of the AirQ Sensor Wi-Fi enables monitoring of key air quality parameters**, such as $CO_2$, particulate matter, and humidity, and adapts the system to real space conditions. In office environments, this has a direct impact on occupant comfort and productivity.

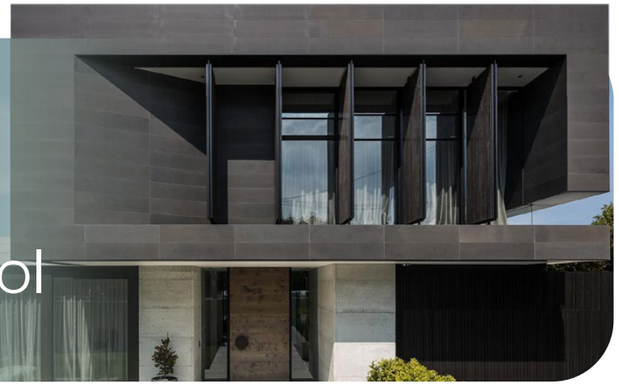
### INTEGRATION WITH THE BUILDING'S BMS

The system can be integrated into the building's BMS, enabling **centralized management of all HVAC units along with other building systems**. This improves overall building operation and facilitates control from a single point.

### INSTALLATION OPTIMIZATION AND SAFETY

The system helps streamline installation, **reducing complexity and improving coordination between building systems. I**t also allows equipment to be centralized outside occupied areas, improving usability and access for maintenance, while simplifying system oversight and reducing the number of condensate drains and power connections required.

**Its control capabilities also support enhanced system safety, including A2L refrigerant management,** while helping reduce periodic maintenance requirements.



# Single-family home with combined control

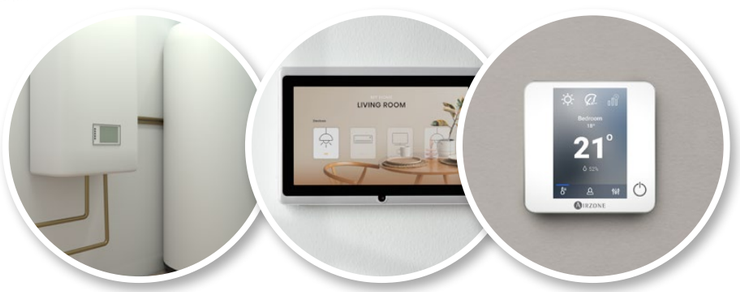
## PROJECT REQUIREMENTS

In single-family homes with multiple floors and different HVAC systems, the application may combine solutions such as fan coils, direct expansion units, underfloor heating/cooling, and even electric heating systems in specific areas such as bathrooms. **This range of technologies makes it necessary to have a control system capable of managing all elements in a coordinated way.**

The property requires a solution that unifies control of the entire application, regardless of system type or manufacturer, ensuring consistent operation across floors and rooms while adapting to the actual needs of each space.

The presence of systems such as **mechanical ventilation with heat recovery and air-to-water technology adds an additional level of complexity,** as it requires coordinated management of production, distribution, and air renewal. Therefore, all components must be integrated under a single control logic that optimizes both comfort and energy efficiency in the home.

This is complemented by the need for a **solution capable of integrating with home automation systems, enabling advanced home management**.



Combined single-family

## BENEFITS PROVIDED BY AIRZONE

### UNIFIED CONTROL OF MIXED INSTALLATIONS

**Enables centralized management of systems of different types, such as fan coils, direct expansion units, underfloor heating/cooling, and electric floor systems,** integrating all components within a single control solution. This ensures coordinated operation across systems and prevents conflicts or overlap, improving comfort and overall application performance.

From a single thermostat per zone, the temperature is set, while system algorithms automatically determine which technology to use at any given time, avoiding overlap and optimizing comfort.

### VERSATILITY TO ADAPT TO ANY TYPE OF HOME

The solution adapts to complex installations with different systems per floor or per room, enabling **control of heterogeneous configurations from a single platform**. This makes it particularly well suited for single-family homes with customized solutions.

### OPTIMIZATION OF OVERALL APPLICATION OPERATION

Coordination among all systems allows operation to be adjusted to the home's actual demand, **reducing unnecessary consumption and improving overall energy efficiency**.

The integration of **Enerface also provides visibility into energy consumption and helps** optimize application use on a day-to-day basis.

### INTEGRATION WITH HOME AUTOMATION SYSTEMS

The solution enables HVAC and ventilation to be integrated into home automation systems, allowing all **components to be managed together from a single platform**.

This makes it possible to coordinate system operation based on scenarios, schedules, or usage conditions, **automatically adapting application behavior to the home's daily routines**. It also enables centralized control and improves the user experience by simplifying interaction with complex systems.

### PRODUCTION CONTROL AND INTEGRATION WITH AIR-TO-WATER SYSTEMS

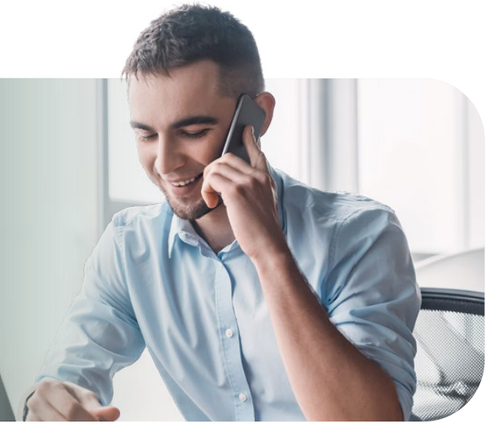
The integration of the production control board (CCP) and air-to-water gateways allows **the production system to be incorporated into the overall home control strategy,** optimizing operation based on real demand. This improves system efficiency and facilitates monitoring and management. In certain models, it also enables domestic hot water (DHW) control.[1]

### VENTILATION AND INDOOR AIR QUALITY MANAGEMENT

The system enables ventilation control through Aidoo Pro Ventilation, adapting its operation to the conditions of the home. The use of the **AirQ Sensor Wi-Fi allows key parameters to be monitored** and **improves indoor air quality,** ensuring healthier and more balanced environments.

[1]Availability subject to unit model and manufacturer.

Airzone
services



# Airzone Services

The shift toward a more conscious approach to HVAC requires ongoing support throughout the entire system lifecycle.

**Airzone provides pre-sales and after-sales services to support specifiers, installers, integrators, and users—**from guidance and training during the design phase to commissioning, maintenance, and system support during operation.

## TRAINING AND CONSULTING SERVICES

**TRAINING** training@airzonecontrol.com

### Airzone Academy

**Airzone Academy is Airzone's dedicated online training platform,** offering a mix of theoretical and practical content **available both in-person and online.** Its programs are tailored to meet the specific needs of installers, engineers, and integrators.

airzonecontrol.com/eu/en/academy/

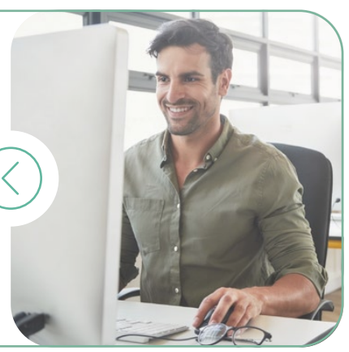
**More than 600 courses** available

**More than 25,000** registered professionals

#### Online training

**Airzone Academy allows users to manage their training independently.** The platform covers key aspects of installation, operation, and system optimization.

**Open access with unlimited enrollment • Courses organized by professional profile • Flexible formats: online and webinars.**







#### In-person and customized training

Airzone's training team **delivers hands-on, in-person sessions** tailored to each project's characteristics and user profile.

| REFERENCE | DESCRIPTION |
|---|---|
| AZSPTRAINING | Technical training and/or pre-sales service |
| AZSPPROJECT01 | Airzone project advice service |
| AZSPPROJECT02 | Airzone project collaboration service |

## PROJECT SERVICES

### Technical advising and design tools

Airzone has **a team of engineers that provides technical support for defining, sizing, and designing solutions** tailored to each installation, taking into account regulations, technical requirements, and project constraints.

## COMMERCIAL SERVICE

### Commercial and administrative support

A specialized team supports **order management, quotation preparation, and delivery planning**, ensuring efficient and reliable operations.

sales@airzonecontrol.com

### Technical resources available on airzonecontrol.com

Airzone provides professionals with **free tools for designing HVAC projects.**

**Ductzone**
**Design software** based on plans or images.

**CAD blocks and BIM models**
**Technical resources in Revit** (via BIM&Co and BIMobject).

**Virtual showroom**
**Simulation of Airzone solutions** in a virtual environment.

**FlowTool**
**Software for calculating** air distribution elements.

**Technical studies**
**Reports developed** in collaboration with universities.

**Compatibility tool**
**Technical resources in Revit** (via BIM&Co and BIMobject).

**Quote tool**
**Fast generation of** customized quotes.

**Technical documentation**
**Manuals, datasheets, catalogs, videos,** and FAQs.

# LOGISTICS AND TRANSPORT SERVICES

**Airzone's logistics department** works to provide optimal transportation service, ensuring a balance between speed, service, and quality for both national and international shipments.

## TYPES OF SERVICES

A specialized team supports **order management, quotation preparation, and delivery planning**, ensuring efficient and reliable operations.

### Economy service

Standard ground transportation is the default option for our orders. **This service consolidates shipments from multiple customers.** For orders containing more than three pallets, delivery may take place on different days and within different time windows.


### Free shipping

When placing your order through **airzonecontrol.com**, transportation will not incur any additional cost.

### Express service

We offer two types of service for urgent deliveries:

- **Air freight.** Our fastest option for urgent orders. Shipments are made by air, ensuring quick and efficient delivery. Additional costs may apply (upon request). This is the default service for warranty replacement orders, with no extra charge.
- **Direct truck.** An exclusive service for large orders. A dedicated vehicle transports goods for a single customer, ensuring direct and personalized delivery.
  - » **Available for orders exceeding €70,000 or** requiring **more than 10 pallets for shipment.**
  - » **Delivery on the date and time agreed with the** customer.
  - » **Enhanced security and control** over the transportation of goods.

## COMMERCIAL DOCUMENTS

**The goods will always be accompanied by the necessary commercial documents** to ensure smooth transit and efficient customs handling. These documents include **a delivery note or invoice** (depending on the destination country) and a packing list, which details the packaging and the corresponding HS code.

## ORDER TRACEABILITY

EXW orders will receive an **email with instructions for goods collection.** Orders with shipping managed by Airzone will receive a tracking link from the carrier. In both cases, the following documents will be attached:

- Delivery note and/or invoice.
- Packing list.
- Inventory Dispatch Confirmation.
- Serial numbers of the goods.

## DAMAGE AND RETURNS

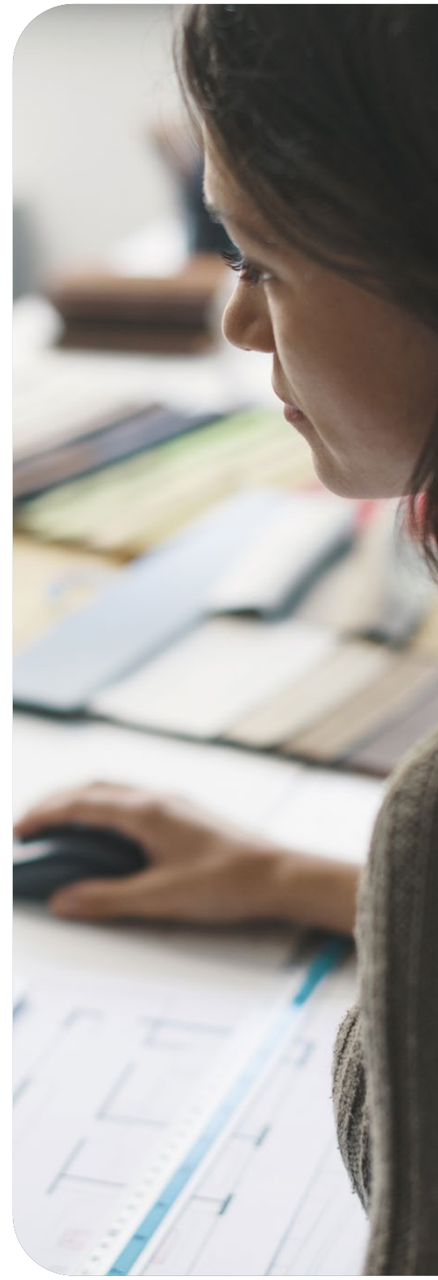
**Airzone provides assistance in filing claims for any transport-related damage.** Goods must be inspected upon delivery. If inspection is not possible at the time of delivery, a note should be left with the carrier stating: “Goods pending inspection.”

In case of damage to the packaging or the goods, **the carrier and Airzone must be notified immediately.** Claims with the carrier must be made within 10 working days.

## SUSTAINABILITY

At Airzone, we reaffirm our commitment to sustainability by adopting **measures that reduce the environmental impact of our operations. We have eliminated plastic from our product packaging.**

In addition, we hold **Ecopassport and Ecovadis** certifications, which we renew and improve each year to ensure more responsible resource management.



# AIRZONE CARE

Airzone Care brings together after-sales services that **support professionals and users throughout the entire lifecycle of an Airzone solution,** ensuring proper commissioning, configuration, operation, updates, and security.

**It covers everything from initial system setup to specialized technical support** for resolving incidents, faults, or component replacement needs.

To achieve this, **Airzone has a specialized technical team that provides on-site, remote, and phone support,** ensuring compliance with Airzone quality standards.

## COMMISSIONING SERVICE

The Airzone Care commissioning service adds value from the very start of the installation, ensuring proper system operation through **the involvement of an Airzone Technical Service (ATS) agent and reducing operational risks.**

### Warranty extension

Commissioning activates the **extended warranty of up to 5 years** for all installed components, including both labor and parts replacement.


### Service request and activation

**Procurement and commissioning process**

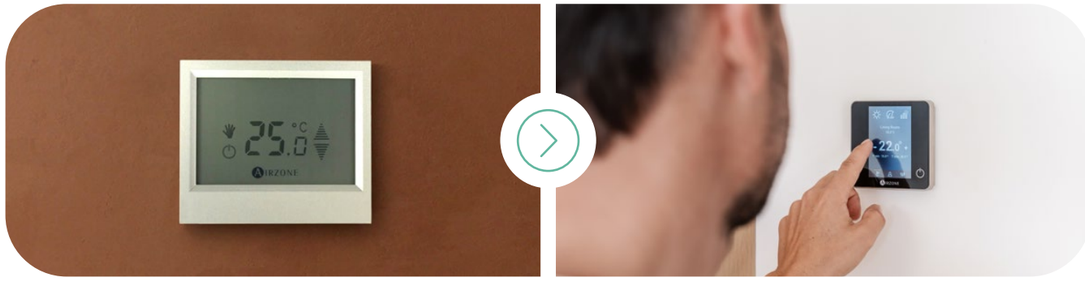
- **Service request** submitted together with the order.
- **Receipt of the Airzone Care card** with identification code.
- **Activation via My Area** and coordination with the Airzone Technical Service (ATS).
- **Installation validation and warranty activation** during commissioning.

| REFERENCE | DESCRIPTION |
|---|---|
| AZST0102 | Airzone Care 5-year warranty + Technical Service for 1–2 systems / 1–5 Aidoo units |
| AZST0305 | Airzone Care 5-year warranty + Technical Service for 3–5 systems / 6–10 Aidoo units |
| AZST0610 | Airzone Care 5-year warranty + Technical Service for 6–10 systems / 11–20 Aidoo units |
| AZST1120 | Airzone Care 5-year warranty + Technical Service for 11–20 systems / 21–40 Aidoo units |
| AZST2140 | Airzone Care 5-year warranty + Technical Service for 21–40 systems / 41–80 Aidoo units |
| AZST4160 | Airzone Care 5-year warranty + Technical Service for 41–60 systems / 81–120 Aidoo units |
| AZSTAPP | Assistance with Webserver pairing and Airzone Cloud app setup |
| AZSTVISIT | Airzone pre-installation site visit |

## RENEWAL PLAN

Airzone Care includes the Renewal Plan, **a service focused on the technological modernization of installations by facilitating the replacement of existing devices** with more advanced and efficient solutions.

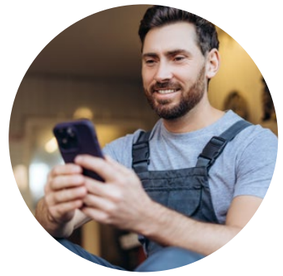
This service enables installations to be adapted to new energy, regulatory, and connectivity requirements, ensuring their evolution toward a more efficient, secure, and future-ready system.



## TECHNICAL SUPPORT AND MAINTENANCE

Airzone Care's technical support service **ensures the system's operational continuity over time, providing specialized assistance** in the event of incidents, faults, or maintenance needs.

Airzone combines **remote diagnostics, personalized support, and, when necessary, on-site intervention by the Airzone Technical Service (ATS)**, ensuring fast resolution and proper system restoration.



### App and web tools

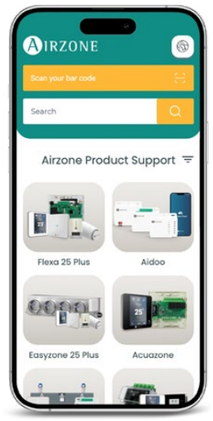
Airzone provides professionals with a range of channels and tools to facilitate management, diagnostics, and incident resolution.

**Airzone Pro App**

- **Quick access to product information** by scanning the barcode (EAN) or entering the serial number.
- **Access to up-to-date technical documentation,** manuals, video tutorials, commercial materials, and FAQs.
- **Self-diagnostic tools** to resolve issues independently.
- **Direct contact with Technical Support** (via WhatsApp).

DISPONIBLE EN Google Play

Consíguelo en el App Store



### Professional customer area

From **My Area** on airzonecontrol.com:

- **Management of technical** incidents.
- Processing of **warranties and returns.**
- **Direct contact** with the Airzone Care team.

Other tools available at **airzonecontrol.com:**

- Access to **technical and commercial documentation.**
- **System compatibility** verification.
- **Information** on smart home integration.
- **Support for Airzone Cloud** inquiries.

## Support channels

### WhatsApp channel

Direct channel for technical inquiries, document sharing, and troubleshooting.

**Professional contact phone:** **+34 686 84 85 16**

### Scheduled phone appointment

Book same-day appointments for technical support. Airzone helps you avoid waiting times.

**callbackrequestna.airzonecontrol.com**

### Contact phone number

Immediate assistance for real-time diagnosis and resolution. **+44 330 822 0991**

**techsupport@airzonecontrol.com**

### On-site technical support

**On-site intervention by the Airzone Technical Service (ATS)** for repairs, component replacement, and system validation.

# Airzone by your side— and your customers'

The new approach to HVAC presented in this catalogue goes beyond technology.

It reflects a **more conscious view of each installation, understood as a living system capable of evolving over time** to maintain the **highest standards of safety, efficiency, and comfort.**


**New! Level 5 Program**

This program has been created to **maximize the performance of Airzone solutions,** ensuring their efficiency throughout their entire lifecycle.

### Recognition for professionals

**We want to recognize installers who complete all the levels** in the program. The more comprehensive the installation, the more points they will earn, which can be **redeemed for products through the Level 5 program.**



## LEVEL 5 PROGRAM

### FIVE QUALITY LEVELS FOR EACH INSTALLATION

**Mandatory**

#### System registration

This level ensures traceability and proper initial configuration. **Registering the installation in Airzone Cloud is the first mandatory step** to enable full system control.

#### Commissioning

This level optimizes the installation and minimizes the risk of future issues. **It ensures the correct installation and commissioning of Airzone devices,** with the support of an Airzone Technical Service (ATS) agent.

**Required**

#### Airzone Cloud connection

**This level enables centralized management of the Airzone system.** It connects the solution to the internet and links the user to Airzone Cloud, providing full control and monitoring of the installation, and enabling adjustments and improvements from anywhere.

#### Enerface

**This level optimizes energy use by adapting to the real needs of the system,** the user, and the environment. Through the installation and connection of Airzone Cloud and the Wi-Fi consumption meter, along with the activation of Enerface services, **it provides advanced energy management—** helping reduce costs and improve overall system efficiency.

#### Diversification

This level takes indoor air quality to the highest standard. By **integrating solutions such as AirQ Sensor, AirQ Box, or control modules for hydronic systems,** it enhances both user comfort and the energy performance of the installation.

### A PARTNERSHIP FOCUSED ON THE END CUSTOMER

We know that behind every installation there is a shared responsibility: doing the job right and **delivering a reliable, efficient, and long-lasting solution to the end user.**

That's why, at Airzone, we go one step further— **supporting not only the professional but also the end user throughout the entire lifecycle of the installation.**

**A shared commitment that ensures:**

- **Proper installation and commissioning** of Airzone devices.
- **Optimal day-to-day** operation.
- **Appropriate maintenance.**
- **Continuous system evolution.**

To make this possible, it is **essential to ensure proper system registration** during installation, in two stages:

- **Installation registration**, for configuring control parameters.
- **User registration,** for personalized system management.

This dual connection **allows both the installer and Airzone to provide tailored support,** updates, and security in an integrated way.

Effective date: September 2026

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**Távvezérlés.hu**