

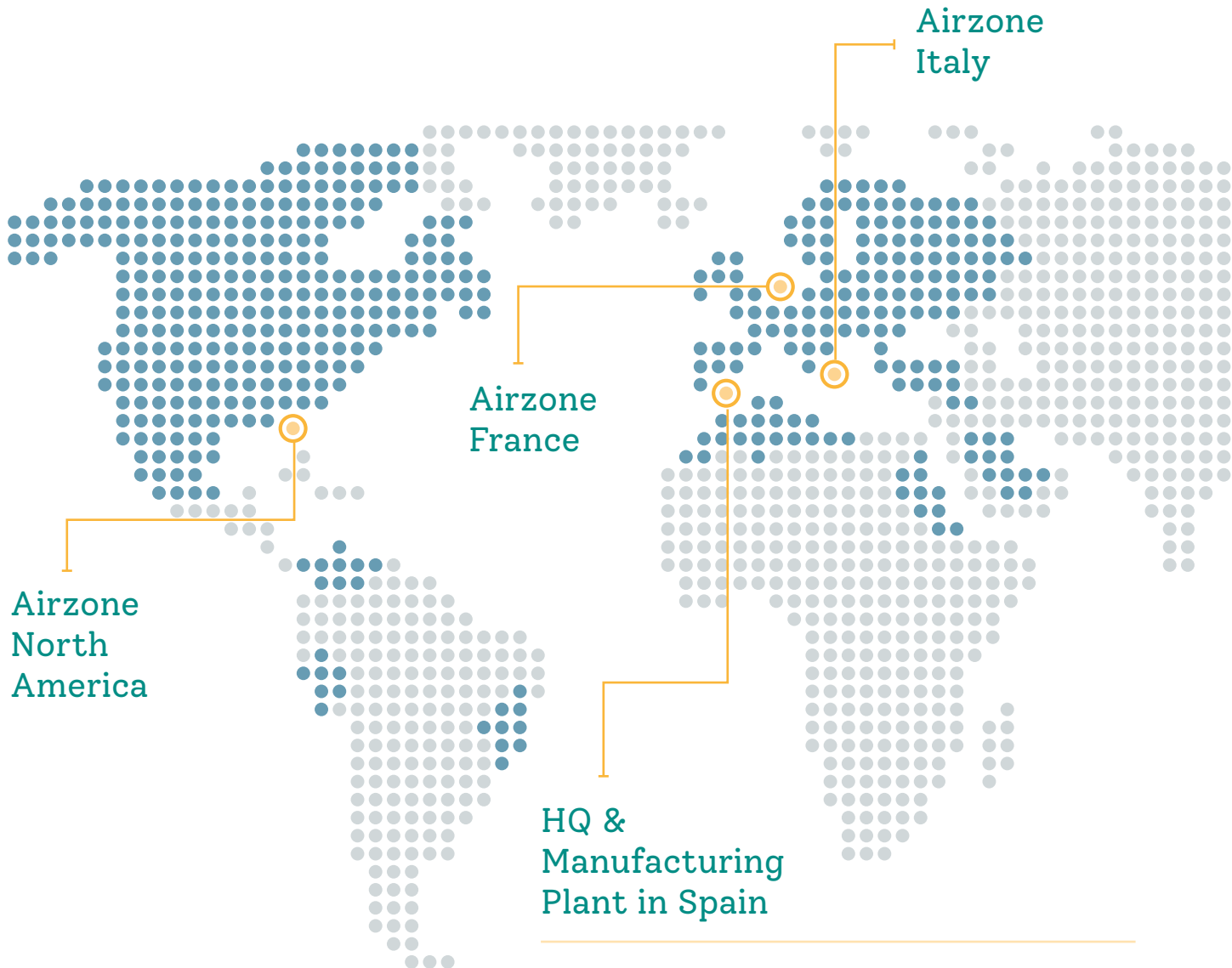
# Professional Catalogue

SMART HVAC CONTROL  
2024

£ PRICES  
IN POUND

# Airzone Global

**Corporación Empresarial Altra**  
Growth, innovation and assistance  
throughout the world.



Our manufacturing centre located in Malaga (Spain), has a production area of more than 5,000 m<sup>2</sup>. Of all our production, 70% is installed internationally.



Browse the catalogue  
with just one click!



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# Airzone, far more than a product

At Airzone, we offer **integrated and efficient heating and cooling control solutions** that put user's well-being first.

We are constantly carrying out **research and development projects to offer the best solution** on the market and position ourselves as a world leader in air quality and control systems.



## An international company

We have a global presence and have our own offices in Spain, France, Italy and the United States.



## Technological innovation

We develop solutions based on the latest technology on the market and offer state-of-the-art connectivity.



## We focus on digitalisation

Our platforms and tools are available 24/7.



## Large range of products

We have a solution for all technologies and all types of HVAC applications.

More than  
**70,000**

Airzone installations  
connected around the world  
SINCE 2016



Top  
**13%** of companies  
with the highest sustainability  
ratings. Top 6% of companies in  
sustainable purchasing practices

More than  
**1,3 million tons**

of CO<sub>2</sub> saved with our  
systems



More than  
**2 million**  
heated/cooled rooms  
SINCE 1997

More than  
**90%** increase  
in comfort\*



\* Data taken from the report on the Airzone zoned model,  
produced by UMA: [airzonecontrol.com/support/downloads](https://airzonecontrol.com/support/downloads)

# We are working for the change

## Integration with HVAC units

Protocols certified by the manufacturer. Improved energy performance and reduced installed power of inverter units.



## Control solutions

Solutions compatible with Inverter, VRF, chilled water and boiler technologies. All control is done from a single interface, for both residential and commercial buildings.

## Creation of zoning systems

The first step towards optimal comfort: control of ducted units in each room.

1997

2008

## Internationalisation of the company

More than 70% of our production operates internationally.



## The arrival of digitalisation

State-of-the-art technology with the Airzone Cloud application, tools and on-line technical support.

# the world needs

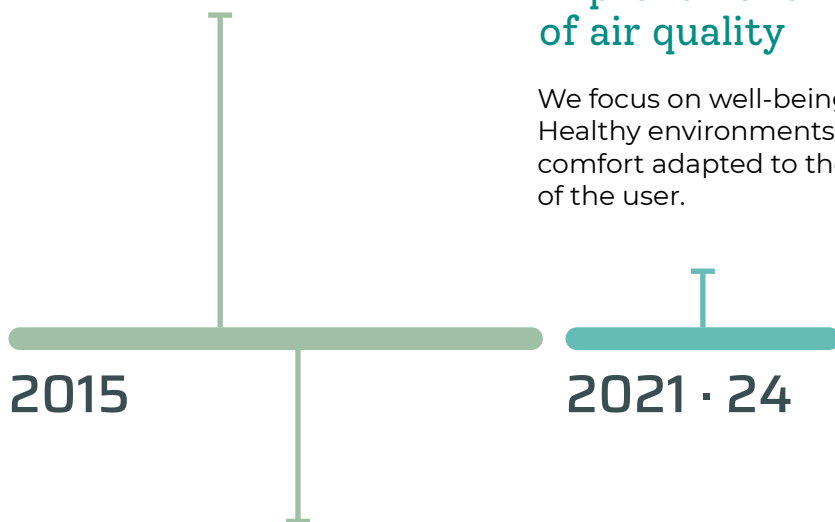
## A guarantee of quality

We adapt to current standards to obtain product certifications such as eu.bac and optimise the sustainability of projects by improving BREEAM, LEED or WELL qualifications.



## Improvement of air quality

We focus on well-being. Healthy environments with comfort adapted to the needs of the user.



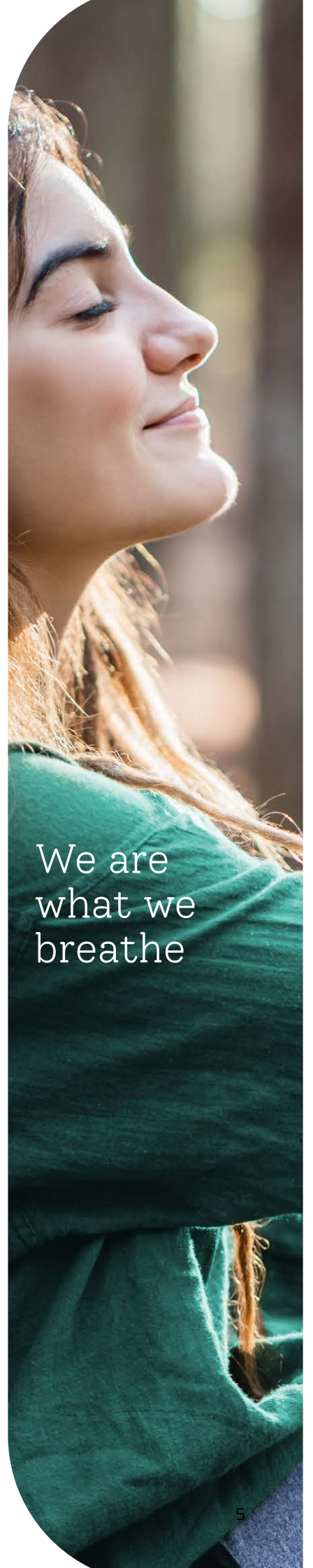
## Integration with BMS and home automation

Airzone combines HVAC technology with the latest IoT trends.



Set the living room temperature to 21 °C

We are what we breathe

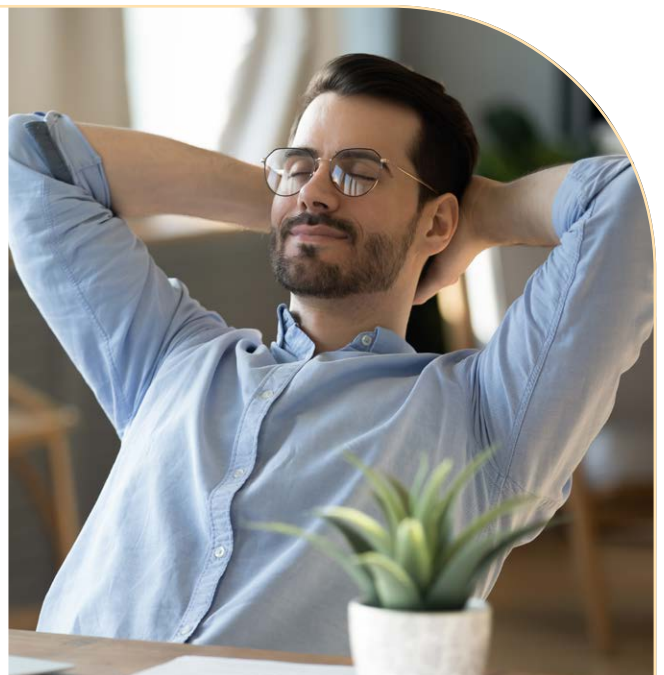


# Switch over to control 360°



## Air quality

The well-being of users is at the core of our vision of control. Monitoring air quality is intended to **ensure healthier air.**



## HVAC Control

Enjoy easier and faster management and configuration. We're **compatible with all the leading brands in the industry.**







## Connected solutions

We offer smart and versatile control, to manage heating and cooling **remotely and at any time.**



## Integrated solutions

Our product line has been created with a view to diversity and our solutions can be integrated with **BMS and home automation systems.**

# Air quality and HVAC

## What is air quality?

Indoor air quality (IAQ) refers to the **purity levels of breathable air** in a building.

Temperature, humidity, CO<sub>2</sub> and **airborne particles** such as dust, mites and VOCs, as well as mixtures such as air fresheners or smoke, all **affect air quality**.

*Poor air quality can lead to allergies, fatigue, dizziness, headaches and eye, nose and throat irritation.*

More than **90%** of our time is spent indoors



## Why treat indoor air?

- We spend **more than 90% of our time indoors**.
- The level of air pollution of indoor air is **2 to 5 times higher than that of outdoor air**.
- We breathe **21,600 times** a day.

## Air quality and HVAC

The main challenge of ionization-based air purification systems is to **efficiently direct the air from the spaces to be treated towards the ionizing devices** and, subsequently, to ensure a homogeneous distribution of the already purified air in the application.





## Air quality on Airzone Cloud

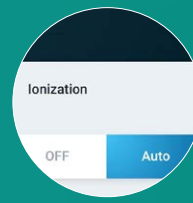
Thanks to the Airzone Cloud app, you can control the indoor air quality of both your residential and commercial spaces anytime, anywhere.



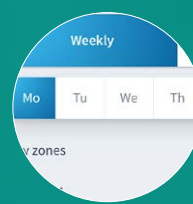
3 levels of air quality.



Visualization of the air quality graph for each of the measurements (CO<sub>2</sub>, PM<sub>2.5</sub> and PM<sub>10</sub>, VOC, temperature and humidity).



Operation modes: **activated, deactivated and automatic.**



**Scheduling** of ventilation and air purification operating times.

# Airzone Technology

## AirQ Box

**AirQ Box is the air purification solution developed by Airzone** for rigid ducted HVAC applications, using the same mechanism as nature: ionization. It is based on the generation of negative ions that attach to the harmful particles present in the air to neutralize them.

The challenge of ionization-based air purification systems is **to direct the air from the occupied rooms to the ionizers and then distribute the purified air**. AirQ Box solves this problem by using the existing flow in the HVAC ducts of residential and tertiary installations.

## Easyzone IAQ

Easyzone IAQ is a solution that provides **air purification, zoned HVAC and connectivity** to installations with circular ducts in residential and tertiary settings.

Ionization-based purification **removes harmful particles from indoor spaces**. Through zoning, heating or air conditioning units work only in areas where there is demand, and connectivity allows users to control and configure units from their mobile device and voice assistants. This translates into **greater well-being, energy savings and comfort in all rooms**.

## AirQ Sensor

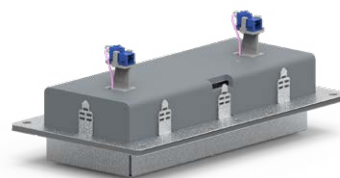
CO<sub>2</sub> concentration is one of the air quality variables that can deteriorate the fastest. A 30 m<sup>2</sup> room occupied by 10 people can reach 800 ppm, the maximum recommended level of CO<sub>2</sub>, in 15 minutes, and thus requires ventilation.

**AirQ Sensor permanently monitors CO<sub>2</sub> levels** to automatically activate the forced ventilation system of the application.

This solution also records the concentration of particles and volatiles and, together with AirQ Box, provides a comprehensive response to air quality problems in residential and commercial installations.



Easyzone CAI



AirQ Box



AirQ Sensor

# enjoyourair

## What is Quality Air Zone?

The **Quality Air Zone sign** is used to indicate an indoor space that features an AirQ air purification solution, developed and manufactured by Airzone.

The air in Quality Air Zone spaces is treated to eliminate the majority of the suspended particles that can cause discomfort, allergies or diseases.



You can find the **Quality Air Zone**<sup>1</sup> sign on the doors of shops, restaurants, clinics and offices with HVAC systems that incorporate this technology.

REDUCTION IN THE NUMBER OF  
SUSPENDED PARTICLES

30-65% (1 hour)    90-98% (24 hours)

REDUCTION OF  
THE FUNGAL FLORA

93% (1 hour)    98% (24 hours)

INHIBITION OF THE  
STAPHYLOCOCCUS AUREUS  
BACTERIA<sup>1</sup>

43% (1 hour)    97% (24 hours)

REDUCTION OF THE MESOPHILIC  
AEROBIC FLORA

59% (1 hour)    88.15% (24 hours)

INHIBITION OF THE  
SARS-COV-2 VIRUS

93% (1 hour)    98% (24 hours)

<sup>2</sup> NCTC 8532 strain.

<sup>1</sup> This sign is supplied with AirQ and Easyzone IAQ products.

Data extracted from studies conducted by the IPROMA, University of Granada and Texcell laboratories.

# Full control heating and cooling systems



## Integration of the main technologies

Our solutions allow centralised control of the **main heating and cooling technologies on the market**, for both multi-zoned and single zone systems.

- Air-to-Air heat pump
- Air-to-Water heat pump
- VRF
- Multisplit and monosplit Inverter
- Domestic hot water
- Boiler

## Protocols certified by the manufacturers

We work with industry leaders to ensure **two-way communication**. By using the same communication protocols, we keep the original functions of the unit intact. **We develop communication gateways as well as control algorithms** which, together, make it possible to obtain a high level of comfort and a decrease in consumption.

## Controlled mechanical ventilation

Airzone control by means of Easyzone motorised plenums makes it possible to **use the same ductwork for thermal treatment and air renewal**, while keeping them independent and autonomous.

## Eco-Adapt: temperature optimisation and limitation

The Eco-Adapt algorithm dynamically adjusts **the set-point temperature** of the unit according to the return temperature. Eco-Adapt ensures optimum comfort for the user, as well as an improvement in the performance of the unit, since it operates as long as possible at partial load. By applying zone control to a space, **a 20 to 30% increase in performance of the unit is obtained, compared to its rated performance.**

## Q-Adapt: control of the speed

Function that enables selecting **the fan speed of the zoned AC units according to the zones on demand.** The solution is thus adapted to the particularities of the application and the needs of each zone in terms of flow. Depending on the system, it is possible to regulate the flow rates:

- By assigning weights to each zone.
- Thanks to 5 preset modes.

## Combined control of the air and radiant elements

**The control of air stages and radiant elements in cooling and heating mode is combined on a single thermostat.** Thanks to the efficiency algorithms, optimum levels of comfort and maximum performance of the application are obtained.

First, we apply state-of-the-art technology to control the thermal inertia of the floor and offer a more pleasant feeling of warmth.

In addition, the air stages provide an immediate sensation of warmth, which allows you to obtain the desired comfort and stabilise unforeseen variations in temperature.

This combination of systems avoids overheating the zones and reduces energy consumption.

## MANUFACTURERS







# Airzone Blueface

Enjoy control using a touch  
screen

  | Wired | Configurable as primary

 On/Off

 Temperature control

 Indoor air quality<sup>1</sup>

 Humidity reading

 Selection of the mode<sup>2</sup>

 Basic configuration

 Navigation by zone

 Eco-Adapt function<sup>2</sup>

<sup>1</sup> Available only with products that include AirQ technology.

<sup>2</sup> Available if the thermostat is configured as Master.



■ | Wireless

| Configurable as primary

⏻ On/Off

🌡️ Temperature control

🌊 Indoor air quality<sup>1</sup>

💧 Humidity reading

☀️ Selection of the mode<sup>2</sup>

⚙️ Basic configuration

🗺️ Navigation by zone



# Airzone Think

Control with  
capacitive keys


<sup>1</sup> Available only with products that include AirQ technology.

<sup>2</sup> Available if the thermostat is configured as Master.







# Airzone Lite

Simplify control and increase  
or lower the temperature by 3  
degrees

  | Wired and wireless

| Data configurable via the  
Blueface thermostat and/  
or the Airzone Cloud app.

---

-  On/Off
-  Temperature control
-  Humidity reading
-  LED lights



Play Store



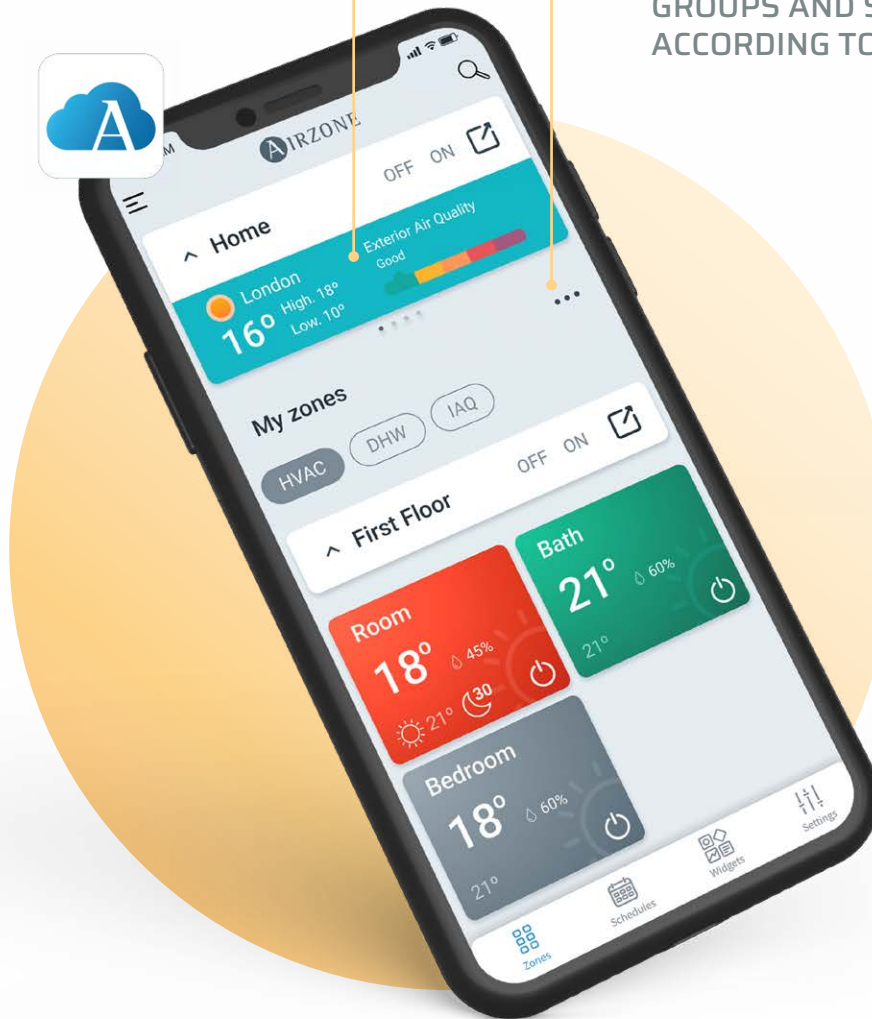
App Store



Demo

**UNIFIED CONTROL**  
OF AIR CONDITIONING,  
HEATING, DHW  
AND AIR QUALITY

**CUSTOMIZABLE**  
ORGANIZE YOUR ZONES INTO  
GROUPS AND SORT THEM  
ACCORDING TO YOUR NEEDS



# Airzone Cloud

Control your entire system using the new Airzone Cloud application



Zoned control of air conditioning and heating



Indoor air quality control<sup>1</sup>



Information on the price of electricity (PVPC)



Group control



Time schedules



System information and advanced configuration through Airtools



DHW control



Scenes



Limitation of set-point temperatures.



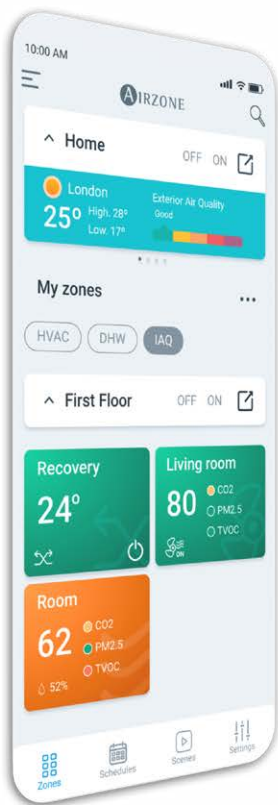
Weather forecast

<sup>1</sup> Available only with products that include AirQ technology.

# New features Airzone Cloud

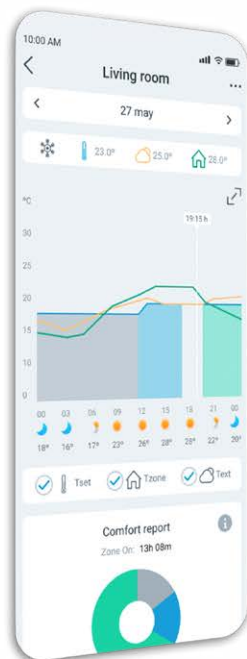
The most complete control, wherever you are

The Airzone Cloud app has been revamped to offer you **the best control experience** through a simple and intuitive interface<sup>1</sup> and **the latest Cloud technology**.



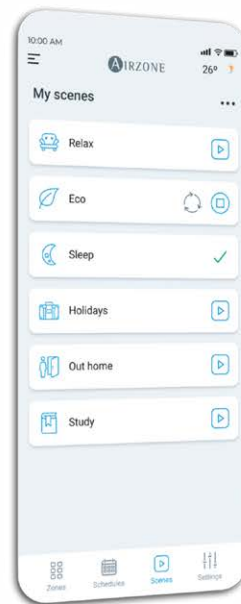
## IAQ

Add an AirQ Sensor to the system to view the indoor air quality.



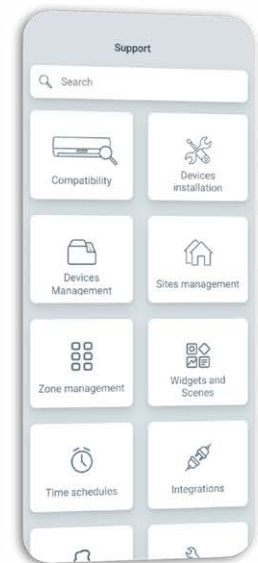
## Graphs

View the evolution of the temperature and indoor air quality of each zone.



## Scenes

Use HVAC scenes to adapt the operation of the HVAC application to your lifestyle and needs.



## Support

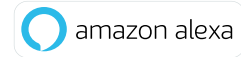
Find all the information about the installation and management of an Airzone system in the same app.

<sup>1</sup> An Airzone Cloud Webserver or Aidoo must be installed to use the app.

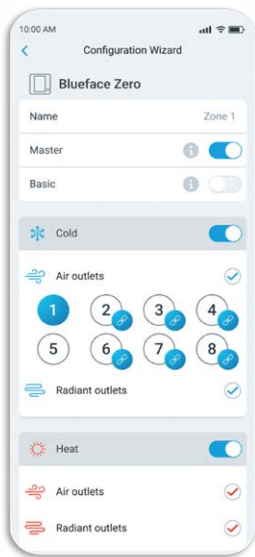
Set the living room  
at 26 °C



# Voice control

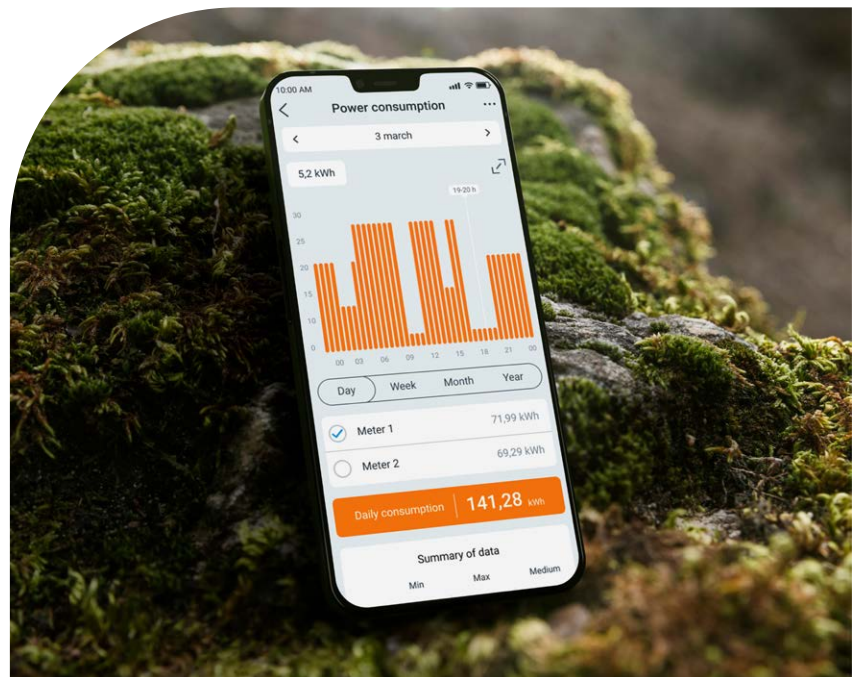


Only available for 2016 range systems.



## Settings

Set up an Airzone system easily thanks to the new configuration wizard.



## Energy management

Add a consumption meter to the Airzone system and view the HVAC electricity consumption.

- Display of the consumption graph and data summary when adding a meter to the system.
- Configuration of electricity tariffs (fixed or by sections).
- Cost estimation and consumption distribution.

# Integration of heat pumps

Take advantage of the benefits we offer in terms of **integrating building management systems (BMS<sup>1</sup>) and home automation**. Let Airzone take care of the control of the heating and cooling systems



## Quick and easy integration

Easily integrate any HVAC technology in a very short time.



## Integration devices

We have specific devices for KNX, BACnet and Lutron systems.



## Simple configuration and programming

Your systems are integrated thanks to our drivers developed with the protocols of main home automation brands.



## Cloud API and REST API

Make the most of integration with any platform.

## INTEGRATED HVAC CONTROL FROM ALL INTERFACES

- Control of independent zones:
  - Set-point temperatures.
  - Zone status.
  - Reading of room temperature and humidity on the zone.
  - Management of the air stage and stage by radiant elements.
- Operating mode of the system.
- Adjustment of the fan speed of the indoor unit.
- Control of domestic hot water (DHW).
- Easy detection of HVAC unit and home automation errors with our stand-alone system.

<sup>1</sup> BMS: building management systems.



## BMS AND HOME AUTOMATION



## BMS AND HOME AUTOMATION



## IOT



# Towards sustainable construction



## eu.bac



The eu.bac European certification guarantees the energy efficiency of building control systems, in compliance with the EN15232 standard.



Both for the air vector and for underfloor heating, the value of the regulation of our systems is eu.bac certified with a CA (Control Accuracy) ranging from 0.2 K to 0.5 K. This allows our systems to reduce the application's energy consumption and greenhouse gas emissions, thereby improving the building's energy label.

## LEED



System for environmental performance in the construction or renovation of buildings. It seeks to achieve a **reasonable and effective use of energy in terms of materials and water.**

The system evaluates buildings according to 8 criteria and Airzone can earn extra points in:

-  Energy and Atmosphere
-  Indoor Environmental Quality



## WELL



Certification guaranteeing that **the space has obtained a certification favourable to the health and comfort of its occupants**. It encompasses 7 fields of application. Airzone has an impact on the following:



Air



Thermal Comfort

## BREEAM



System intended to evaluate and certify **the environmental performance of a building**. This method promotes the most sustainable constructions. The system evaluates 10 categories. Airzone optimises the operation of heating and cooling systems and helps improve ratings in the following categories:



Management



Health and comfort



Energy

## DGNB

Airzone's air quality and control systems can contribute to improving the percentages obtained in the categories related to:



User Control



Thermal comfort



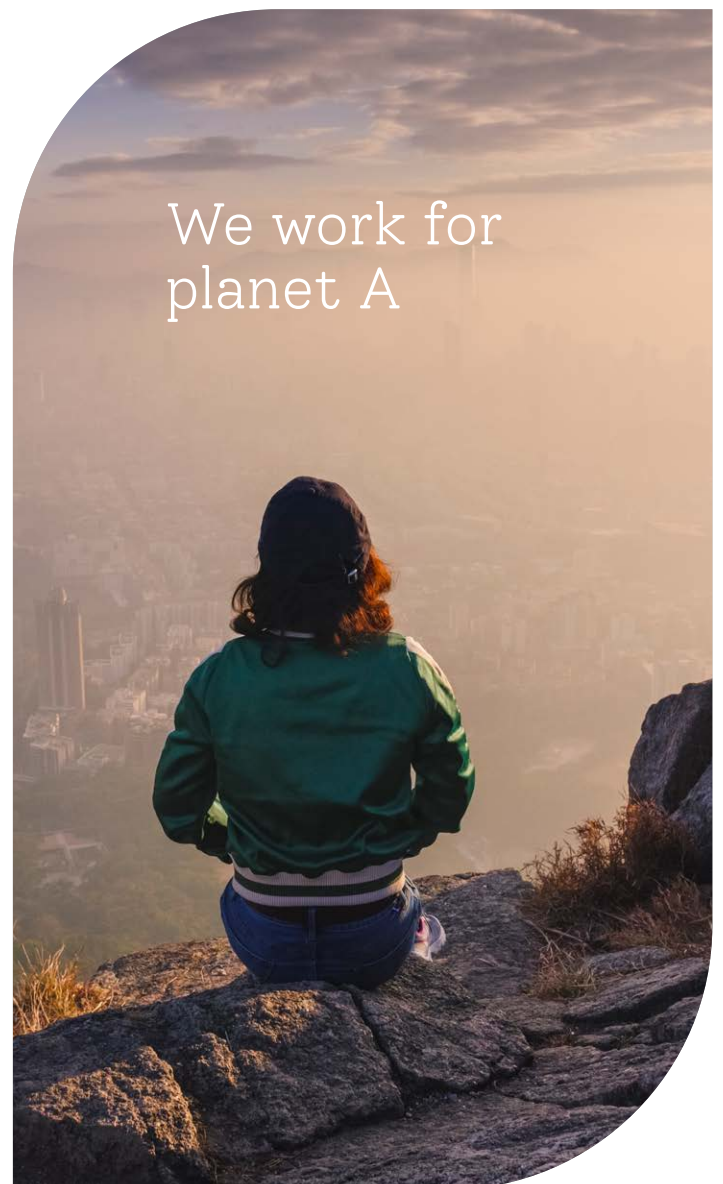
Energy Efficiency



Indoor Air Quality



Use and Integration of Building Technology



The information provided in the BREEAM section refers to the categories contained in the international manual for all of Europe with the exception of Germany, Austria, Spain, Norway, the Netherlands, Sweden and Switzerland. The individual outline of the BREEAM manual for each of these countries can be found at the following link: [bregroup.com/products/breem/breem-engage/breem-partnerships/](http://bregroup.com/products/breem/breem-engage/breem-partnerships/)

# Grants and aids

We help you **take care of our planet**



The major world powers have established **sustainability goals in their strategic plans**. One specific example is the initiative of the European Union, which aims to improve energy efficiency by at least 32.5%. We help you to obtain grants, because **our solutions improve the energy performance, thermal comfort and environmental performance** of buildings.

In Europe, many grants have been put in place to encourage renovation work and the construction of sustainable buildings, both for professionals and for individuals. Through NextGenerationEU and Renovation Wave programs.

## How do I obtain grants and aids?



CONTACT OUR TEAM:  
[projects@airzonecontrol.com](mailto:projects@airzonecontrol.com)

## Validated levels of comfort and efficiency

We are aware of the importance of the energy efficiency of our solutions and optimisation of thermal comfort. To this end, we carry out **comprehensive tests in our specialised laboratories**.

We also rely on **independent studies, which guarantee the impartiality of the results** obtained by our solutions.



COMPREHENSIVE STUDIES:  
[airzonecontrol.com/support](https://airzonecontrol.com/support)

Up to

**37%**

reduction in  
installed power

## Reduction of installed power in air-to-water heat pump systems

Explanation of how Airzone allows the use of a less powerful heating and cooling unit, while combating the simultaneous thermal load.

- In cooling, the reduction of the simultaneous load varies from **19 to 47.6%**.
- In colder cities it is reduced to less than **7.7%**, and in more temperate climates it is around **13%**.

**30%**

Reduction

in greenhouse gas  
emissions

## Airzone solutions in residential and commercial projects

A ducted indoor unit, controlled by the eu.bac certified Airzone system and under Technical Assessment improves various aspects in heating and cooling projects:

### Residential buildings:

- Improvement of the **energy label** of the building.
- Decrease in **overall primary energy coefficient by 50%**.

### Commercial buildings:

- **75% fewer indoor units.**
- **44% reduction** in the amount of refrigerant gas present in compliance with standard **EN 378**.



COMPREHENSIVE STUDIES:  
[airzonecontrol.com/support](https://airzonecontrol.com/support)

## Comparison between the Airzone model and a system without zone control

Description of the advantages of a zoned system in terms of thermal comfort, electrical consumption and installed power.

- A zoned system leads to a **reduction in thermal load**, which makes it possible to opt for a unit with a lower thermal power.
- The percentage of **hours of thermal comfort in the zones is much higher** in a zoned system.
- The Eco-Adapt algorithm achieves, on average, **energy savings of 30%**, reaching maximums of **64% in heating and 37% in cooling** in specific cases.



COMPREHENSIVE STUDIES:  
[airzonecontrol.com/support](https://airzonecontrol.com/support)

# Continuing professional development with Airzone Academy

Train with industry leaders on our on-line platform for professionals and keep up to date with the latest advancements.



## Choose the topic

Consult the list of courses and register for free for the one that interests you the most. You can take as many courses as you want.

## Flexible schedules

We have planned different training modalities to adapt to your schedules: webinars, on-line or face-to-face courses.




## For all profiles

All courses are carried out in a structured way with specific programmes, in order to adapt to all the technical profiles of the participants.



# Become an expert

 Get your Airzone Pro badge

Complete a **free training programme** made up of several courses and become an Airzone expert.

The first step towards a closer collaboration with Airzone!



With the **Airzone Pro Installer** programme, you will discover how our control systems work.



With the **Airzone Pro Specifier** programme, you will discover the different solutions, by type of technology and application.

## Still don't have an Airzone Academy account?



Go to [airzonecontrol.com](https://airzonecontrol.com), click LOG IN, then click **Sign up!**



**Activate the account from your email.**



Visit the **Academy** and start training.

# We are part of your projects

Drawing on more than 25 years of specialisation in the sector and collaboration with heating and cooling professionals, we are at your disposal with **a team of engineers who will help you develop your projects.**



## Comprehensive advice

We provide you with all the resources you will need throughout your project.

### CONTACT OUR TEAM:

[projects@airzonecontrol.com](mailto:projects@airzonecontrol.com)

### DOWNLOADS:

[airzonecontrol.com/projects/resources](https://airzonecontrol.com/projects/resources)



Visit [airzonecontrol.com](https://airzonecontrol.com) and discover **our services and tools** for professionals.

## Presales Service

We will help you conduct a **detailed analysis of the HVAC needs** of your project, we will **explore the technological options available** and we will work with you to make the technical calculations, considering all the technical, budget and regulatory requirements.

**DUCTZONE**  
Download our **free software for the design and calculation of heating and cooling installations**, compatible with all types of constructions.

## Airzone software

## Certificates

Our solutions are approved by the current **main certifications** in terms of heating and cooling and energy efficiency.

## Tools and resources

## Studies

To demonstrate the effectiveness of our solutions, we have conducted various case studies **in collaboration with several universities**, which serve as a reference for each type of project.

### CAD

**CAD blocks** of Airzone products and connection diagrams, depending on the solution.

### AIRZONE SOLUTIONS GUIDE

We have created a detailed explanation of the **benefits of using Airzone solutions**.

### BIM

Catalogue of product families in Revit format, with BIM&CO and BIMobject.

# Technical Support

Our **team of Airzone product experts** are dedicated solely to providing you with comprehensive technical help and support, in the fastest way possible.

## Need technical support?

+44 330 822 0991 / +34 900 400 445

[techsupport@airzonecontrol.com](mailto:techsupport@airzonecontrol.com)  
[airzonecontrol.com/support](https://airzonecontrol.com/support)

**Monday to Thursday:**

From 8:00 to 14:00 and 15:00 to 17:30 (CET)

**Friday:** From 8:00 to 17:00 (CET)



### We support you every step of the way

We adapt to your needs by offering you **customised solutions**:

- Commissioning assistance.
- Customised assistance for your project.
- Management of warranties and returns.



### Assistance with remote access

By adding an Airzone Cloud Webserver, our experts can **monitor your systems' settings in real time** and modify them, if necessary.



# Find Us Online

In our updated website, you will find a **platform for professionals**, helping them with all their major needs throughout the project life cycle.

## CONTROL SOLUTIONS

All useful information about our products.

## PROJECTS

Wiring diagrams, Ductzone software, certificates and design advice.

## SUPPORT

Comprehensive support with technical information on products, brochure, catalogue and data sheet downloads, and FAQs section.

## ACADEMY

Platform offering all the necessary training for professionals.

## BUYING AIRZONE

Creation of quotes and orders.

## Your Profile

By registering in the Web platform, from your personal profile you can also manage:

- Delivery addresses.
- Quotations and related orders.
- Returns and warranties.
- Requests for assistance via Tickets.
- Authorization for different functions of your Team.

 **MORE INFORMATION:**  
[airzonecontrol.com](https://airzonecontrol.com)

## Follow the status of your order with one click!

Just provide your internal order reference or the number provided by Airzone in the **Tracking** section.



# Logistics Services

**Airzone's logistics area** is dedicated to offering an optimal transport service, seeking a balance between time, service and quality, for national and international shipments.

## Incoterms

### EXW – Exworks

**The customer must arrange transport** to pick up the goods at our premises. We can store the order for 20 calendar days at our factory.

### DAP – Delivery at place

**Airzone is responsible for shipping and tracking** the goods until they reach their destination. The customer must arrange the import clearance in the destination country and is also responsible for paying duties and taxes.

## Types of services

### Land transport by road. Economy service

**Groupage service by road.** The material may arrive on different days and/or times if the shipment contains more than three pallets.

### Air transport. Express service

Used **for the urgent shipment of non-palletized orders.**



### DDP – Delivery duty paid

**Airzone manages and is responsible for the transit** of the goods to their destination, as well as the clearance procedures and derived expenses.

### Economy and express air cargo transport

This is used for the **urgent shipment of palletized orders.** Shipment is made with the Economy service or, for an additional amount, with the Express service.

### Direct truck transport by road

**For orders of more than 9 pallets,** the shipment is made by direct truck, in a single delivery, with a security seal and prior appointment for unloading.

## Truck transport on a per meter basis

**Orders of more than 6 and less than 9 pallets** are shipped by truck on a per meter basis and in a single delivery, with notice of the approximate day of arrival, without an appointment for delivery.

## International transits by sea transport

Service for the international transit **of orders with a high number of pallets**. Boarding will be arranged with the shipping company, taking into account that the transit time is longer.



### Commercial documents

**Goods must always be accompanied by the relevant commercial documents** for their correct transit and customs management. These documents include the delivery note or invoice depending on the destination country and the packing list with indications of the packaging of the goods with their corresponding HS Code.

### Order traceability

**EXW orders will receive an email with instructions for picking up the goods.**

When shipping is arranged by Airzone, customers will receive a tracking link from the transport company.

### Damage and returns

**Airzone offers its assistance to claim for possible damage during transport.** For this purpose, it is necessary to check the goods upon delivery. If it is not possible to check the goods at the time of delivery, a note should be left with the carrier indicating "Goods to be checked".

In case of damage to the packaging or material, the carrier and Airzone must be notified immediately. Claims must be made to the transport agency within 10 working days.

### Sustainability

**Airzone is striving to eliminate plastic in the packaging of our goods** and implement the use of cardboard pallets. The purpose of these measures is to reduce the environmental impact of our deliveries.

# What is Airzone Aidoo?

## Connectivity and integration for AC units

Aidoo is a range of controllers for AC units of different technologies that offer reliable remote control and simple integration into Smart Home systems or building management systems (BMS).

The Aidoo range offers specific devices for the main standard communication protocols, such as KNX, Z-Wave or Zigbee.

For systems that do not use these protocols, Airzone has developed Aidoo Pro, a versatile line of integration devices.



## Pro integration in Aidoo

Aidoo Pro devices respond to a wide range of HVAC integration needs in homes and smart buildings.

### Characteristics of Aidoo Pro

- **Wi-Fi communications.**
- Control from the **Airzone Cloud app.**
- Various **Smart Home and BMS integration pathways:**



- **Drivers:**

Control4 | CRESTRON | ELAN | Home Assistant

EEDOM | Nice | RTI | SAVANT | U&G

DELTA DORE | LUTRON | Schneider Electric | SMART CONNECTIVE &

- **HVAC technologies** for which Pro integration is available:
  - Inverter/VRF.
  - Air to water.
  - Fan coil.
  - Ventilation.
- **Integration with third-party elements:**
  - Digital inputs for sensors.
  - Relay output for actuators.

## Control and integration of Inverter/VRF units



Ducted AC units



Wall-mounted split units



Cassette

### Aidoo Pro Inverter/VRF

Aidoo Pro is a **powerful control solution thanks to the use of the manufacturers' original protocols** and its great integration capacity.

- Communication via **Wi-Fi Dual (2.4/5 GHz)**.
- **Open window detection, occupancy detection and Eco mode.**
- Detection of **communication errors.**
- Compatible with **Blueface thermostat, AirQ Sensor and AirQ Box.**
- Control via **IFTTT, Amazon Alexa, Google Home, Samsung Smart Things.**
- Standard protocols: **BACnet MS/TP and BACnet IP, Modbus RTU and Modbus TCP.**
- **Dry contact with smart thermostat:**

ecobee Nest Honeywell

Pelican telkonet VENSTAR



## Aidoo Wi-Fi Inverter/VRF

**Aidoo Wi-Fi enables control of Inverter/VRF units from the Airzone Cloud app** thanks to comprehensive two-way communication with the indoor unit. It can be installed and configured in minutes, providing advanced functions to new applications and renovations.

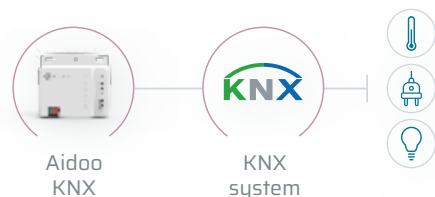
- **Bluetooth** configuration.
- **Wi-Fi 2.4 GHz** communication.
- Port for integration via the **Modbus RTU protocol**.
- Control via **Amazon Alexa, Google Home and Samsung Smart Things**.



## Aidoo KNX Inverter/VRF

Gateway for **two-way control and integration of Inverter/VRF units in KNX TP-1 control systems**, with easy configuration from ETS.

- Control of any **unit connected in a KNX system**.
- Control of **unit parameters**.
- **KNX control and standard KNX data**.
- 3 configurable **digital inputs**.
- Detection of communication errors.
- Power supply from **KNX bus cable**.



## Aidoo Z-Wave Inverter/VRF

Gateway for two-way control and integration of Inverter/VRF units in Z-Wave systems.

- **Z-Wave network** communication.
- **Detection of errors** during communication.
- Control of **unit parameters**.
- **External power supply** via the indoor unit/ with an external power source.
- Port for integration via the **Modbus RTU protocol**.



## Aidoo Zigbee Inverter/VRF

Gateway for **home automation integration of Inverter/VRF units in Zigbee systems**.

Aidoo Zigbee is certified by the Connectivity Standards Alliance, allowing interoperability on any Zigbee network according to Alliance standards. As a permanently powered node, it acts as a repeater and improves network reliability.

- Compatible with all **Zigbee 3.0 certified controllers**.
- **Two-way communication** with the AC unit.
- **Detection of errors** during communication.
- **External power supply** via the indoor unit/ with an external power source.
- **Control of unit parameters**.
- Port for integration via the **Modbus RTU protocol**.





## Control and integration of fan coil units



Ducted AC units



Wall-mounted split units



Cassette



Floor unit

### Aidoo Pro Fan coil

Allows **fan control for both 0-10V and 3-speed units** and valve control for both on-off and proportional valves.

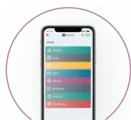
- Communication via **Wi-Fi Dual (2.4/5 GHz)**.
- **On-demand control** of all/nothing or 0-10 V solenoid valves.
- **Three-speed** or 0-10 V fan control.
- Open window detection, occupancy detection and Eco mode.
- **Measurement of room temperature** and cooling and heating battery temperature.
- **Automatic mode change** by supply temperature detection.
- **Control with Blueface thermostat or room temperature probe.**



Aidoo Pro Fan coil



DHW control



Airzone Cloud



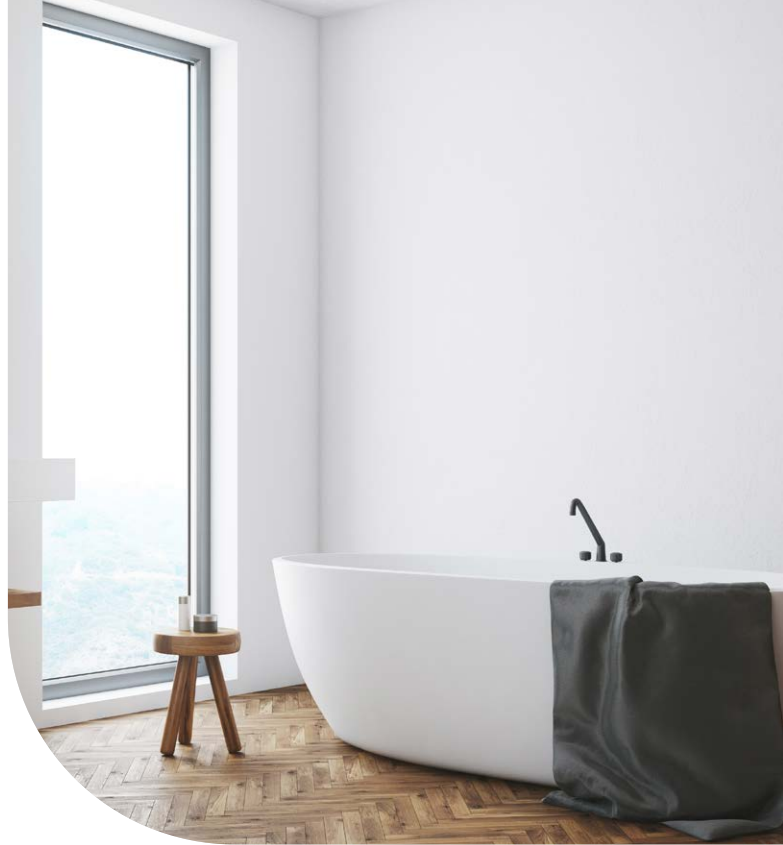
## Control and integration of air to water units



DHW control



Air to Water



### Aidoo Pro Air To Water

Aidoo Pro Air To Water is a **device for the remote management of air to water units via the Airzone Cloud app**. Thanks to its wide range of integration options, **it allows the management of these units from home automation systems and building management systems (BMS)**.

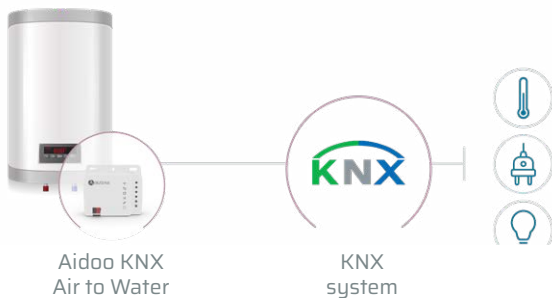
- Communication via **Wi-Fi Dual (2.4/5 GHz)**.
- **Two-way communication** with the unit.
- **Control of the different AC unit parameters**.
- **Detection of errors** during communication.
- **Multi-user and multi-session**.
- **Time scheduling** of temperature and operation mode.



### Aidoo KNX Air To Water

Aidoo KNX Air to Water is an integration gateway that **enables two-way communication with air to water units** through protocols developed in collaboration with unit manufacturers.

- Control of **HVAC parameters**.
- Control of **DHW parameters**.
- **Select the temperature** for the **domestic hot water tank**.
- **High power function** for faster production.
- Fully **interoperable with KNX**.
- Measures the system's **energy consumption** (if permitted by the unit).



## Control and integration of ventilation units + New!

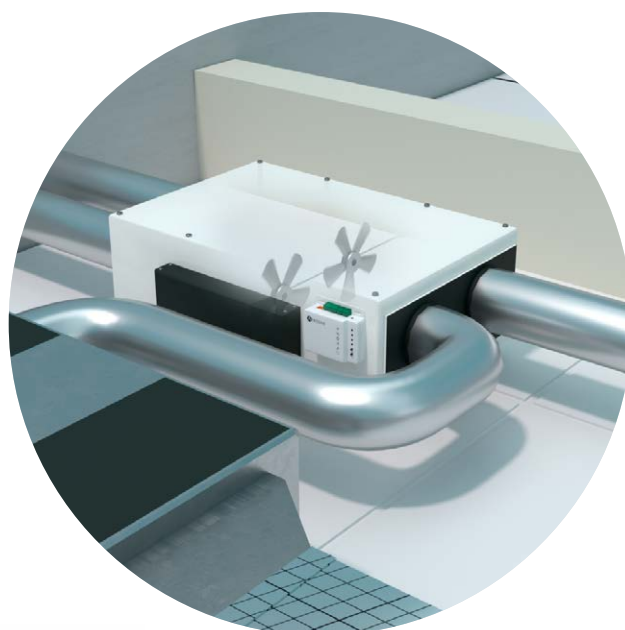


Ventilation units

### Aidoo Pro Ventilation

Aidoo Pro Ventilation **allows you to monitor and activate a ventilation system in order to improve indoor air quality.** The device manages the system parameters remotely, improving energy efficiency and user well-being.

- Reading of **air quality sensors.**
- Reading of the **extraction and supply temperature.**
- **Humidity reading.**
- Control of **operation mode and speed.**
- **Bypass operation.**
- **Filter status.**



<sup>1</sup>Opcional.



## Aidoo apps

Different types of Aidoo devices can work in conjunction to extend the functionalities of systems that combine different types of units.



### Aidoo Pro Air To Water with Aidoo Pro Fan coil

Aidoo Pro Air To Water combined with Aidoo Pro Fan coil makes it possible to manage **systems with an air to water unit as a production element and a fan coil unit as an emission element, all from the Airzone Cloud app.**

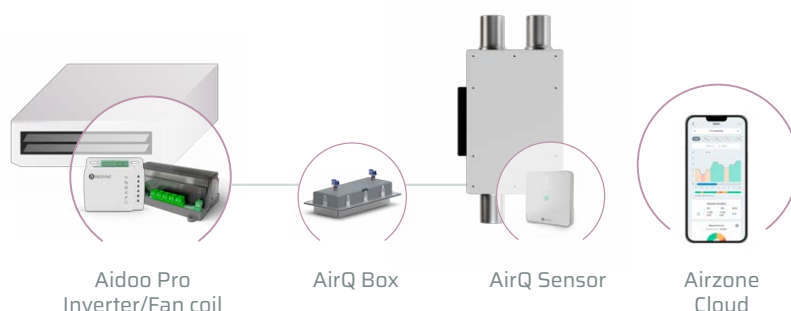
This combination of two Aidoo devices, which are easy to install and configure, **allows complete control through a simple architecture.**



### Aidoo Pro Inverter/Fan coil with AirQ Sensor and AirQ Box

Aidoo Pro Inverter combined with AirQ Box offers an **integrated solution to manage HVAC and air purification in systems with inverter units**, all accessible from the Airzone Cloud app. This combination is joined by AirQ Sensor, **linked to a ventilation unit, to monitor and manage air quality.**

This combination of devices, designed for easy installation and configuration, **facilitates control and improves indoor air quality**, ensuring a healthy and comfortable environment. Presentation of the context in which it is applied



## Comparison of Aidoo solutions

	Aido Wi-Fi	Aidoo Pro	Aidoo KNX	Aidoo Z-Wave	Aidoo Zigbee
AC unit	Inverter/VRF	Inverter/VRF, Fan coil, Air to Water and Ventilation	Inverter/VRF, Air to Water	Inverter/VRF	Inverter/VRF
Connectivity	Wi-Fi 2.4 GHz	Wi-Fi Dual 2.4-5 GHz	KNX	Z-Wave Plus	Zigbee
App Airzone Cloud	Yes	Yes	-	-	-
Voice control	Yes	Yes	-	-	-
Modbus	Modbus RTU	Modbus RTU and TCP	-	Modbus RTU	Modbus RTU
BACnet	-	BACnet MS/TP and BACnet IP	-	-	-
GYW input for smart thermostats	-	Available for Inverter/VRF	-	-	-
REST API and integration of drivers	-	Yes	-	-	-
Cloud API	Yes	Yes	-	-	-
Manufacturer Airzone	-	Available for Inverter/VRF and Fan coil	-	-	-
AirQ air quality	-	Yes	-	-	-
Digital input	-	Presence and window sensors	3 configurable inputs	-	-
Auxiliary heat output	-	Available for Inverter/VRF and Fan coil	-	-	-

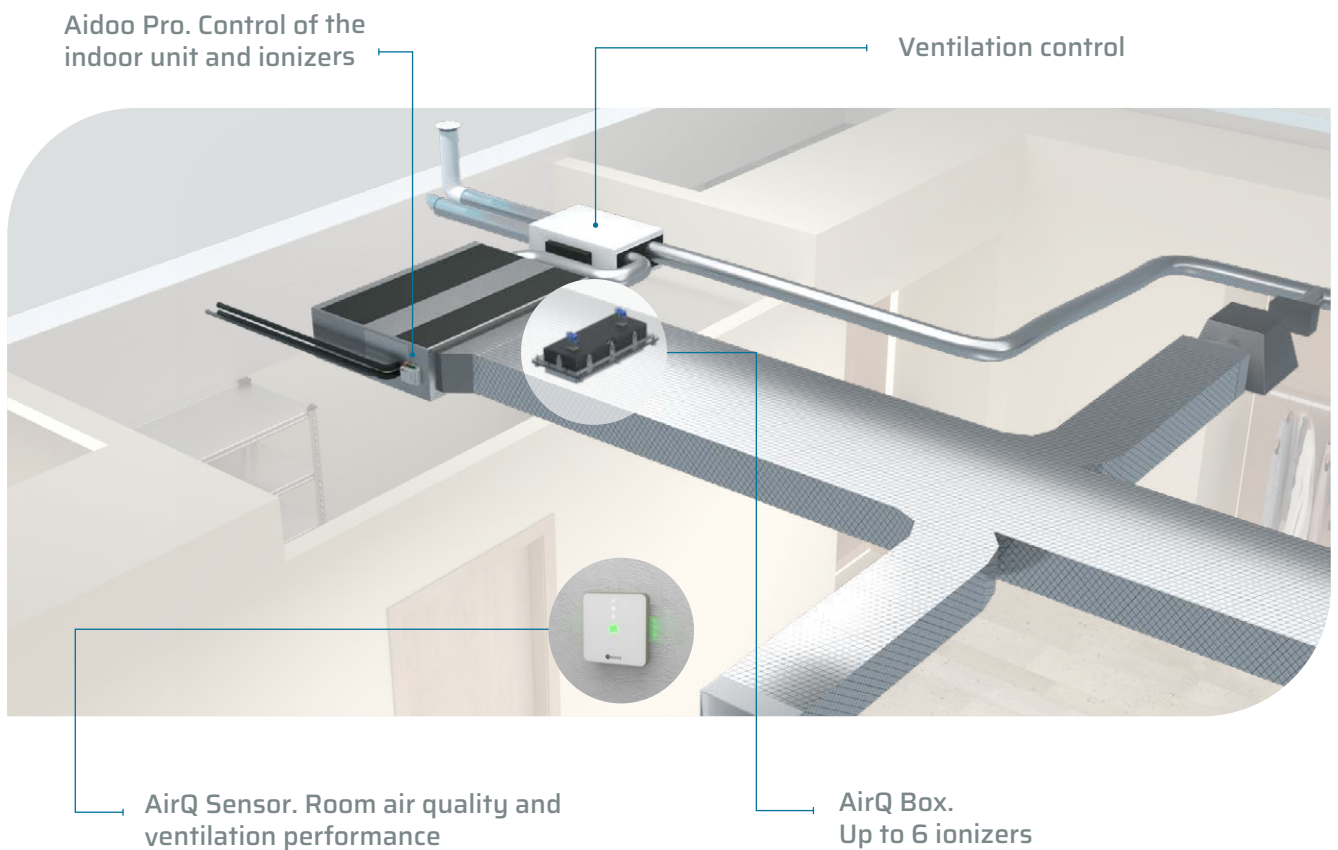




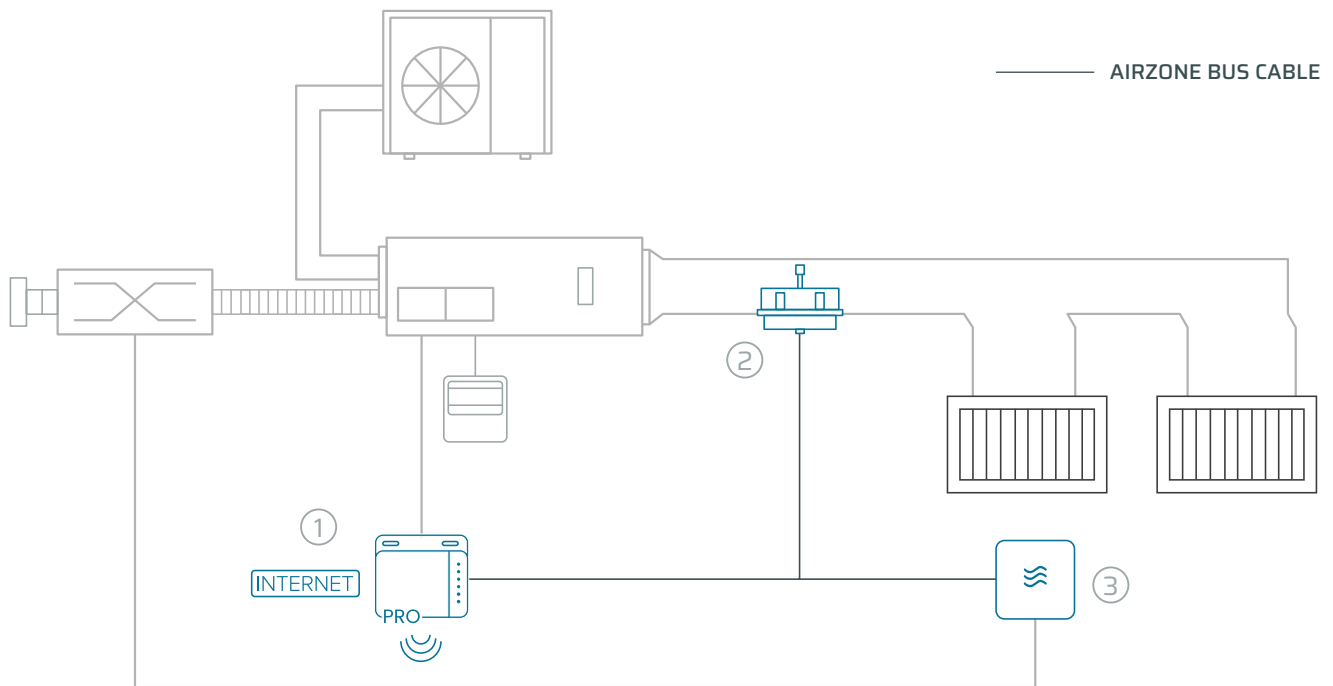
# Indoor air quality

## Indoor air quality solutions.






**AirQ solutions** improve indoor air quality through ionization-based air purification and mechanical ventilation control regulated by air quality sensors. With AirQ, it is possible to **combine HVAC with purification through ionizers** distributed in the ductwork, and with automatically controlled ventilation.



- Measurement of **CO<sub>2</sub> levels, PM<sub>2.5</sub> and PM<sub>10</sub> particles, volatile organic compounds**, temperature and humidity.
- **Air quality status** indicator.
- **Reduction in pollutants** through ionization (particles) and ventilation unit control (CO<sub>2</sub>, VOC).
- **Operation modes:** automatic, activated and deactivated.
- **Graph-based reports** on the improvement and evolution of air quality levels in the Airzone Cloud app.



Reference	Description	Units
1 AZAI6WSP [XXX]	Aidoo Pro [Brand] by Airzone	1
2 AZX6AIQBOXM	AirQ Box in-duct IAQ monitoring and control device	1
3 AZX6AIQSNSB	AirQ indoor air quality (IAQ) sensor	1

-   
IAQ  
measurement  
and control
-   
Time  
schedules
-   
Remote  
management<sup>1</sup>
-   
Weather  
forecast<sup>1</sup>
-   
Residential  
and tertiary

### Health, well-being and comfort

With the AirQ Sensor, **we control ventilation, and thanks to the AirQ Box, we ensure indoor air quality**, reducing allergens, pollutants and odors, while maintaining low CO<sub>2</sub> levels. This combination not only improves health, but also enhances cognitive abilities, prevents diseases and promotes better quality sleep.

### Efficiency and savings

The smart management of mechanical ventilation performed by AirQ Sensor on demand **reduces the ventilation load by up to 21%**, extending the service life of filters and fans.<sup>2</sup>

**AirQ Box reduces the number of suspended particles**, so the AirQ Sensor will reduce your need to take action on the recovery.

### A single app

Our unique solution **combines HVAC and air quality in a single app**, making it possible to control purification and ventilation in any of the three operation modes, program time schedules or combine actions in scenes. It also offers graphs showing air quality evolution.

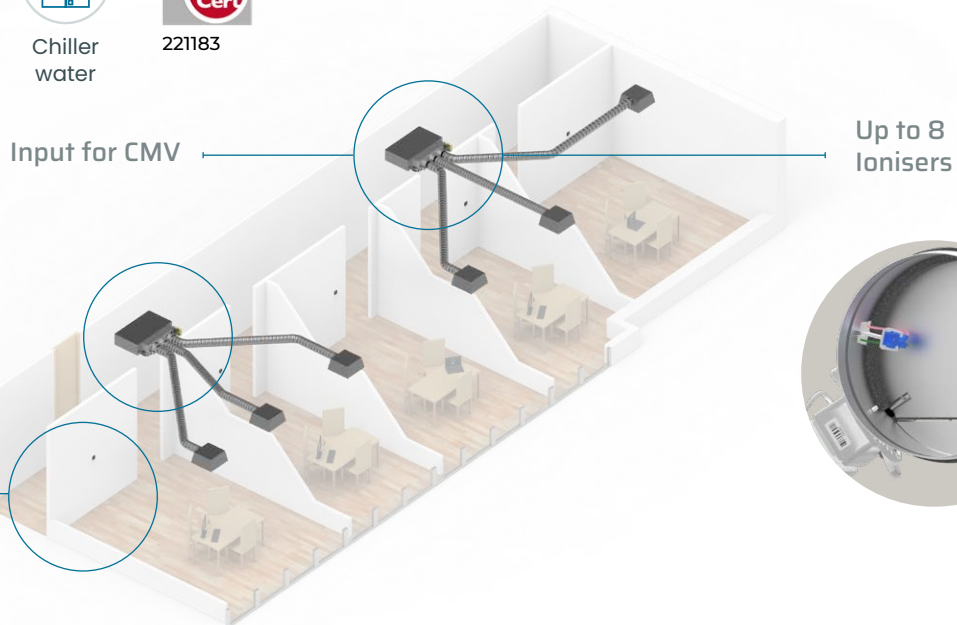
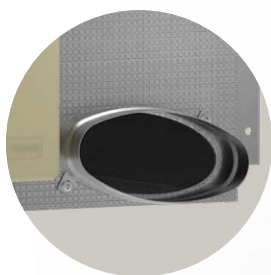
<sup>1</sup> Applicable if the system has an Airzone Cloud Webserver.

<sup>2</sup> Lu, X., Yang, T., O'Neill, Z., and Zhou, X. Energy and ventilation performance analysis for CO<sub>2</sub>-base demand-controlled ventilation in multiple zone VAV systems with multiple recirculation paths. 2020 Building Performance Analysis Conference and SimBuild co-organized by ASHRAE and IBPSA-USA

# Zoned control system

## Motorized plenum for zoning and air quality in installations with circular ducts

Easyzone IAQ is the **Plug&Play solution** for applying zone control to an indoor unit with flexible ducts. **It controls 2 to 8 zones** independently and from anywhere with the **new Airzone Cloud app**. Available as an open system, Flexa 3.0.



Air quality sensor

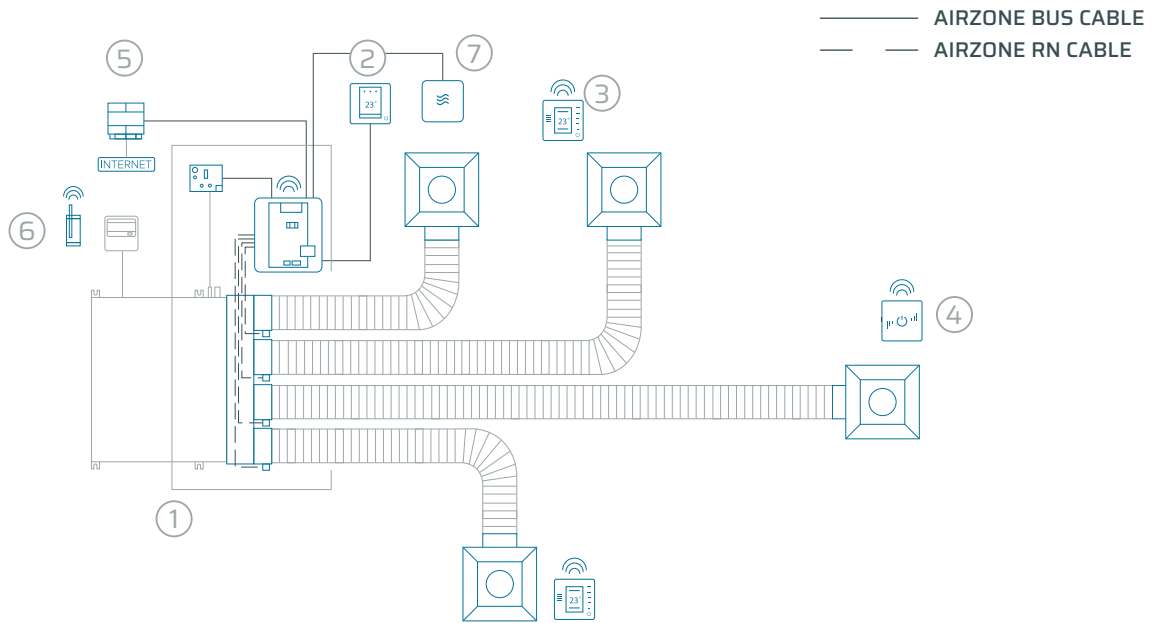
## Easyzone now also purifies the air by zone

Easyzone **purifies and improves the indoor air quality** of each zone. Each motorised damper includes an ioniser that purifies the air, based on the air quality level detected.

- Dynamic control of **set-point temperatures** for better energy efficiency.
- Limitation of minimum and maximum temperatures for effective control with the **Eco-Adapt function**.
- **Monitoring of indoor air quality** via AirQ Sensor.
- **Control of electricity consumption** thanks to the consumption meter.
- Custom-made plenum for each indoor unit, **Plug&Play**.
- Dynamic control of set-point temperatures with the **Q-Adapt function**.

CMV: Controlled mechanical ventilation





Reference	Description	Units
1	AZEZ8 [XXX] [ST/SL/BS] 4x [200/150] Easyzone IAQ [Standard + CMV / Slim + CMV / Medium] IB8 [brand] 4x [200/150] 01M Airzone - [brand] controller gateway Airzone main controller of the Flexa 4.0 system - Innobus Pro8 - 8 zones Ioniser for each damper and integrated sensor	1
2	AZCE6BLUEZEROC [B/N] Airzone Blueface Zero wired thermostat [white/black]	1
3	AZCE6THINKR [B/N] Airzone Think wireless monochrome thermostat [white/black]	2
4	AZCE6LITE [C/R] [B/N] Airzone Lite Thermostat [wired/wireless][white/black]	1
5	AZX6WSPHUB Webserver HUB Airzone Cloud Dual 2.4-5 GHz/Ethernet	1
6	AZX6ACCON <sup>1</sup> Airzone consumption meter	1
7	AZX6AIQSNBS AirQ indoor air quality (IAQ) sensor	1



Independent temperatures



Time schedules



Air quality



Remote management<sup>2</sup>



Weather forecasts<sup>2</sup>



Residential and commercial

New!



## Dampers with ionisers

Each motorised damper has an **integrated flow control mechanism**, to which an **ioniser** is added.

## Renewal of the air (CMV)

Easyzone makes it possible to renew the air in the application independently and autonomously, using the same ductwork.

<sup>1</sup> Opcional.

<sup>2</sup> Applicable if the system has an Airzone Cloud Webserver.

## An integrated solution

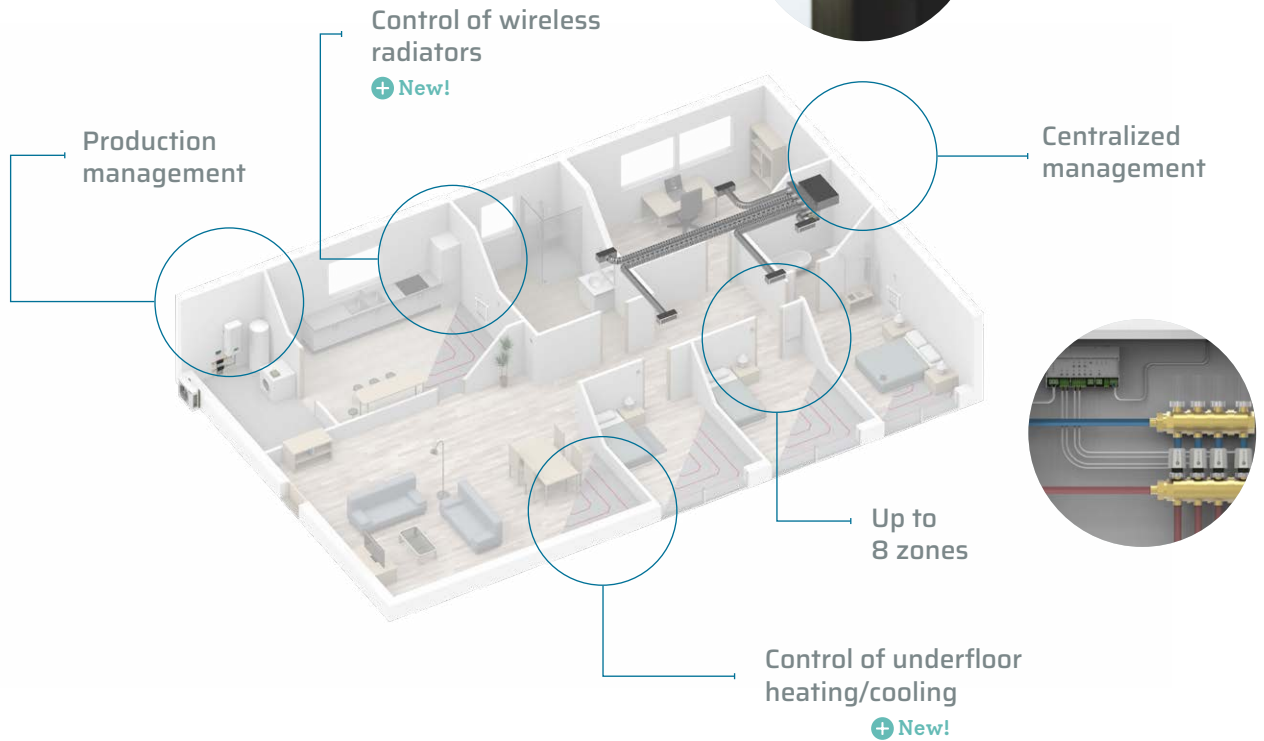
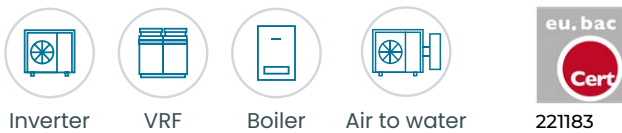
Compatible with **the main BMS, home automation and IoT technologies.**

- Airzone Cloud Application.
- Voice assistants Amazon Alexa or Google Assistant.
- Modbus RTU and TCP, BACnet MS/TP and IP protocol.
- KNX integration gateways.
- Drivers and plugins: IFTTT, Samsung Smart Things, Control4, Crestron, Elan, Home Assistant, Eedomus, Nice, Jeedom, RTI, Savant, URC, SnC, Delta Dore, Schneider Electric Wisser and Simon.
- Cloud API and REST API.

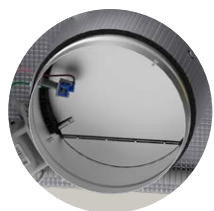
# Zoned control system

**Motorized plenum for zoning and air quality in mixed installations: ducted HVAC, underfloor heating and cooling and radiators.**

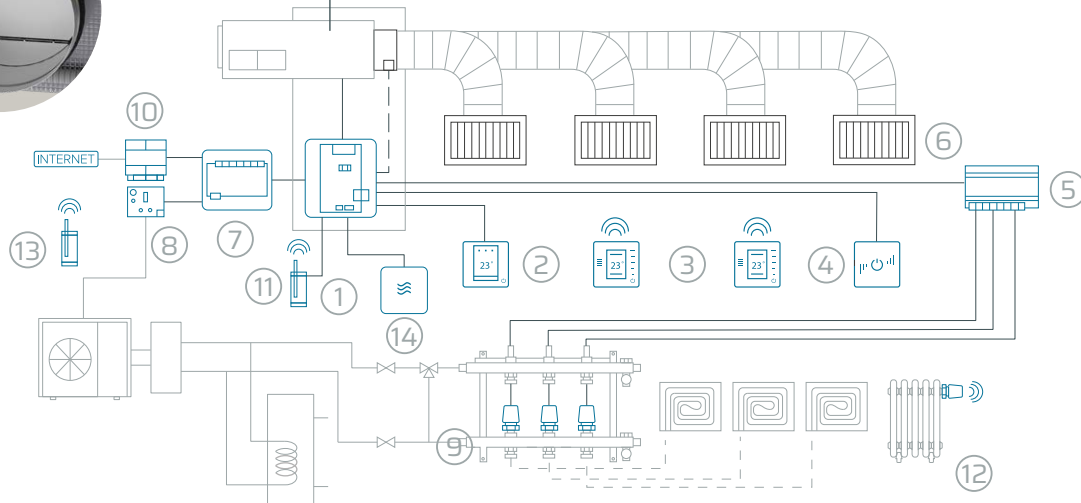
Easyzone IAQ is a complete system. Add **control of radiant elements, the production unit and the recirculation pumps** to your zoned system. Centralized control for the entire application.



- **Optimization of comfort** with smart control of the floor's thermal inertia.
- **Anti-freezing safety function** that prevents the freezing of pipes.
- **Monitoring of indoor air quality** via AirQ Sensor.
- **Control of electricity consumption** thanks to the consumption meter. Ionization-based indoor air purification and quality control system.
- Control of the **comfort temperature** in each zone.



—— AIRZONE BUS CABLE  
 - - AIRZONE RN CABLE



Reference	Description	Units
1	Easyzone IAQ [Standard + CMV / Slim + CMV / Medium] IB8 [brand] 4x [200/150] 01M Airzone 3.0 controller gateway - [brand] Airzone Flexa 4.0 - Innobus Pro8 main control board - 8 zones Ionizer by damper and integrated sensor	1
2	AZCE6BLUEZEROC [B/N]	1
3	AZCE6THINKR [B/N]	2
4	AZCE6LITE [C/R] [B/N]	1
5	AZCE8CM1VALC	1
6	RDHV[LENGTH][HEIGHT] BKX	4
7	AZX6CCPGAWI	1
8	AZX6GAW [XXX]	1
9	AZX6ACTIVALC	4
10	AZX6WSPHUB	1
11	AZCE8CM1VALR	1
12	AZX6ACTIVALR	1
13	AZX6ACCON <sup>1</sup>	1
14	AZX6AIQSNSB	1



Independent temperatures



Time schedules



Combined control



Remote management<sup>2</sup>



Weather forecast<sup>2</sup>



Air quality

### Combined control

With the control module of radiant elements, you can **combine the operation of water, air and radiant stages**. The combined mode makes it possible to achieve thermal comfort conditions in the shortest possible time.

### Optimized production

Through the production control board, Easyzone IAQ **automatically manages the production of the air to water system and recirculation pumps** according to the zones with demand, avoiding overconsumption.

### An integrated solution

Compatibility with **the main BMS/home automation and IoT technologies**.

- Airzone Cloud app.
- Voice assistants Amazon Alexa or Google Assistant.
- Modbus RTU and TCP, BACnet MS/TP and IP protocol.
- KNX integration gateways.
- Drivers and plugins: Control4, Samsung Smart Things, Crestron, Eedomus, Fibaro, Jeedom and RTI.
- Cloud API and REST API.

<sup>1</sup> Opcional.

<sup>2</sup> Applicable if the system has an Airzone Cloud Webserver.

# Zoned control system

Zoned control for underfloor heating and cooling installations.

The most efficient and cost-effective way to control underfloor heating and cooling is with Airzone thermostatic valve actuators. Thanks to the Flexa 4.0 system, **the floor's thermal inertia is used to achieve greater savings.**



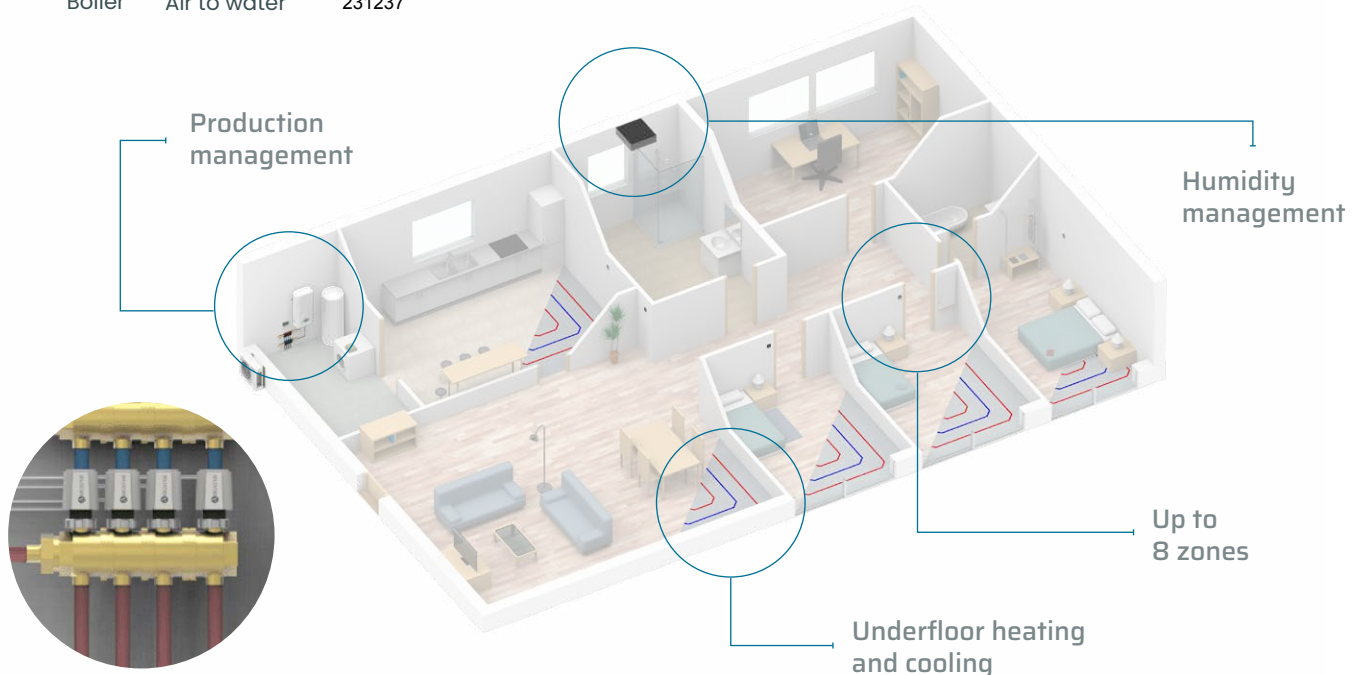
Boiler



Air to water



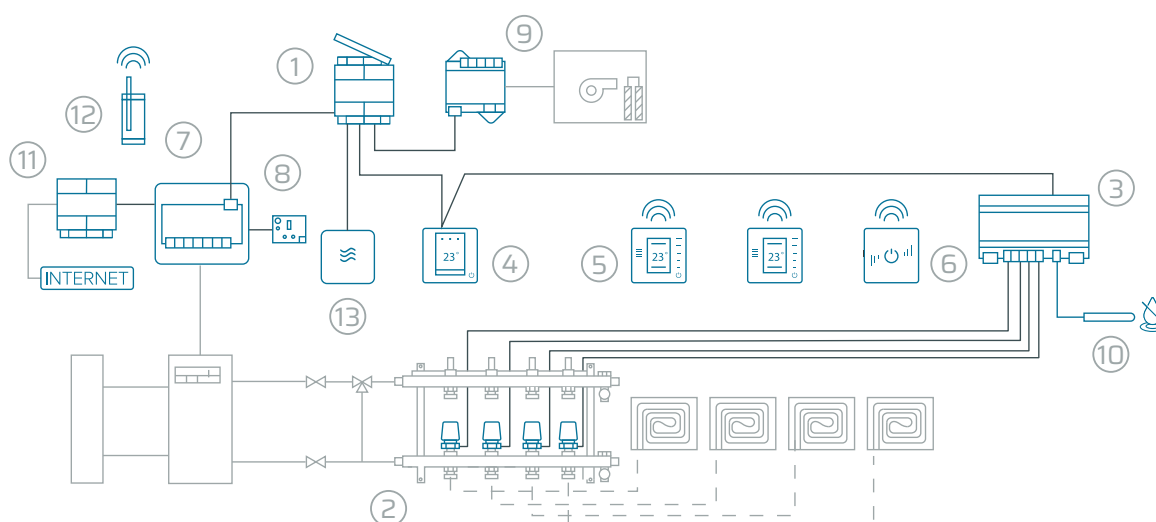
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- Control of the **comfort temperature** in each zone.
- **Anti-condensation** control with measurement of humidity in the zone, supply temperature and control of the dehumidifier.
- Limitation of minimum and maximum temperatures for efficient control through the **Eco-Adapt function**.
- **Monitoring of indoor air quality** via AirQ Sensor.

- **Control of electricity consumption** thanks to the consumption meter.
- **Optimization of comfort** with smart control of the floor's thermal inertia.
- **Production management by means of communication gateways** and action on recirculation pumps.
- **Airzone thermostatic** valve actuators supplied at 230 Vac for managing the valves in each zone<sup>1</sup>.

<sup>1</sup>Third-party heads with an external power supply at 110/230 Vac (50/60 Hz) can be used.



Reference	Description	Units
1	AZCE8CBIDIN Flexa 4.0 main control board using DIN rail - 8 zones	1
2	AZX6ACTIVALC Airzone wired 110/230V VALC thermostatic valve actuators for radiant elements M30x1.5 mm	4
3	AZCE8CM1VALC Airzone Flexa 4.0 control module of 110/230V VALC wired valves (Flexa 4.0)	1
4	AZCE6BLUEZEROC [B/N] Airzone Flexa Blueface Zero wired thermostat [black/white]	1
5	AZCE6THINKR [B/N] Airzone Flexa Think monochrome wireless thermostat [black/white]	2
6	AZCE6LITE [C/R][B/N] Airzone Flexa Lite [wired/wireless] simplified thermostat [black/white]	1
7	AZX6CCPGAWI Airzone hydronic production control board	1
8	AZX6GAW [XXX] Airzone air to water gateway - [brand]	1
9	AZCE8CMIDRY <sup>1</sup> Airzone Flexa 4.0 dehumidifier control module	1
10	AZX6ACCTPA Airzone clamp-on temperature probe (X6)	1
11	AZX6WSPHUB Webserver HUB Airzone Cloud Dual 2.4-5 GHz/Ethernet	1
12	AZX6ACCON <sup>2</sup> Airzone consumption meter	1
13	AZX6AIQSNSB <sup>1</sup> AirQ indoor air quality (IAQ) sensor	1



Independent temperatures



Time schedules



Relative humidity



Remote management<sup>3</sup>



Weather forecast<sup>3</sup>



Residential and tertiary

## Reversible floor control

Flexa 4.0 can be used with underfloor heating and cooling systems for **use 365 days a year.**

## Safety functions

Thanks to its **anti-condensation, anti-freezing and anti-scale functions**, the system is protected from condensation or freezing of pipes.

<sup>1</sup> Opcional.

<sup>2</sup> Consult availability..

<sup>3</sup> Applicable if the system has an Airzone Cloud Webserver.

## An integrated solution

Compatibility with **the main BMS/home automation and IoT technologies.**

- Airzone Cloud app.
- Voice assistants Amazon Alexa or Google Assistant.
- Modbus RTU and TCP, BACnet MS/TP and IP protocol.
- KNX integration gateways.
- Drivers and plugins: IFTTT, Samsung Smart Things, Control4, Crestron, Elan, Home Assistant, Eedomus, Nice, Jeedom, RTI, Savant, URC, SnC, Delta Dore, Schneider Electric Wiser and Simon.
- Cloud API and REST API.

# Zoned control system

Zoned control for radiators.

**Airzone wireless thermostatic valve actuators** enable zoned radiator control. An easy-to-install **Plug&Play solution**. Flexa 4.0 is also suitable for central heating in buildings.

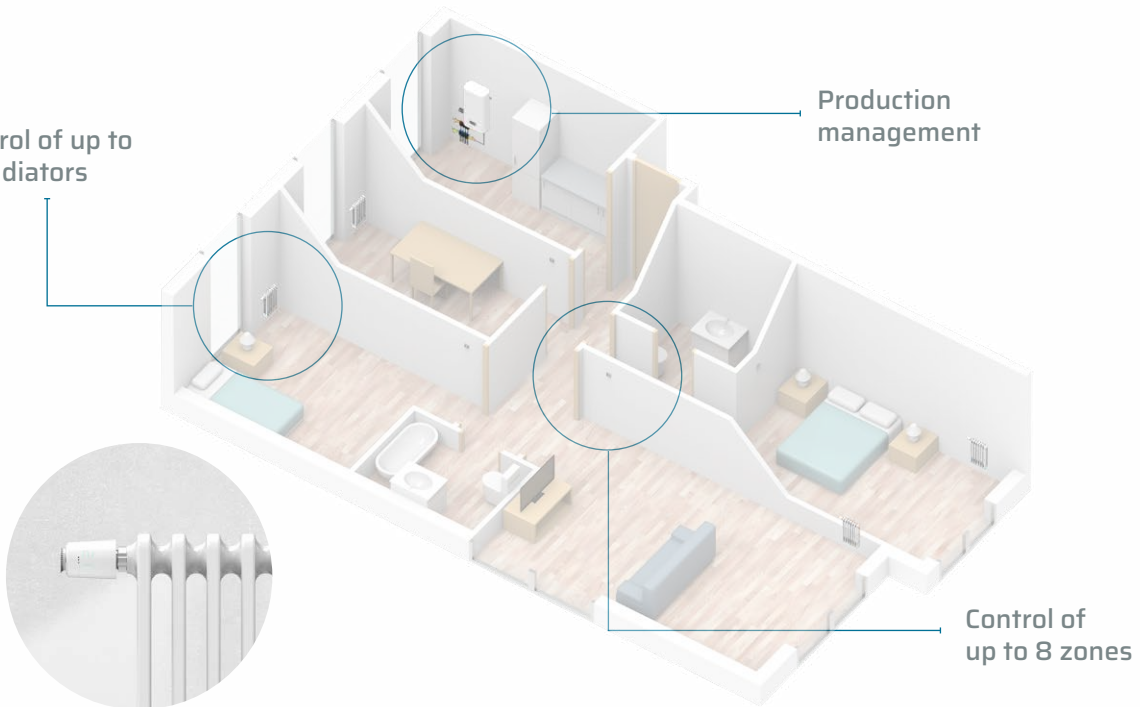


Boiler



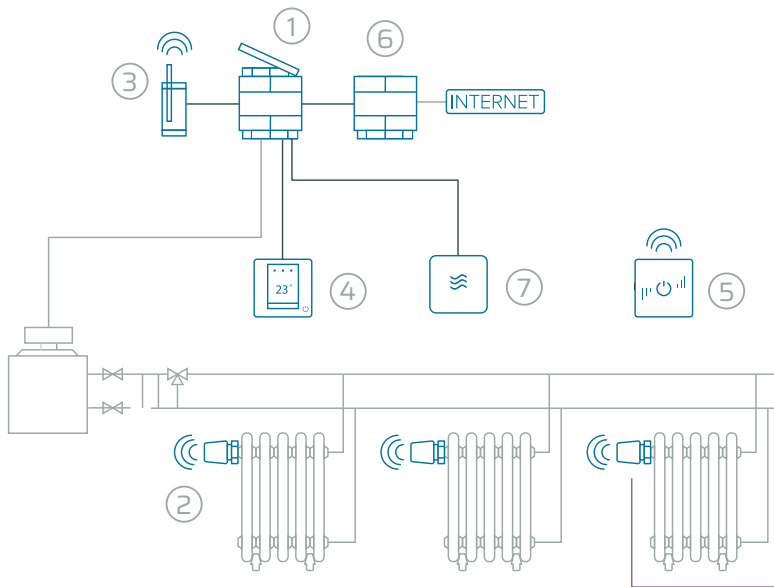
Air to water

Control of up to 10 radiators



- Airzone **wireless thermostatic** valve actuators with comfort temperature regulation and indicator in each zone.
- Limitation of minimum and maximum temperatures for efficient control through the **Eco-Adapt function**.
- **Optimization of comfort** with proportional control of the opening of the radiator valve depending on room temperature.
- Adapters for connecting the actuator with **valves of different diameters**.

- **Monitoring of indoor air quality** via AirQ Sensor.
- **Control of electricity consumption** thanks to the consumption meter.
- Improved control of the system and reduced energy consumption thanks to **production management via communication gateways** and action on recirculation pumps.





We adapt to your radiator model!



You can adapt the system to different radiators thanks to the adapters included for the different valves available on the market.

Reference	Description	Units
1 AZCE8CB1DIN	Flexa 4.0 main control board using DIN rail - 8 zones	1
2 AZX6AC1VALR	Airzone wireless thermostatic valve actuator VALR for radiators	3
3 AZX6CM1VALR	Airzone Flexa 4.0 control module for wireless thermostatic valve actuators VALR	1
4 AZCE6BLUEZEROC [B/N]	Airzone Flexa Blueface Zero wired thermostat [black/white]	1
5 AZCE6LITE [C/R][B/N]	Airzone Flexa Lite [wired/wireless] simplified thermostat [black/white]	1
6 AZX6WSPHUB	Webserver HUB Airzone Cloud Dual 2.4-5 GHz/Ethernet	1
7 AZX6AIQSNBSB <sup>1</sup>	AirQ indoor air quality (IAQ) sensor	1

  
Independent temperatures

  
Time schedules

  
Remote management<sup>2</sup>

  
Weather forecasts<sup>2</sup>

  
Residential and commercial

### Secure installation

The **child safety function** prevents involuntary activation of the device and **the anti-freeze functions** protect the system against frost in the pipes

### Improved aesthetics

Airzone thermostat heads have a **modern and simple design** that fits in with any interior. Their **LED screen** shows the set temperature, battery status and wireless network coverage. It is possible to add one user interface per zone.

### An integrated solution

Compatible with **the main BMS, home automation and IoT technologies.**

- Airzone Cloud Application.
- Voice assistants Amazon Alexa or Google Assistant.
- Modbus RTU and TCP, BACnet MS/TP and IP protocol.
- Drivers and plugins: IFTTT, Samsung Smart Things, Control4, Crestron, Elan, Home Assistant, Eedomus, Nice, Jeedom, RTI, Savant, URC, SnC, Delta Dore, Schneider Electric Wiser and Simon.
- Cloud API and REST API.

<sup>1</sup>Consult availability.

<sup>2</sup>Applicable if the system has an Airzone Cloud Webserver.

# Zoned control system

Zoning for ducted systems.

The Flexa 4.0 system is suitable for **rigid and flexible ducted installations** for the independent control of each zone.



Inverter



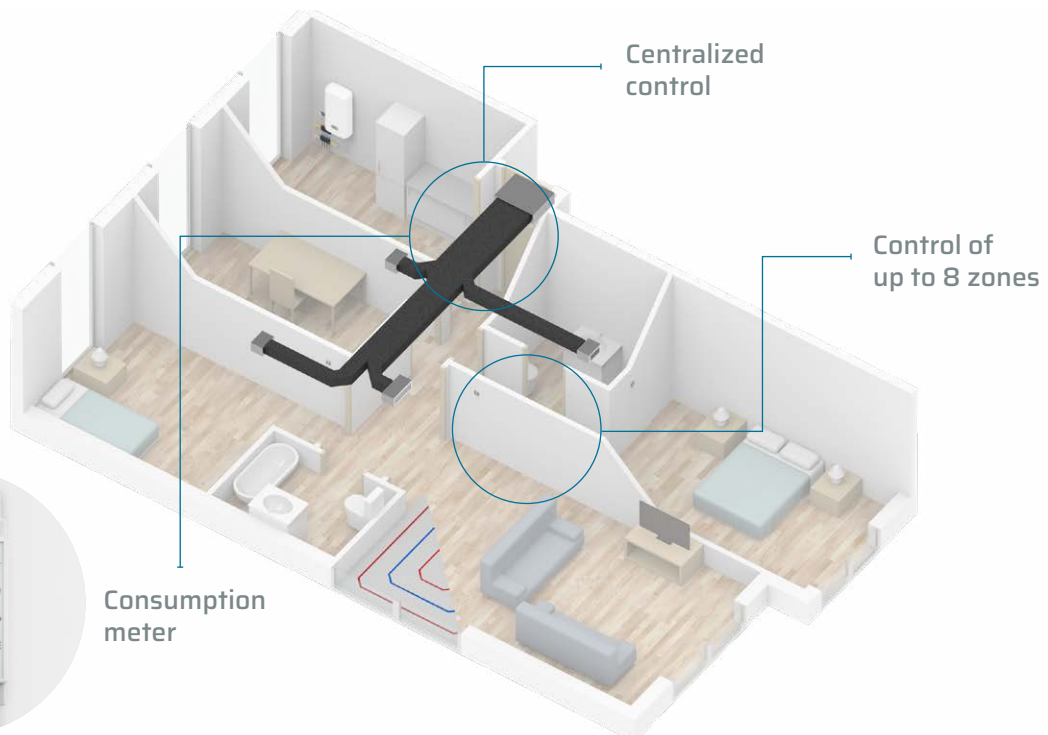
VRF



Boiler

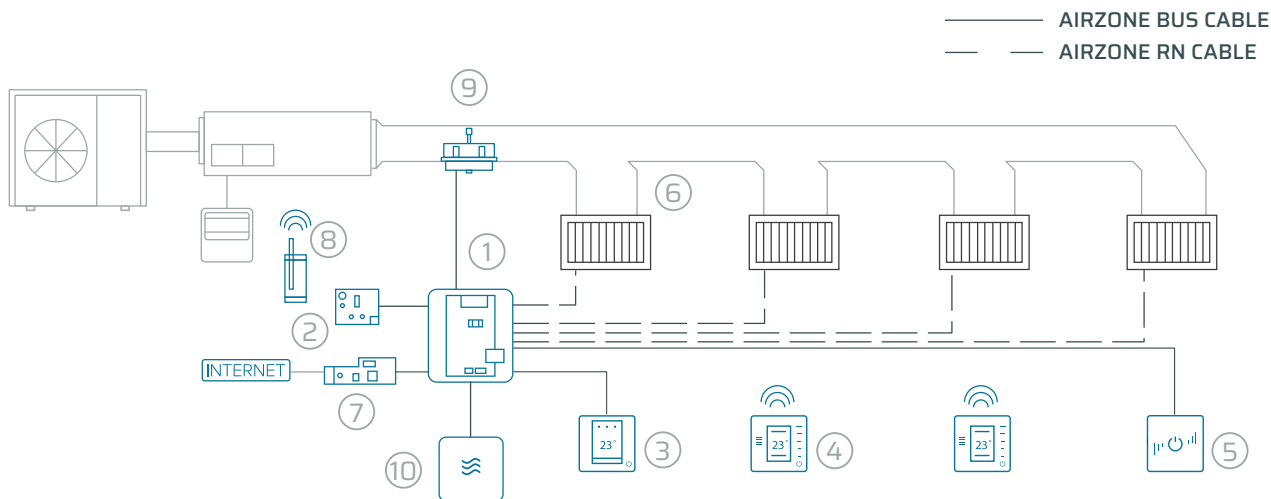


22184




- Individual management of the **comfort temperature** in each zone.
- Limitation of minimum and maximum temperatures for efficient control through the **Eco-Adapt function**.
- **Q-Adapt** configuration for fan regulation with 5 presets.
- **Dynamic control** of the indoor unit according to demand.
- **Monitoring of indoor air quality using the AirQ Sensor and air purification** using the AirQ Box.
- Control of electricity consumption thanks to the consumption meter.
- Controlled mechanical ventilation (**CMV**) management.
- **Management of production** and recirculation pumps.
- It features a **programmable and configurable output**.
- **Advanced configuration** through the app via Bluetooth.





Reference	Description	Units
1	AZCE8CB1MOT Flexa 4.0 main control board - 8 zones	1
2	AZX6GTC [XXX] Airzone 3.0 controller gateway - [brand]	1
3	AZCE6BLUEZERO [B/N] Airzone Flexa Blueface Zero wired thermostat [black/white]	1
4	AZCE6THINKR [B/N] Airzone Flexa Think monochrome wireless thermostat [black/white]	2
5	AZCE6LITE [C/R] [B/N] Airzone Flexa Lite [wired/wireless] simplified thermostat [black/white]	1
6	CPRC[LENGTH][HEIGHT]MTE Motorized rectangular damper Airzone	4
7	AZX6WSC5GER Airzone Cloud Webserver Wi-Fi Dual 2.4-5 GHz	1
8	AZX6ACCON <sup>1</sup> Airzone consumption meter	1
9	AZX6AIQBOXM AirQ Box in-duct IAQ monitoring and control device	1
10	AZX6AIQSNSB <sup>2</sup> AirQ indoor air quality (IAQ) sensor	1

  
Independent temperatures

  
Time schedules

  
Eco-Adapt function

  
Remote management<sup>1</sup>

  
Weather forecast<sup>1</sup>

  
Residential and tertiary

## New! Configuration from the app

The new AZCE8CB1MOT main control board allows **easy configuration of the system through the app thanks to the configuration wizard**. It uses a bluetooth connection, facilitating on-site start-up in the absence of a Wi-Fi connection.

### Consumption information

**Thanks to the electric meter, you can view the energy consumption of your single-phase HVAC unit on the application's own thermostat or through the Airzone Cloud app.**

## An integrated solution

Compatibility with **the main BMS/home automation and IoT technologies**.

- Airzone Cloud app.
- Voice assistants Amazon Alexa or Google Assistant.
- Modbus RTU and TCP, BACnet MS/TP and IP protocol.
- KNX integration gateways.
- Drivers and plugins: IFTTT, Samsung Smart Things, Control4, Crestron, Elan, Home Assistant, Eedomus, Nice, Jeedom, RTI, Savant, URC, SnC, Delta Dore, Schneider Electric Wiser and Simon.
- Cloud API and REST API.

<sup>1</sup> Optional.

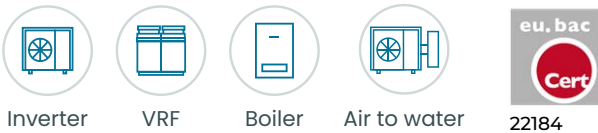
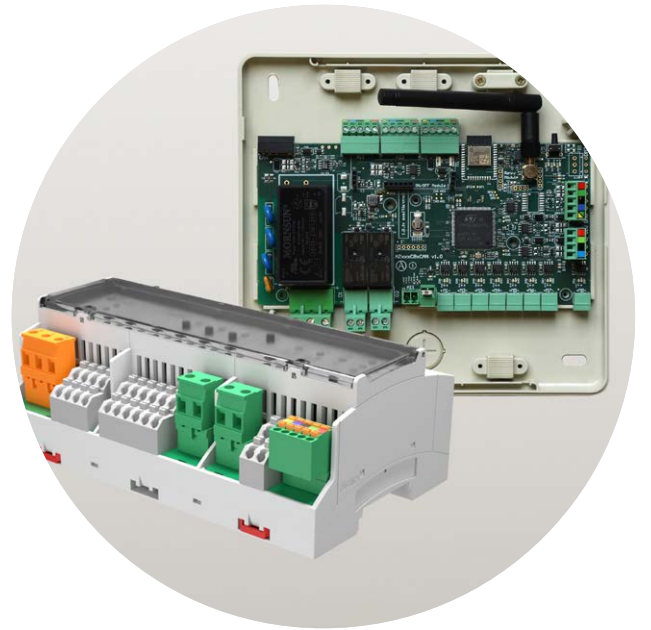
<sup>2</sup> Consult availability.

<sup>3</sup> Applicable if the system has an Airzone Cloud Webserver.

# Zoned control system

Zoned control for **ducted HVAC applications, underfloor heating and cooling and radiators.**

Enjoy complete centralized control of the entire application by adding **control of radiant elements, the production unit and the recirculation pumps** to your zoned system.



Inverter

VRF

Boiler

Air to water

22184

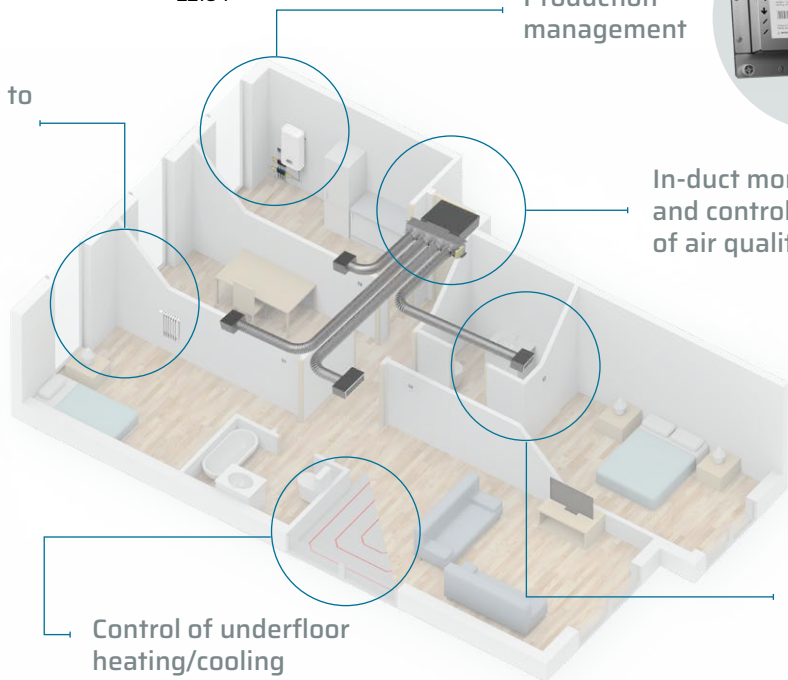
Production management



Control of up to 10 radiators  
+ New!



In-duct monitoring and control of air quality



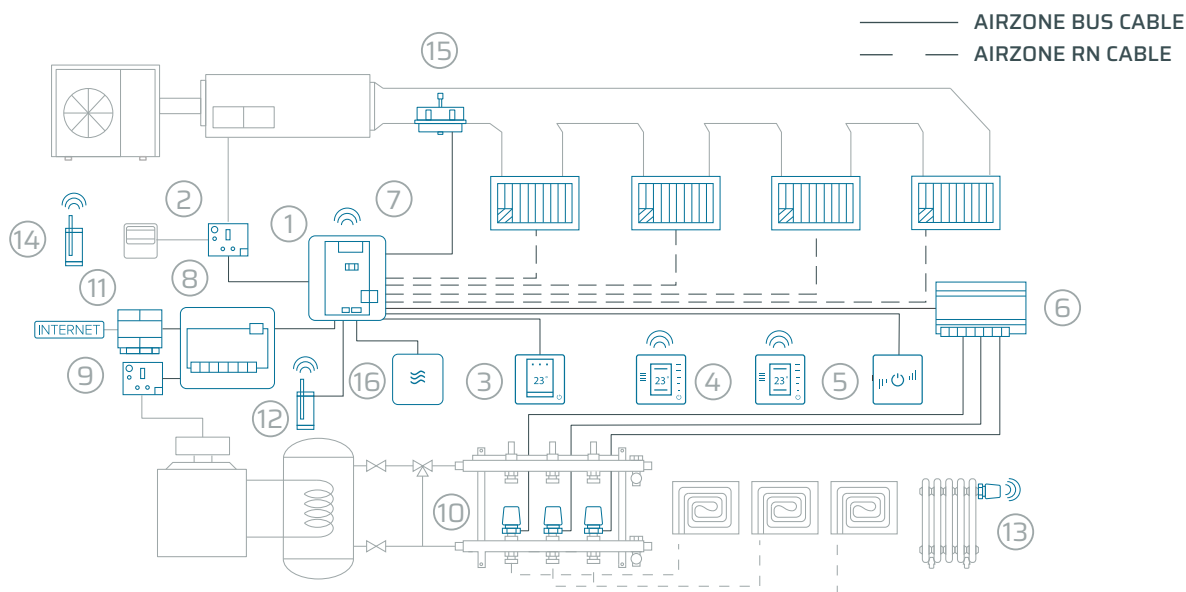
Control of underfloor heating/cooling  
+ New!

Control of up to 8 zones

With a single thermostat per zone, you can easily control air conditioning, underfloor heating and cooling and radiators. **The combined mode makes smart use of the heating stages** to achieve thermal comfort conditions in the shortest possible time.

- **Control of electricity consumption** thanks to the consumption meter.
- **Monitoring of indoor air quality using the AirQ Sensor** and air purification using the AirQ Box.

- **Control of air, underfloor heating and cooling and radiator stages.**
- Management of **production and recirculation pumps.**
- Optimization of comfort with smart control of the **floor's thermal inertia.**
- **Anti-freezing safety function** that prevents the freezing of pipes.
- **Control of the comfort temperature** in each zone.



Reference	Description	Units
1 AZCE8CBIMOT	Airzone Flexa 4.0 main control board	1
2 AZX6GTC [XXX]	Airzone 3.0 controller gateway - [brand]	1
3 AZCE6BLUEZEROC [B/N]	Airzone Flexa Blueface Zero wired thermostat [black/white]	1
4 AZCE6THINKR [B/N]	Airzone Flexa Think monochrome wireless thermostat [black/white]	2
5 AZCE6LITE [C/R] [B/N]	Airzone Flexa Lite [wired/wireless] simplified thermostat [black/white]	1
6 AZCE8CMIVALC	Airzone control module of 110/230V VALC wired valves	1
7 RINT [LENGTH] [HEIGHT] BKMRE	Triple smart regulation grille [Length] [Height] white	4
8 AZX6CCPGAWI	Airzone hydronic production control board	1
9 AZX6GAW [XXX]	Airzone air to water gateway - [brand]	1
10 AZX6AC1VALC	Airzone wired 110/230V VALC thermostatic head for radiant elements M30x1.5 mm	3
11 AZX6WSPHUB	Webserver HUB Airzone Cloud Dual 2.4-5 GHz/Ethernet	1
12 AZCE8CMIVALR	Airzone Flexa 4.0 control module for wireless thermostatic valve actuators VALR	1
13 AZX6AC1VALR	Airzone VALR wireless thermostatic head for radiators	1
14 AZX6ACCON <sup>1</sup>	Airzone consumption meter	1
15 AZX6AIQBOXM	AirQ Box in-duct IAQ monitoring and control device	1
16 AZX6AIQSNSB <sup>2</sup>	AirQ indoor air quality (IAQ) sensor	1



Independent temperatures



Time schedules



Combined control



Remote management<sup>3</sup>



Weather forecast<sup>3</sup>



Residential and tertiary

### More comfort, less time

By combining the operation of water, air and radiant stages, you can achieve thermal comfort conditions in the shortest possible time.

Now you can control different types of radiant cooling and heating sources (underfloor heating and cooling, electric underfloor heating, ceiling cooling, water or electric radiators) and reduce installation time thanks to the new radiant elements module.

### More efficient heating

The production control board enables automated management of zones with demand. The production of the air to water system and the recirculation pumps will therefore work, avoiding overconsumption.

<sup>1</sup> Optional.

<sup>2</sup> Consult availability.

<sup>3</sup> Applicable if the system has an Airzone Cloud Webserver.

# Zoned control system

Zoned control solution for HVAC applications with individual AC units and underfloor heating and cooling.

One of the most widespread solutions, Acuazone adapts to **the most complex applications enabling efficient and intuitive integration.** This distributed system has a wide variety of combinations, making it a particularly interesting solution for residential buildings.



Inverter



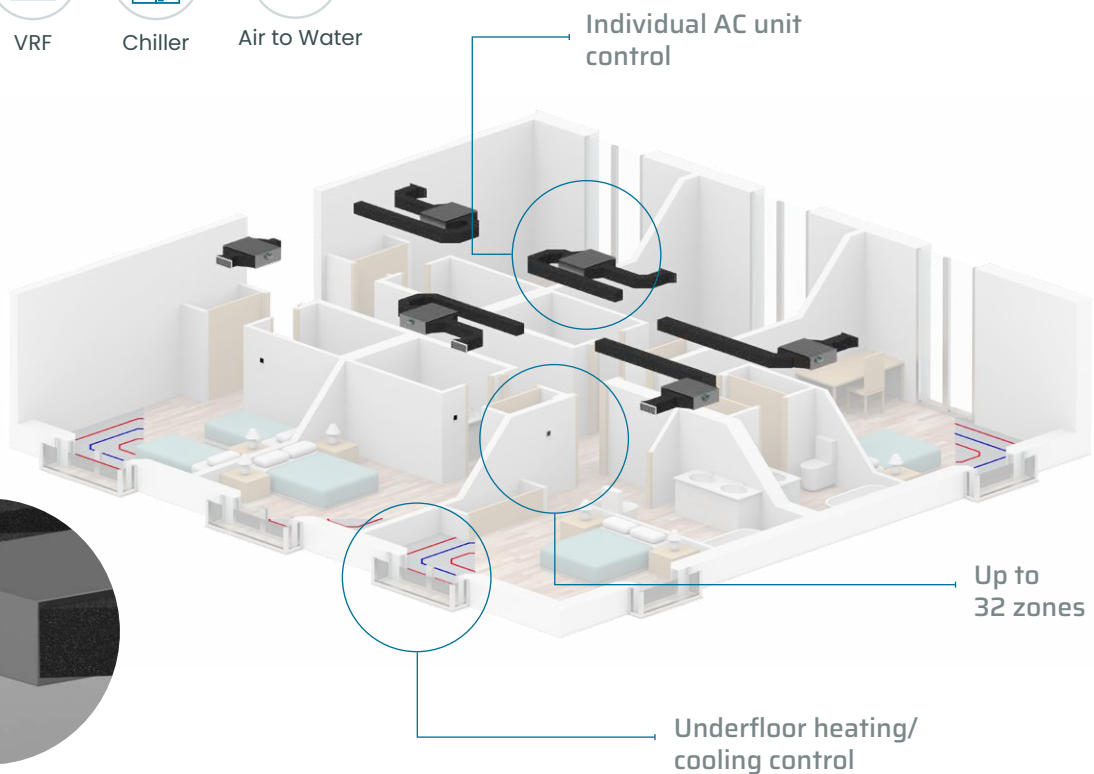
VRF



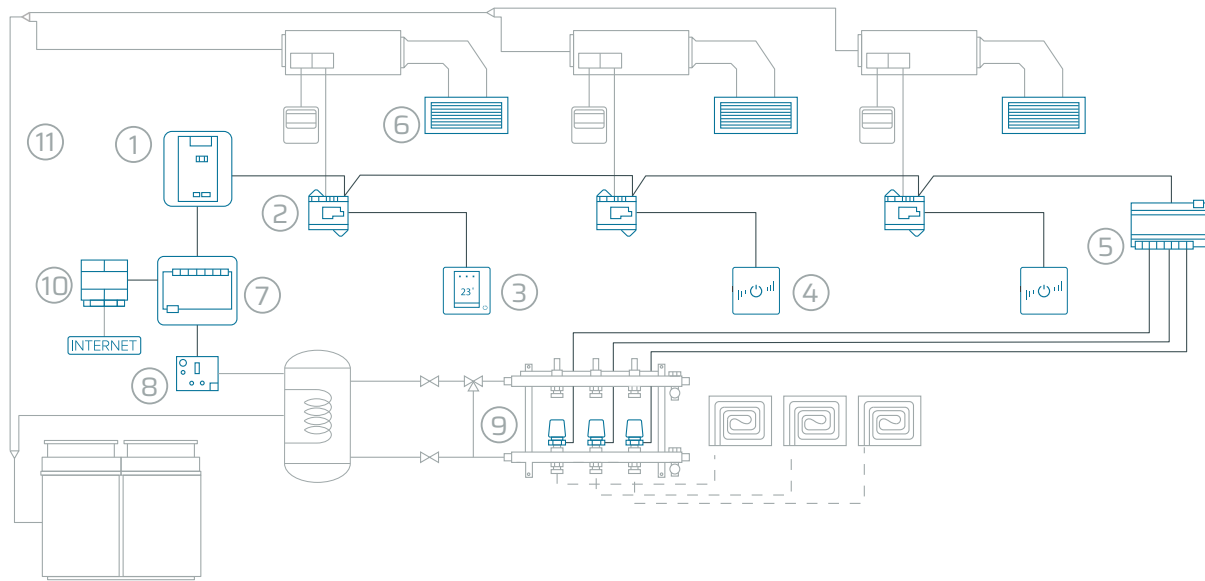
Chiller



Air to Water



- Control of the **comfort temperature** in each zone.
- Optimization of comfort with **combined control** of air conditioning and underfloor heating and cooling.
- Integrated control of **different HVAC technologies.**
- Shutdown by **window contact or occupancy detection** to prevent overconsumption.
- Limitation of minimum and maximum temperatures for efficient control through the **Eco-Adapt function.**



Reference	Description	Units
1	AZDI6ACUAZONE Airzone Acuazone main control board 32Z	1
2	AZDI6ZMO [XXX] [C/R] Airzone [brand] individual unit zone module [wired/wireless] 32Z	3
3	AZDI6BLUEZEROC [B/N] Airzone Acuazone Blueface Zero wired thermostat [white/black]	1
4	AZDI6LITE [C/R] [B/N] Airzone Acuazone Lite simplified thermostat [wired/wireless] [white/black]	2
5	AZDI6OUTPUT8 Airzone control module of radiant elements 32Z	1
6	RL00 [LENGTH] [HEIGHT] BKX Airzone linear grille 0° [Length] [Height] white clip	3
7	AZX6CCPGAW1 Airzone hydronic production control board	1
8	AZX6GAW [XXX] Airzone air to water gateway - [brand]	1
9	AZX6ACTIVALC Airzone wired thermostatic valve actuator 110/230V VALC for radiant elements M30x1.5 mm	3
10	AZX6WSPHUB Webserver HUB Airzone Cloud Dual 2.4-5 GHz/Ethernet	1



Independent temperatures



Time schedules



Combined control



Remote management<sup>1</sup>



Weather forecast<sup>1</sup>



Residential and tertiary

### Combined control

Acuazone **combines the air and underfloor heating/cooling stages** according to demand to effectively achieve ideal comfort conditions.

### Optimized production

Acuazone **is integrated with the production of the air to water system and controls the recirculation pumps** according to the zones with demand, improving the performance of the application.

### An integrated solution

Compatibility with **the main BMS/home automation and IoT technologies.**

- Airzone Cloud app.
- Amazon Alexa and Google Assistant voice assistants.
- Protocolo Modbus RTU y TCP, BACnet MS/TP e IP.
- KNX integration gateway.
- Drivers and plugins: IFTTT, Samsung Smart Things, Control4, Crestron, Elan, Home Assistant, Eedomus, Nice, Jeedom, RTI, Savant, URC, SnC, Delta Dore, Schneider Electric Wisser and Simon.
- Cloud API and REST API.

<sup>1</sup> Applicable if the system has an Airzone Cloud Webserver.

# Integration of control systems

Connect your HVAC applications to major building management systems with our solutions.

{ REST:API }

Local API



Modbus



Gateways

## We control the following parameters

- The operating mode of the application.
- The fan speed of the indoor unit.
- Domestic hot water (DHW).
- Error detection.
- The data of each zone:
  - > The status of the zone.
  - > The reading of the room temperature and humidity.
  - > The set-point temperature.
  - > The management of the air stage and radiant elements.

## Airzone Cloud Webserver HUB

The new Airzone Cloud Webserver HUB module **allows Airzone systems to connect to the Cloud**. Always keep control of your applications, by transforming your devices into control interfaces. Any time, anywhere.

- Control up to 32 Airzone systems.
- Ethernet port.
- RS485 port for BACnet MS/TP, Modbus RTU.
- 2.4 GHz/5 GHz Wi-Fi connectivity.
- Bluetooth Low Energy (BLE) connectivity for configuration.
- Allows configuration as Lutron, BACnet IP or Modbus TCP/IP.
- Remote update of Webserver firmware and connected systems.
- Remote management of system errors.



## BACnet IP and MS/TP

- Plug&Play.
- One Airzone Cloud Webserver HUB as BACnet gateway per system.
- Control up to 32 systems.
- Accessible from Airzone Cloud.
- Ethernet/Wi-Fi connection.

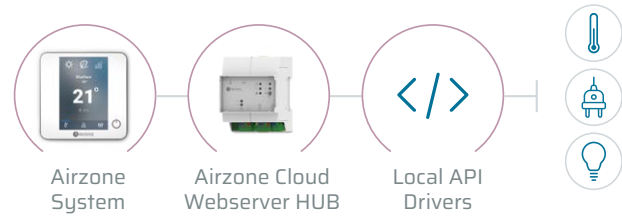


## Local API

**Direct IP communication with the local web server, Airzone Cloud Webserver HUB.**

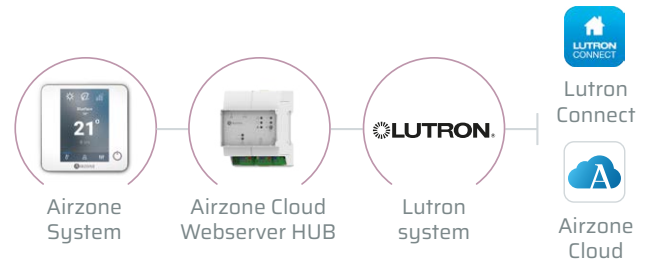
- Plug&Play.
- Control up to 32 Airzone systems.
- Accessible from Airzone Cloud.
- Ethernet/Wi-Fi connection.

**The local API is open to allow the integration of HVAC applications with home automation systems.**



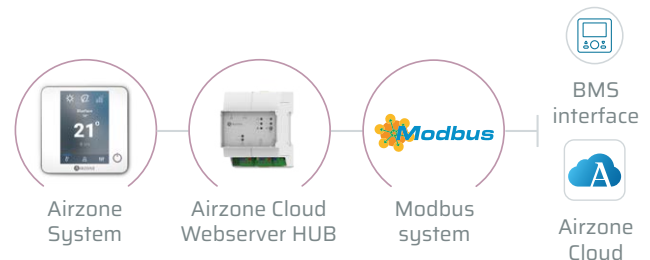
## Lutron

- Plug&Play.
- One Airzone Cloud Webserver HUB as Lutron gateway per system.
- Control up to 32 systems.
- Accessible from Airzone Cloud.
- Ethernet/Wi-Fi connection.
- Compatible with Lutron Palladiom thermostats.



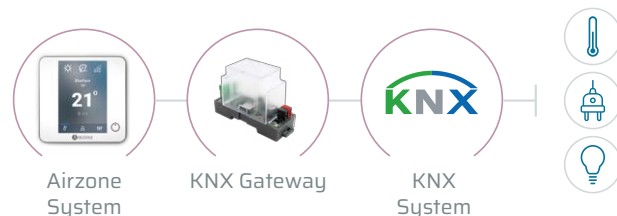
## Modbus RTU y TCP/IP

- Plug&Play.
- One Airzone Cloud Webserver HUB as Modbus gateway per system.
- Control up to 32 systems.
- Accessible from Airzone Cloud.



## KNX Gateway

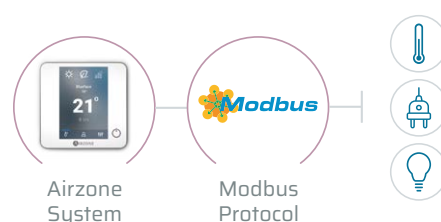
- One KNX gateway per Airzone system.
- Control up to 14 zones.
- KNX certified product.
- KNX standard data.
- Configurable from the ETS.
- Compatible with KNX thermostats.



## Modbus RTU

**Direct control from the home automation port of our main controller. All our products use the Modbus RTU protocol natively.**

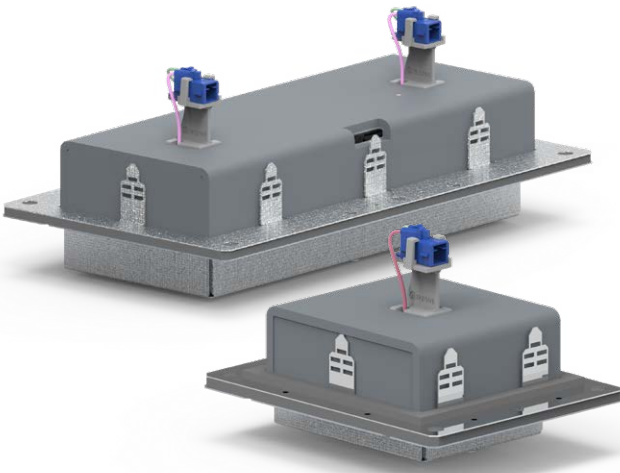
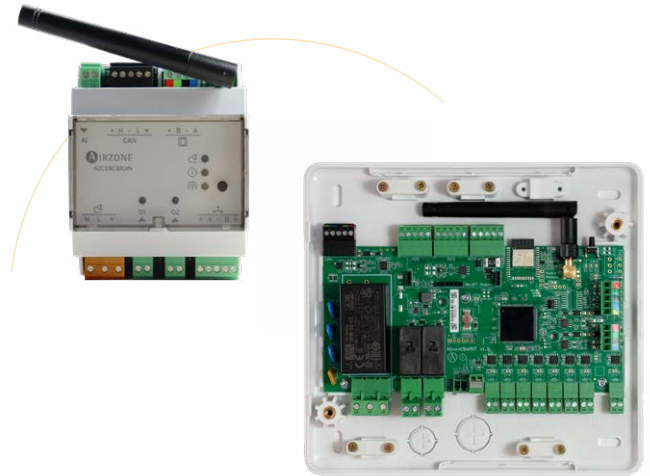
- Control up to 99 Airzone systems.



# New features 2023/2024

## Flexa 4.0 / Easyzone

The new generation of Flexa and Easyzone systems **adds zoned control to underfloor heating/cooling systems and radiators**, allowing joint management of air conditioning and heating from the same zone thermostat. It incorporates Artificial Intelligence in the management of thermal installations in buildings.



## AirQ Box

AirQ Box takes advantage of the air circulation in ducted HVAC applications to **neutralize particles** such as dust, mites, pollen, bacteria and viruses **through the negative ions emitted**.

## AirQ Sensor

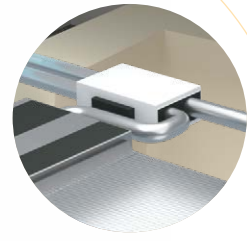
AirQ Sensor is a device designed to **measure indoor air quality and control elements to improve it**. Depending on the elements installed, AirQ Sensor can activate the ventilation system or the AirQ Box ionization modules.





## Aidoo Pro Ventilation

Aidoo Pro Ventilation **improves air quality through complete control from the Airzone Cloud app.** Compatible with Home Automation and Building Management Systems, it allows monitoring and activating ventilation units, ensuring an optimal indoor environment.



## Aidoo Pro with AirQ Sensor and AirQ Box

Aidoo Pro, along with the AirQ Sensor and AirQ Box, creates an **integrated solution for climate control and air quality management, controlled via the Airzone Cloud app, a Smart Home system, or BMS.** This setup manages an Inverter/VRF unit, monitors indoor air quality, and activates a ventilation system or an AirQ Box device based on the concentration of CO<sub>2</sub> and harmful particles in the conditioned space.

The combination of these devices facilitates easy installation and configuration, offering efficient control and significantly improving air quality.

## Aidoo KNX Air-to-Water

Aidoo KNX Air-to-Water is a KNX integration gateway that **enables bidirectional communication with air-to water heat pumps through protocols developed in collaboration with unit manufacturers.** This integration allows production management, temperature control, and heat pump scheduling from a KNX home automation system.



# Pricelist Airzone

**AirQ** + New!



Remote control



Individual units



Air quality



Pack Format

Reference	Description	Price (£)
AZAIQPBMWSPFAN [B/N]	Pack AirQ Box - Aidoo Pro Fan coil - Blueface [white/black]	605.00
AZAIQPBMWSP [XXX]	Pack AirQ Box - Aidoo Pro [brand]	605.00
AZX6AIQBOXM	AirQ Box in-duct IAQ monitoring and controlling device	437.00
AZX6AIQBOXS	AirQ Box in-duct IAQ controlling expansion module	220.00
AZX6AIQSNSB <sup>1</sup>	AirQ Indoor Air Quality Sensor	459.00

Replace **[XXX]** with the corresponding acronym, depending on the brand of the unit:

BA1 = Baxi R32

BAX = Baxi R410A

DA0 = Daikin Residential

DA1 = Daikin Sky Air/VRV

FUJ = Fujitsu 3 wires

FU2 = Fujitsu GEN2

GR1 = Gree U-Match R32

GRE = Gree U-Match R410A

GR2 = Gree VRF

HAI = Haier

HS1 = Hisense 1x1

HS2 = Hisense VRF

HIT = Hitachi RPI

HI2 = Hitachi RAD

HI3 = Hitachi Primary

LGE = LG

MD1= Midea V5

MD2= Midea V6

MD4 = MideaV5 (HAHB)

MEL = Mitsubishi Electric

MHI = Mitsubishi Heavy

PAN = Panasonic PACi

PA0 = Panasonic RAC

Domestic

SA2= Samsung Nasa

TOS = Toshiba



AirQ Box M



AirQ Box S



AirQ Box Aidoo Pro Fan coil Blueface



AirQ Box Aidoo Pro Blueface



AirQ Sensor



Remote control



Individual units



Air heating and cooling



Pack Format

## Aidoo Packs

Reference	Description	Price (£)
AZAI6WSPFANBFC [B/N]	Pack Aidoo Pro Control Wi-Fi Fan coil - wired Blueface [white/black]	295.00
AZAI6WSP[XXX] <sup>1</sup> BFC[B/N]	Pack Aidoo Pro Control Wi-Fi Inverter/VRF - wired Blueface [white/black]	295.00



Aidoo Pro Fan coil Blueface



Aidoo Pro Blueface

Packs include Airzone 15m bus cable.

<sup>1</sup> An Aidoo Pro is required.

All prices are in British Pounds (GBP) without VAT.

# Aidoo



Remote control



Individual units



Air heating and cooling



DHW Control



Reference	Description	Price (£)
AZAI6WSC [XXX] <sup>1</sup>	Aidoo Wi-Fi [brand]	115.00
AZAI6KNX [XXX] <sup>1</sup>	Aidoo [brand] KNX Inverter/VRF	163.00
AZAI6KNX2 [XXX] <sup>2</sup>	Aidoo [brand] KNX v2.0 Air to water	185.00
AZAI6WSP [XXX] <sup>1</sup>	Aidoo [brand] Pro Inverter/VRF controller	168.00
AZAI6WSP [XXX] <sup>2</sup>	Aidoo [brand] Pro Air to water controller	185.00
AZAI6WSPFAN	Aidoo Pro control Wi-Fi Fan coil by Airzone	168.00
AZAI6WSPMB1	Aidoo Pro for Air conditioning with Modbus communications	168.00
AZAI6WSPMB2	Aidoo Pro for ventilation units with Modbus communications	168.00
AZAI6WSPMB3	Aidoo Pro for Air to water heat pump with Modbus communications	185.00
AZAI6BLUEZEROC [B/N]*	Airzone Aidoo wired thermostat - Blueface Zero [white/black]	176.00
AZAI6ZWE [XXX] <sup>1</sup>	Aidoo [brand] Z-Wave controller Airzone	142.00
AZAI6ZBE [XXX] <sup>1</sup>	Aidoo Zigbee [brand] by Airzone	142.00

Check the availability and compatibility with manufacturers' units at [airzonecontrol.com/projects/web-tools](http://airzonecontrol.com/projects/web-tools)

Replace [XXX] with the corresponding acronym, depending on the brand of the unit:

<sup>1</sup>[xxx] :

BA1 = Baxi R32  
 BAX = Baxi R410A  
 DA0 = Daikin Residential  
 DA1 = Daikin Sky Air/VRV  
 FUJ = Fujitsu 3 wires  
 FU2 = Fujitsu GEN2  
 GR1 = Gree U-Match R32  
 GRE = Gree U-Match R410A  
 GR2 = Gree VRF  
 HS1 = Hisense 1x1  
 HS2 = Hisense VRF

HIT = Hitachi RPI  
 HI2 = Hitachi RAD  
 HI3 = Hitachi Primary  
 LGE = LG  
 MD1= Midea V5  
 MD2= Midea V6  
 MD4 = MideaV5 (HAHB)  
 MEL = Mitsubishi Electric  
 MHI = Mitsubishi Heavy

PAN = Panasonic PACi  
 PA0 = Panasonic RAC Domestic  
 SA2= Samsung Nasa  
 TOS = Toshiba

<sup>2</sup>[xxx]:

DA2 = Daikin Altherma 3  
 DA4 = Daikin Altherma CB  
 HI4 = Hitachi Yutaki  
 MD3 = Midea M-Thermal  
 ME2 = Mitsubishi Electric Ecodan  
 PA2 = Panasonic Aquarea

BA1, BAX and HS1 not available with Aidoo Wi-Fi, Aidoo Z-Wave and Aidoo Zigbee.



Aidoo Wi-Fi



Aidoo KNX



Aidoo Pro



Aidoo Pro Fan coil



Aidoo Z-Wave



Aidoo Zigbee

All prices are in British Pounds (GBP) without VAT.

\*Compatible with Aidoo Pro for Inverter/VRF units and fan coils.



Zoned control



Air heating and cooling



Radiator



Underfloor heating/cooling



Pack format

## Flexa 4.0

This system now offers underfloor heating/cooling and radiator control functionalities.



Reference	Description	Price (£)
<b>Main control board</b>		
AZCE8CB1MOT	Flexa 4.0 main control board with actuator outputs - 8 zones	342.00
AZCE8CB1DIN	<b>+ New!</b> Flexa 4.0 main control board using DIN rail - 8 zones	173.00
<b>Control modules</b>		
AZCE8CM1VALC	<b>+ New!</b> Airzone Flexa 4.0 control module for wired thermostatic valve actuators 110/230V VALC	274.00
AZCE8CM1VALR	<b>+ New!</b> Airzone Flexa 4.0 control module for wireless thermostatic valve actuators VALR	112.00
AZCE8CM1DRY <sup>1</sup>	<b>+ New!</b> Airzone Flexa 4.0 dehumidifier module	113.00
<b>User interfaces</b>		
AZCE6BLUEZEROC [B/N]	Airzone Flexa Blueface Zero wired thermostat [black/white]	249.00
AZCE6THINKR [B/N]	Airzone Flexa Think monochrome wireless thermostat [black/white]	253.00
AZCE6LITEC [B/N]	Airzone Flexa Lite simplified wired thermostat [black/white]	171.00
AZCE6LITER [B/N]	Airzone Flexa Lite simplified wireless thermostat [black/white]	215.00
<b>Centralized control</b>		
AZX6WSC5GER	Webserver Airzone Cloud Wi-Fi Dual 2.4-5GHz	233.00
AZX6WSPHUB	Webserver HUB Airzone Cloud Dual 2.4-5 GHz/Ethernet	280.00
AZX6CCPGAWI	Airzone hydronic production control board	249.00
AZX6KNXGTWAY	Airzone - KNX integration gateway	233.00
<b>Airzone® communication gateway</b>		
AZX6GTC [XXX] <sup>2</sup> AZX6QADAPT3 [XXX] <sup>2</sup>	Airzone Controller / Communications gateway - [brand]	280.00
AZX6FANCOILZ	Airzone control gateway - 3 speed fan coil	147.00
AZX6010VOLTSZ	Airzone control gateway - 0-10 V fan coil	233.00
AZX6ELECTROMECH	Airzone control gateway - electromechanical unit	280.00
AZX6GAW [XXX] <sup>3</sup>	Airzone air to water gateway - [brand]	280.00
<b>Accessories</b>		
AZX6AC1VALC	Airzone wired 110/230V VALC thermostatic head for radiant elements M30x1.5 mm	39.00
AZX6AC1VALR	<b>+ New!</b> Airzone wireless thermostatic valve actuator VALR for radiators M30x1.5mm	54.00
AZCE8ACCOFF	Airzone on/off zone module 8 zones	78.00
AZX6CABLEBUS15	Airzone bus cable (2x0.5+2x0.22) 15 m	23.00
AZX6CABLEBUS100	Airzone bus cable (2x0.5+2x0.22) 100 m	107.00
AZX6CABLEBUS500	Airzone bus cable (2x0.5+2x0.22) 500 m	464.00
AZX6CABLEBUSHF	Airzone halogen-free bus cable (2x0.5 + 2x0.22) 100 m	156.00
AZX6CABLERN100	Airzone RN cable (2x0.22) 100 m	78.00
AZX6CABLERNHF	Airzone halogen-free RN cable (2x0.22) 100 m	146.00
AZX6ACCCON	Airzone energy consumption meter	149.00
AZX6SONDPROTECT	Airzone temperature metallic probe in sheath	24.00

<sup>1</sup>Consult availability.

All prices are in British Pounds (GBP) without VAT.

Consult availability and compatibility with manufacturers' units at [airzonecontrol.com](http://airzonecontrol.com)

<sup>2</sup>Substitute [xxx] for the acronym according to the unit brand:

BA1 = Baxi R32	FUJ =Fujitsu 3 wires	HI2 = Hitachi RAD	MD2= Midea V6	SA2= Samsung Nasa
BAX = Baxi R410A	GR1 = Gree U-Match R32	HS2 = Hisense VRF HIT =	MD4 = Midea V5 (HAHB)	SAM= Samsung
DA0 = Daikin Residential	GRE = Gree U-Match R410A	Hitachi RPI	MEL = Mitsubishi Electric	TOS = Toshiba
DA1 = Daikin Sky Air/VRV	GR2 = Gree VRF	HI3 = Hitachi Primary	MHI = Mitsubishi Heavy	
DA3 = Daikin Fan coil	HAI = Haier	LGE = LG	PA0 = Panasonic RAC Domestic	
HPC	HS1 = Hisense 1x1	MD1= Midea V5	PAN = Panasonic PACi	
FU2 = Fujitsu GEN2				

<sup>3</sup>Substitute [xxx] for the acronym according to the unit brand:

DA2 = Daikin Altherma 3
HI4 = Hitachi Yutaki
MD3 = Midea M-Thermal
OTH = OpenTherm
ME2 = Mitsubishi Electric Ecodan
PA2 = Panasonic Aquarea <i>Available soon</i>

Consult the compatibility tool:  
[airzonecontrol.com/gb/en/projects/](http://airzonecontrol.com/gb/en/projects/)



Main control board



Wired valve actuator control module



Module of radiant elements VALR (radiators)



Dehumidifier module



Airzone thermostats



Airzone Cloud Webserver Wi-Fi Dual 2.4-5 GHz



Airzone Cloud Webserver HUB



Hydronic production control board



Integration KNX gateways



3.0 controller gateway



3-speed fan coil gateway



0-10 V fan coil gateway



Electromechanical unit gateway



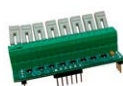
Air to water gateways



Wired thermostatic valve actuator



Wireless thermostatic valve actuator



On/Off zone module



Energy consumption meter



Airzone bus cable



Airzone RN cable



Temperature probe in sheath

All prices are in British Pounds (GBP) without VAT.

## Standard quote · Flexa 4.0

Zoned, ducted or Zoned + ducted fan coil for 4 zones with integrated underfloor heating/cooling. Radiator control through wireless heads without a thermostat.



Reference	Description	Unit	Price (£)
AZCE8CB1MOT	Airzone Flexa 4.0 main control board (CE8)	1	342.00
AZX6010VOLTSZ	Airzone 0-10V Fan coil control gateway	1	233.00
AZCE6BLUEZEROC [B/N]	Airzone Blueface Zero Thermostat wired white 8Z (CE6)	1	249.00
AZCE6LITEC [B/N]	Airzone Lite thermostat wired white (CE6)	3	171.00
AZCE8CMIVALC	Airzone Flexa 4.0 control module for wired valves 110/230v VALC	1	274.00
AZX6ACTIVALC	Airzone wired thermostatic valve actuator 110/230v VALC for radiant elements M30x1.5 mm	4	39.00
AZCE8CMIVALR	Airzone control module for wireless valves VALR (Flexa 4.0)	1	112.00
AZX6ACTIVALR	Airzone wireless thermostatic valve actuator VALR for radiators M30x1.5mm	1	54.00
CPRC030015MTE	Motorized rectangular damper Airzone 300x150 mm	4	230.00
AZX6WSPHUB	Webserver HUB Airzone Cloud Dual 2.4-5 GHz/Ethernet	1	280,00
AZX6CABLEBUS100	Airzone bus wired (2x0,5+2x0,22) 100 m	1	107.00
AZX6CABLERN100	Airzone RN wired (2x0,75) 100 m	1	78.00
<b>TOTAL</b>			<b>3,318.00</b>

Underfloor heating/cooling control for 4 zones. Relative humidity control through a dehumidifier.

Reference	Description	Unit	Price (£)
AZCE8PVALCW	Pack Airzone Starter Flexa 4.0 VALC for underfloor heating and cooling with Webserver HUB	1	544.00
AZCE8CMIDRY	Airzone dehumidifier control module	1	113.00
PTBLF4B	Pack thermostats Blueface (1) Lite wired white (3) + (4) wire 15m	1	725.00
AZX6ACTIVALC	Airzone wired thermostatic valve actuator 110/230v VALC for radiant elements M30x1.5 mm	4	39.00
<b>TOTAL</b>			<b>1,538.00</b>

Radiator control for 4 zones. Optional thermostats for radiator control.

Reference	Description	Unit	Price (£)
AZCE8PVALRW	Pack Airzone Starter Connected Flexa 4.0 VALR with Webserver HUB	1	405.00
AZX6ACTIVALR	Airzone wireless thermostatic valve actuator VALR for radiators M30x1.5mm	4	54.00
AZCE6BLUEZEROC [B/N]	Airzone Blueface Zero Thermostat wired white 8Z (CE6)	1	249.00
AZCE6LITER [B/N]	Airzone Lite thermostat wireless white (CE6)	3	215.00
<b>TOTAL</b>			<b>1,515.00</b>

## Commissioning service

**Optimize your installation time** with our commissioning service. Consult Airzone's **commissioning service rate** according to the number of systems:

AZST0102	Airzone Technical Support Service for 1 to 2 systems or 1 to 5 Aidoos	334,00
AZST0305	Airzone Technical Support Service for 3 to 5 systems or 6 to 10 Aidoos	477,00
AZST0610	Airzone Technical Support Service for 6 to 10 systems or 11 to 20 Aidoos	953,00
AZST1120	Airzone Technical Support Service for 11 to 20 systems	1.429,00

All prices are in British Pounds (GBP) without VAT.

## Radiator starter pack



### AZCE8PVALR

Airzone Flexa 4.0 starter pack for radiators.

Includes: One Airzone Flexa 4.0 main control board using DIN rail, one Airzone wireless head control module and one Airzone bus cable.

Pack price 208.00

Reference	Description	Unit
AZCE8CB1DIN	Flexa 4.0 main control board using DIN rail - 8 zones	1
AZCE8CMIVALR	Airzone wireless VALR valve control module	1
AZX6CABLEBUS15	Airzone bus cable (2x0.5+2x0.22) 15 m	1



### AZCE8PVALRW

Airzone Connected Flexa 4.0 starter pack for radiators with Webserver HUB.

Includes: One Airzone Flexa 4.0 main control board using DIN rail, one Airzone wireless head control module, one Webserver HUB Airzone Cloud Dual 2.4-5 GHz/Ethernet and one Airzone bus cable.

Pack price 405.00

Reference	Description	Unit
AZCE8CB1DIN	Flexa 4.0 main control board using DIN rail - 8 zones	1
AZCE8CMIVALR	Airzone wireless VALR valve control module	1
AZX6WSPHUB	Webserver HUB Airzone Cloud Dual 2.4-5 GHz/Ethernet	1
AZX6CABLEBUS15	Airzone bus cable (2x0.5+2x0.22) 15 m	1

## Commissioning service

**Optimize your installation time** with our commissioning service. Consult Airzone's **commissioning service rate** according to the number of systems:

AZST0102	Airzone Technical Support Service for 1 to 2 systems or 1 to 5 Aidoos	334,00
AZST0305	Airzone Technical Support Service for 3 to 5 systems or 6 to 10 Aidoos	477,00
AZST0610	Airzone Technical Support Service for 6 to 10 systems or 11 to 20 Aidoos	953,00
AZST1120	Airzone Technical Support Service for 11 to 20 systems	1.429,00

Consult the compatibility tool:  
[airzonecontrol.com/gb/en/projects/](https://airzonecontrol.com/gb/en/projects/)

## Underfloor heating and cooling starter pack



### AZCE8PVALC

Airzone Flexa 4.0 starter pack for underfloor heating and cooling.

Includes: One Airzone Flexa 4.0 main control board using DIN rail, one Airzone wired head control module and one Airzone bus cable.

Pack price	338.00
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Reference	Description	Unit
AZCE8CB1DIN	Flexa 4.0 main control board using DIN rail - 8 zones	1
AZCE8CMIVALC	Airzone Flexa 4.0 control module of 110/230V wired valves - 8 zones	1
AZX6CABLEBUS15	Airzone bus cable (2x0.5+2x0.22) 15 m	1



### AZCE8PVALCW

Connected Flexa 4.0 Starter Pack for underfloor heating and cooling with Webserver HUB.

Includes: One Airzone Flexa 4.0 main control board using DIN rail, one Airzone wired head control module, one Webserver HUB and one Airzone bus cable.

Pack price	544.00
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Reference	Description	Unit
AZCE8CB1DIN	Flexa 4.0 main control board using DIN rail - 8 zones	1
AZCE8CMIVALC	Airzone Flexa 4.0 control module of 110/230V wired valves - 8 zones	1
AZX6WSPHUB	Webserver HUB Airzone Cloud Dual 2.4-5 GHz/Ethernet	1
AZX6CABLEBUS15	Airzone bus cable (2x0.5+2x0.22) 15 m	1

## Commissioning service

**Optimize your installation time** with our commissioning service. Consult Airzone's **commissioning service rate** according to the number of systems:

AZST0102	Airzone Technical Support Service for 1 to 2 systems or 1 to 5 Aidoos	334,00
AZST0305	Airzone Technical Support Service for 3 to 5 systems or 6 to 10 Aidoos	477,00
AZST0610	Airzone Technical Support Service for 6 to 10 systems or 11 to 20 Aidoos	953,00
AZST1120	Airzone Technical Support Service for 11 to 20 systems	1.429,00

Consult the compatibility tool:  
[airzonecontrol.com/gb/en/projects/](https://airzonecontrol.com/gb/en/projects/)

All prices are in British Pounds (GBP) without VAT.





Air quality



Zoned control



Air heating and cooling



Underfloor heating/cooling



Radiator

## Easyzone IAQ

PLENUM TYPES Dimensions	No. dampers	Standard + CMV	Slim + CMV	Medium
	2/3	930 x 300 x 454	720 x 210 x 444	930 x 250 x 454
	4	1.140 x 300 x 454	930 x 210 x 444	1140 x 250 x 454
	5	1.425 x 300 x 454	1.140 x 210 x 444	1,425 x 250 x 454
	6	1.638 x 300 x 454	-	1638 x 250 x 454
	7/8	1.425 x 515 x 454	-	-

Measurements expressed in: L x H x W (mm).

Check your compatibility and the number of plenum dampers to confirm measurements at [airzonecontrol.com](http://airzonecontrol.com)

### STANDARD · ST + CMV

- Dampers: Ø200 mm
- CMV inlet: Ø 150 mm
- Height: 300 mm



### SLIM · SL + CMV

- Dampers: Ø150 mm
- CMV inlet: Ø 150 mm
- Height: 210 mm



### MEDIUM · BS

- Dampers: Ø200 mm
- Height: 250 mm



The plenum includes a Flexa main control board, a communication gateway, ionizers and a particle sensor.

Technology	Reference	No. dampers	Standard + CMV	Slim + CMV	Medium
Direct expansion /Fan coil	AZEZ8 [XXX] [ST/SL/BS] [range] [size] [no. dampers]	2	1,077.00/1,028.00	1,077.00/1,028.00	1,077.00/1,028.00
		3	1,258.00/1,108.00	1,258.00/1,108.00	1,258.00/1,108.00
		4	1,424.00/1,181.00	1,424.00/1,181.00	1,424.00/1,181.00
		5	1,518.00/1,260.00	1,518.00/1,260.00	1,518.00/1,260.00
		6	1,613.00/1,339.00	-	1,613.00/1,339.00
		7	1,783.00/1,414.00	-	-
		8	1,923.00/1,490.00	-	-

Reference	Description	Price (£)
<b>Control modules</b>		
AZCE8CM1VALC + New!	Airzone Flexa 4.0 control module of 110/230V wired valves - 8 zones	274.00
AZCE8CM1VALR + New!	Airzone wireless VALR valve control module	112.00
AZCE8CM1DRY <sup>1</sup> + New!	Airzone Flexa 4.0 dehumidifier module	113.00
<b>User interfaces</b>		
AZCE6BLUEZEROC [B/N]	Airzone Blueface Zero Flexa 3.0 wired thermostat [white/black]	249.00
AZCE6THINKR [B/N]	Airzone Think wireless Flexa 3.0 monochrome thermostat [white/black]	253.00
AZCE6LITEC [B/N]	Airzone Lite Flexa 3.0 Thermostat wired [white/black]	171.00
AZCE6LITER [B/N]	Airzone Lite Flexa 3.0 Thermostat wireless [white/black]	215.00
<b>Centralised control</b>		
AZX6WSC5GER	Webserver Airzone Cloud Wi-Fi Dual 2.4-5 GHz	233.00
AZX6WSPHUB	Webserver HUB Airzone Cloud Dual 2,4-5 GHz/Ethernet	280.00
AZX6CCPGAWI	Airzone hydraulic production control board	249.00
AZX6KNXGTWAY	Integration gateway Airzone-KNX	233.00

All prices are in British Pounds (GBP) without VAT.

<sup>1</sup>Consult availability.



Reference	Description	Price (£)
<b>Airzone® communication gateway</b>		
AZX6GTC [XXX] <sup>1</sup>	Airzone - [brand] controller gateway	280.00
AZX6QADAPT3 [XXX] <sup>2</sup>	Airzone communication gateway - [brand]	280.00
AZX6FANCOILZ	Airzone control gateway for 3-speed radiant fan coil	147.00
AZX6010VOLTSZ	Airzone 0-10V fan coil control gateway	233.00
AZX6ELECTROMECC	Airzone control gateway for electromechanical unit	280.00
AZX6GAW [XXX] <sup>3</sup>	Airzone - [brand] air to water hp gateway	280.00
<b>Accessories</b>		
AZX6ACTIVALC	Airzone wired thermostatic valve actuator 110/230V VALC for radiant elements M30x1.5 mm	39.00
AZX6ACTIVALR	Airzone VALR wireless thermostatic head for radiators	54.00
AZX6CABLEBUS15	Airzone bus wire (2x0,5+2x0,22) 15 m	23.00
AZX6CABLEBUS100	Airzone bus wire (2x0,5+2x0,22) 100 m	107.00
AZX6CABLEBUS500	Airzone bus wire (2x0,5+2x0,22) 500 m	464.00
AZX6ACCCON	Airzone consumption meter	149.00
AZX6SONDPROTECT	Airzone temperature metallic probe in sheath	24.00
AZX6AIQSNSB	AirQ Indoor Air Quality Sensor	459.00

Consult the Easyzone references configurator at [airzonecontrol.com](http://airzonecontrol.com)

<sup>1</sup>Substitute [xxx] for the acronym according to the unit brand:

- |                           |                       |                       |                        |                      |
|---------------------------|-----------------------|-----------------------|------------------------|----------------------|
| BA1 = Baxi R32            | FUJ = Fujitsu 3 wires | HIT = Hitachi RPI     | MD2= Midea V6          | PAN = Panasonic PACi |
| BAX = Baxi R410A          | HAI = Haier           | HI3 = Hitachi Primary | MD4 = Midea V5 (HAHB)  | SA2= Samsung Nasa    |
| DA1 = Daikin Sky Air/VRV  | HS1 = Hisense 1x1     | LGE = LG              | MHI = Mitsubishi Heavy | TOS = Toshiba        |
| DA3 = Daikin Fan coil HPC | HS2 = Hisense VRF     |                       |                        |                      |

<sup>2</sup>Substitute [xxx] for the acronym according to the unit brand:

- |                          |                          |                           |                              |
|--------------------------|--------------------------|---------------------------|------------------------------|
| DA0 = Daikin Residential | GRE = Gree U-Match R410A | MD1= Midea V5             | PA0 = Panasonic RAC Domestic |
| FU2 = Fujitsu GEN2       | GR2 = Gree VRF           | MEL = Mitsubishi Electric | SAM= Samsung                 |
| GR1 = Gree U-Match R32   | HI2 = Hitachi RAD        |                           |                              |

<sup>3</sup>Substitute [xxx] for the acronym according to the unit brand:

- DA2 = Daikin Altherma 3  
 HI4 = Hitachi Yutaki  
 MD3 = Midea M-Thermal  
 OTH = OpenTherm  
 ME2 = Mitsubishi Electric Ecodan  
 PA2 = Panasonic Aquarea *Available soon*



Air to water gateways



Wired thermostatic head



Wired thermostatic head



3.0 controller gateway



AirQ Sensor



Consumption meter



Temperature probe in sheath



Wired valve actuator control module



Wireless valve actuator control module



Airzone thermostats



Airzone Cloud Webserver Wi-Fi Dual 2.4-5 GHz



Airzone Cloud Webserver HUB



Airzone bus cable

Consult the compatibility tool:  
[airzonecontrol.com/gb/en/projects/](http://airzonecontrol.com/gb/en/projects/)

All prices are in British Pounds (GBP) without VAT.

## Standard quote · Easyzone IAQ

Flexible ducted inverter unit for 4 zones.



Reference	Description	Unit	P/U
AZEZ8 [XXX] ST01M4	Easyzone IAQ Standard + CMV IB8 [brand] x200 01 M 4	1	1,424.00
AZCE6BLUEZEROC [B/N]	Airzone Blueface Zero wired thermostat [black/white]	1	249.00
AZCE6THINKR [B/N]	Airzone Think monochrome wireless thermostat [black/white]	2	253.00
AZCE6LITER [B/N]	Airzone Lite simplified wireless thermostat [black/white]	1	215.00
RDHV030015BKX	Horizontal-vertical double deflection supply grille	4	24.00
AZX6WSC5GER	Airzone Cloud Webserver Wi-Fi Dual 2.4-5 GHz	1	233.00
AZX6CABLEBUS15	Airzone bus cable (2x0.5+2x0.22) 15 m	1	23.00
AZX6ACCCON	Airzone consumption meter	1	149.00
<b>TOTAL</b>			<b>2,895.00</b>

## Commissioning service

**Optimize your installation time** with our commissioning service. Consult Airzone's **commissioning service rate** according to the number of systems:

AZST0102	Airzone Technical Support Service for 1 to 2 systems or 1 to 5 Aidoos	334,00
AZST0305	Airzone Technical Support Service for 3 to 5 systems or 6 to 10 Aidoos	477,00
AZST0610	Airzone Technical Support Service for 6 to 10 systems or 11 to 20 Aidoos	953,00
AZST1120	Airzone Technical Support Service for 11 to 20 systems	1.429,00



Reference	Description	Price (£)
<b>Main controller of the system</b>		
AZDI6ACUAZONE	Airzone Acuazone main control board - 32 zones	342.00
<b>Control modules</b>		
AZDI6OUTPUT8	Airzone control module of radiant elements - 32 zones	233.00
<b>User interfaces</b>		
AZDI6BLUEZEROC [B/N] <sup>1</sup>	Airzone Acuazone Blueface Zero wired thermostat [white/black]	233.00
AZDI6THINKR [B/N]	Airzone Acuazone Think wireless monochrome thermostat [white/black]	253.00
AZDI6LITEC [B/N]	Airzone Acuazone Lite Thermostat wired [white/black]	171.00
AZDI6LITER [B/N]	Airzone Acuazone Lite Thermostat wireless [white/black]	215.00
<b>Local modules</b>		
AZDI6ZMO [XXX] <sup>2</sup> C	Airzone [brand] individual unit module wired for gateway	212.00
AZDI6ZMO [XXX] <sup>2</sup> R	Airzone [brand] individual unit module wireless for gateway	247.00
AZDI6MCIFRC	Airzone infrared individual unit zone module wired	187.00
AZDI6MCIFRR	Airzone infrared individual unit zone module wireless	233.00
AZDI6ZMOFANC	Fan coil individual unit zone module wired	176.00
AZDI6ZMOFANR	Fan coil individual unit zone module wireless	212.00
AZDI6MCFANC	Airzone 3 speed fan coil individual unit zone module wired	112.00
AZDI6MCFANR	Airzone 3 speed fan coil individual unit zone module wireless	147.00
AZDI6MZZONC	Airzone Acuazone local module wired	66.00
AZDI6MZZONR	Airzone Acuazone local module wireless	89.00
AZDI6MZSREC	Airzone electrical heating zone module wired	66.00
AZDI6MZSRER	Airzone electrical heating zone module wireless	89.00

Check the availability and compatibility with manufacturers' units at [airzonecontrol.com/projects/web-tools](http://airzonecontrol.com/projects/web-tools)

<sup>1</sup> One Blueface thermostat per main controller of the Acuazone system is necessary.

<sup>2</sup> Replace [XXX] with the corresponding acronym, depending on the brand of the unit:

BA1 = Baxi R32	FU2 = Fujitsu GEN2	HS2 = Hisense VRF	MD2 = Midea V6	PA0 = Panasonic RAC
BAX = Baxi R410A	GR1 = Gree U-Match R32	HIT = Hitachi RPI	MD4 = Midea V5 (HAHB)	Domestic
DA0 = Daikin Residential	GRE = Gree U-Match R410A	HI2 = Hitachi RAD	MEL = Mitsubishi Electric	SAM = Samsung
DA1 = Daikin Sky Air/VRV	GR2 = Gree VRF	HI3 = Hitachi Primary	MHI = Mitsubishi Heavy	SA2 = Samsung Nasa
DA3 = Daikin Fan coil	HAI = Haier	LGE = LG	PAN = Panasonic PACi	TOS = Toshiba
HPC FUJ = Fujitsu 3 wires	HS1 = Hisense 1x1	MD1 = Midea V5		



System Control Board



Radiant element module



Airzone Thermostats



Local module individual unit



Local module for individual Fan coil unit



Local module for infrared individual unit



Local module 3-speed individual Fan coil unit



Local module for electric heating



Local module for motor

All prices are in British Pounds (GBP) without VAT.

Reference	Description	Price (£)
<b>Centralised control</b>		
AZX6WSC5GER	Webserver Airzone Cloud Wi-Fi Dual 2.4-5 GHz	233.00
AZX6WSPHUB	Webserver HUB Airzone Cloud Dual 2,4-5 GHz/Ethernet	280.00
AZX6CCPGAWI	Airzone hydraulic production control board	249.00
AZX6KNXGTWAY	Integration gateway Airzone-KNX	233.00
<b>Airzone® communication gateway</b>		
AZX6GTC [XXX] <sup>1</sup>	Airzone - [brand] controller gateway	280.00
AZX6QADAPT3 [XXX] <sup>2</sup>	Airzone communication gateway - [brand]	280.00
AZX6FANCOILZ	Airzone control gateway for 3-speed radiant Fan coil	147.00
AZX6010VOLTSZ	Airzone 0-10V fan coil control gateway	233.00
AZX6ELECTROMECH	Airzone control gateway for electromechanical unit	280.00
AZX6GAW [XXX] <sup>3</sup>	Airzone - [brand] air to water hp gateway	280.00

Check the availability and compatibility with manufacturers' units at [airzonecontrol.com/projects/web-tools](http://airzonecontrol.com/projects/web-tools)

<sup>1</sup> Replace [XXX] with the corresponding acronym, depending on the brand of the unit:

BA1 = Baxi R32	FUJ = Fujitsu 3 wires	HIT = Hitachi RPI
BAX = Baxi R410A	HAI = Haier	HI3 = Hitachi Primary
DA1 = Daikin Sky Air/VRV	HS1 = Hisense 1x1	LGE = LG
DA3 = Daikin Fan coil HPC	HS2 = Hisense VRF	

<sup>2</sup> Replace [XXX] with the corresponding acronym, depending on the brand of the unit:

DA0 = Daikin Residential	GRE = Gree U-Match R410A	MD1 = Midea V5
FU2 = Fujitsu GEN2	GR2 = Gree VRF	MEL = Mitsubishi Electric
GR1 = Gree U-Match R32	HI2 = Hitachi RAD	

<sup>3</sup> Replace [XXX] with the corresponding acronym, depending on the brand of the unit:

DA2 = Daikin Altherma 3  
 HI4 = Hitachi Yutaki  
 MD3 = Midea M-Thermal  
 OTH = OpenTherm  
 ME2 = Mitsubishi Electric Ecodan  
 PA2 = Panasonic Aquarea *Coming soon*



Airzone Cloud  
Webserver



Airzone Cloud  
Webserver HUB



Main controller for hydraulic  
production



Integration  
KNX gateways



Controller gateway 3.0



Gateway for 3-speed  
Fan coil unit



Gateway for  
Fan coil 0-10 V unit



Gateway for  
electromechanical unit



Air-to-Water heat pump  
gateways



Reference	Description	Price (£)
<b>Accessories</b>		
AZX6ACTIVALC	Airzone wired thermostatic valve actuator 110/230V VALC for radiant elements M30x1.5 mm	39.00
AZX6CABLEBUS15	Airzone bus wire (2x0,5+2x0,22) 15 m	23.00
AZX6CABLEBUS100	Airzone bus wire (2x0,5+2x0,22) 100 m	107.00
AZX6CABLEBUS500	Airzone bus wire (2x0,5+2x0,22) 500 m	464.00
AZX6CABLEBUSHF	Airzone halogen-free bus wire (2x0,5+2x0,22) 100 m	156.00
AZX6CABLERN100	Airzone RN wire (2x0.75) 100 m	78.00
AZX6CABLERNHF	Airzone halogen-free RN wire (2x0.75) 100 m	146.00
AZX6SONDPROTECT	Airzone temperature metallic probe in sheath	24.00
AZX6ACCTPE	Built-in temperature sensor	71.00
AZX6POWER	Airzone 12V power supply unit	78.00



Wired electrothermal motor



Airzone bus cable



Airzone RN Cable



Metal tip temperature sensor



Temperature sensor

## Standard quote · Acuazone

Control of 3 zones with individual Inverter units and zone radiant system.

Reference	Reference	Unit	Price (£)
AZDI6ACUAZONE	Airzone Acuazone main control board - 32 zones	1	342.00
AZDI6ZMO [XXX] C	Airzone [brand] individual unit module wired for gateway	3	212.00
AZDI6BLUEZEROC [B/N]	Airzone Acuazone Blueface Zero wired thermostat [white/black]	1	233.00
AZDI6LITEC [B/N]	Airzone Acuazone Lite Thermostat wired [white/black]	2	171.00
AZDI6OUTPUT8	Airzone control module of radiant elements - 32 zones	1	233.00
AZX6CCPGAWI	Airzone hydronic production control board	1	249.00
RL00030015BKX	Fixed linear slat grille 0° 300x150 mm white	3	29.00
AZX6CABLEBUS100	Airzone bus wire (2x0.5+2x0.22) 100 m	1	107.00
<b>TOTAL</b>			<b>2,229.00</b>

## Pre-sales service

Our team of engineers will support you to find the most suitable solution for your project. From installation advice to technical calculations, our team is here to help!

Reference	Reference	Price (£)
AZSPTRAINING	Technical Training and/or pre-sales service	224.00

All prices are in British Pounds (GBP) without VAT.

## Motorised Air diffusion

### Motorised dampers



#### Motorised circular duct damper

Motorised circular CPCC duct damper which, attached to a circular duct, controls the passage of air in the specified zone. The circular duct damper includes a flow control system that allows manual configuration of the maximum and minimum opening values for each damper, according to the needs of each application.

CPCC [LENGTH] [HEIGHT] MTE



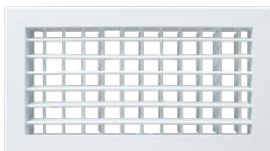
#### Motorized rectangular duct damper

CPRC motorized rectangular duct damper to control the air inlet of the zone when attached to an air distribution rectangular duct.

CPRC [DIAMETER] MTE

## Air diffusion

### Grilles



#### Horizontal-vertical double deflection fan grille

RDHV diffusion grille in extruded aluminium with standard 26 mm frame and horizontal and vertical movable blades, individually adjustable, which allows the range and airflow to be adapted to specific needs. The following options are available:

- All/Nothing: the damper occupies 100% of the grille.
- Minimum air: the damper occupies 80% of the grille.
- 2 in 1: the damper occupies 50% of the grille.

RDHV



### Return grille with filter holder

RRFR diffusion grille in extruded aluminium with standard 26 mm frame and horizontal movable blades, individually adjustable, which allows the range and airflow to be adapted to specific needs.

Fitted with a filter to protect and prevent air intake with a high concentration of suspended particles and other foreign bodies.

RRFR

## Grilles



### 15° Fixed linear blade grille

Diffusion grille in extruded aluminium with standard 26mm frame and blades that promote airflow. The following options are available:

- All/Nothing: the damper occupies 100% of the grille.
- Minimum air: the damper occupies 80% of the grille.
- 2 in 1: the damper occupies 50% of the grille.

RLQ1/RLQ2/RLQV

## Linear diffusers



### Airzone linear diffuser

Long-range DFLI linear diffuser with 1 to 4 outlet slots, which allows for air flow in two directions, with the help of movable blades. Designed to be installed on a ceiling. Installation using a mounting bridge or a plenum. It is necessary to have the PLEN linear diffuser plenum.

DFLI



## Diffuser plenums



### Grilles plenum with circular duct connection

Plenum for PREJ diffusion grilles made of galvanised steel, with mechanical flow control. Circular/elliptical connection for circular duct, adaptable to the front or top openings. PREJ-Ts have type 25 Bs1d0 + 5 mm thick PS Alu insulation. Compatible with the family of diffusion grilles without motorisation and without adjustment elements.

PREJ-T



### Insulated mixing box

Designed to collect return air and/or air from the by-pass and reintroduce it into the intake of the indoor unit. The device is supplied with pre-cut outlets (5 elliptical and 2 circular) and 3 elliptical openings, to be mounted on the front or sides. The filter holder return grille (RRFR) can only be mounted on BR 400 or 500 plenums.

BR

# Postage Policy

Postage paid From	Economy			Express					
	Half Boxes	XS (Extra small)	S (Small)	M (Medium)	L (Large)	XL (Extra large)	XXL (Double extra large)	XXXL (Triple extra large)	
	Medium Price	Box 16x12x6	Box 20x20x12	Box 30x30x28	Box 74x52x27,5	Box 130x40x50	Box 90x80x50	Box 157x53x53	
Maximum 1000kg	0.001152	0.0048	0.0252	0.0986	0.2310	0.2959	0.4438		

## Spain

Malaga	450.00	10.00	3.00	5.00	11.00	25.00	60.00	88.00	135.00
South	450.00	15.00	5.00	8.00	12.00	25.00	60.00	88.00	140.00
Center	450.00	20.00	7.00	10.00	14.00	25.00	70.00	90.00	140.00
North	450.00	23.00	8.00	12.00	14.00	25.00	70.00	90.00	140.00
Ceuta and melilla	600.00	80.00	20.00	28.00	53.00	95.00	To be quoted	To be quoted	To be quoted
Balearics	500.00	20.00	10.00	20.00	30.00	45.00	80.00	90.00	140.00
Canary Islands	500.00	70.00	20.00	40.00	65.00	140.00	315.00	370.00	550.00

## Europe

Germany	900.00	75.00	20.00	28.00	53.00	113.00	205.00	243.00	293.00
Albanian	Due	160.00	30.00	60.00	95.00	175.00	295.00	235.00	465.00
Andorra	700.00	73.00	18.00	26.00	48.00	93.00	165.00	213.00	285.00
Austria	900.00	85.00	20.00	28.00	53.00	113.00	205.00	243.00	305.00
Belgium	600.00	70.00	20.00	28.00	53.00	105.00	205.00	243.00	285.00
Bosnian& Herzegovina	Due	130.00	30.00	55.00	100.00	190.00	325.00	365.00	455.00
Bulgaria	1,000.00	100.00	25.00	45.00	80.00	135.00	255.00	283.00	355.00
Cyprus	Due	130.00	25.00	45.00	78.00	135.00	255.00	285.00	355.00
Croatia	1,000.00	95.00	25.00	45.00	78.00	135.00	255.00	283.00	355.00
Denmark	1,500.00	95.00	25.00	40.00	75.00	135.00	255.00	305.00	355.00
Slovakia	1,000.00	85.00	25.00	45.00	78.00	135.00	255.00	305.00	355.00
Slovenia	1,000.00	85.00	25.00	45.00	78.00	135.00	255.00	305.00	355.00
Estonia	1,000.00	95.00	25.00	45.00	78.00	135.00	255.00	305.00	355.00
Finland	1,500.00	105.00	25.00	40.00	75.00	135.00	255.00	305.00	355.00
France	600.00	75.00	18.00	25.00	45.00	105.00	200.00	250.00	310.00
Gibraltar	1,000.00	95.00	20.00	27.00	53.00	93.00	255.00	283.00	305.00
Greece	1,000.00	95.00	25.00	40.00	73.00	135.00	255.00	305.00	355.00
Netherlands	900.00	65.00	20.00	28.00	53.00	98.00	185.00	225.00	270.00
Hungary	1,000.00	85.00	25.00	45.00	78.00	135.00	255.00	305.00	355.00
Ireland	1,000.00	95.00	25.00	43.00	78.00	135.00	255.00	305.00	355.00
Italy	800.00	85.00	20.00	30.00	55.00	95.00	145.00	190.00	260.00
Latvia	Due	95.00	25.00	45.00	80.00	135.00	255.00	305.00	355.00
Lithuania	Due	95.00	25.00	45.00	80.00	135.00	255.00	305.00	355.00
Liechtenstein	Due	130.00	30.00	50.00	78.00	135.00	255.00	305.00	355.00
Luxembourg	900.00	65.00	20.00	27.00	48.00	95.00	185.00	225.00	265.00

All prices are in British Pounds (GBP) without VAT.

Macedonia	Due	110.00	30.00	55.00	98.00	185.00	355.00	405.00	455.00
<b>Europe</b>									
Malt	1,000.00	95.00	25.00	38.00	78.00	135.00	255.00	305.00	365.00
Monaco	1,500.00	130.00	25.00	38.00	78.00	145.00	265.00	305.00	385.00
Montenegro	Due	160.00	30.00	50.00	95.00	185.00	285.00	305.00	455.00
Norway	1,500.00	145.00	30.00	50.00	95.00	180.00	355.00	405.00	455.00
Poland	1,000.00	85.00	25.00	38.00	78.00	138.00	253.00	285.00	355.00
Portugal	500.00	40.00	18.00	23.00	48.00	83.00	163.00	185.00	225.00
United Kingdom	1,000.00	95.00	20.00	33.00	58.00	115.00	215.00	245.00	305.00
Czech Republic	1,000.00	85.00	25.00	38.00	78.00	135.00	255.00	305.00	385.00
Romania	1,000.00	95.00	25.00	38.00	78.00	135.00	255.00	305.00	385.00
San Marino	1,500.00	140.00	25.00	43.00	78.00	145.00	265.00	325.00	395.00
Serbian	Due	100.00	30.00	55.00	98.00	187.00	355.00	405.00	455.00
Sweden	1,500.00	115.00	25.00	40.00	80.00	135.00	255.00	305.00	365.00
Swiss	800.00	115.00	30.00	48.00	95.00	178.00	355.00	405.00	455.00
Vatican	Due	130.00	25.00	38.00	78.00	125.00	255.00	305.00	405.00
<b>Rest of the world</b>									
USA	1,000.00	100.00	25.00	45.00	85.00	125.00	200.00	260.00	360.00
Canada	1,500.00	150.00	30.00	55.00	110.00	155.00	290.00	300.00	430.00
Australia	Due	To be quoted	45.00	65.00	155.00	250.00	400.00	460.00	580.00
New Zealand	Due	To be quoted	45.00	65.00	155.00	250.00	400.00	460.00	580.00
Mexico	Due	To be quoted	40.00	60.00	120.00	190.00	310.00	350.00	470.00
Morocco	10,000.00	To be quoted	30.00	50.00	95.00	160.00	280.00	350.00	420.00
Tunisia	10,000.00	To be quoted	35.00	70.00	100.00	190.00	300.00	360.00	530.00
Turkey	Due	To be quoted	35.00	70.00	100.00	190.00	300.00	360.00	550.00
China	Due	To be quoted	35.00	60.00	120.00	230.00	380.00	400.00	510.00
Hong Kong	Due	To be quoted	35.00	60.00	120.00	230.00	380.00	400.00	530.00
United Arab Emirates	Due	To be quoted	30.00	70.00	100.00	190.00	300.00	360.00	520.00
Qatar	Due	To be quoted	35.00	60.00	130.00	230.00	380.00	400.00	530.00
Saudi Arabia	Due	To be quoted	30.00	70.00	100.00	200.00	300.00	360.00	520.00

**Freight Paid From, Exceptions:**

Italy: Except for the municipalities of Livigno and Campione d'Italia, as well as the national waters of Lake Lugano between the shore and the political border of the area between Ponte Tresa and Porto Ceresio.

Germany: Except the island of Helgoland and the territory of Büsingen.

France: Except New Caledonia, Saint Pierre and Miquelon, Wallis and Futuna, French Polynesia, and French Southern and Antarctic Territories, but including the overseas departments of Guadeloupe, French Guiana, Martinique, Mayotte, and the Reunion Islands.

**Zones of Spain:**

Malaga: Province of Malaga

South: Andalusia (except Malaga)

Center: Castilla la Mancha, Madrid, Extremadura, Murcia, Valencian Community.

North: Castilla y León, Aragon, Catalonia, Galicia, Asturias, Basque Country, La Rioja and Cantabria.

Ceuta and Melilla: Ceuta and Melilla

Balearic Islands: Balearic Islands

Canaries: Canary Islands

# General Terms and Conditions of Sale

These General Terms and Conditions of Sale (hereinafter the "GTC") apply to any contract of sale and/or provision of services between CORPORACION EMPRESARIAL ALTRA, S.L., a Spanish Company, with Tax ID B92611102 and VAT EU number ESB92611102, (hereinafter Altra Corporation or the "Seller") and professional customers (hereinafter individually the "Customer(s)" or the "Buyer(s)").

The Customer declares to be a professional acting in the context of their activity and not an end user.

Unless otherwise agreed in writing, when an order is sent by the customer, this implies their adherence to these GTC and this, notwithstanding any contrary condition set by the Customer which will be, in the absence of express acceptance, unenforceable against Altra Corporation regardless of when it may have been brought to their attention. It is only after written acceptance of the order by Altra Corporation accompanied by these GTC that both parties are bound by the sales contract.

Any order placed by the Customer in accordance with the conditions provided for in the article "Orders" below, implies its unreserved acceptance of these GTC.

The information on catalogues and commercial proposals is given for information purposes only, Altra Corporation reserves the right to modify them at any time and without notice.

Any modification of the GTC must be the subject of an express written agreement of Altra Corporation. The Customer will thus not be able to rely on an alleged tacit agreement resulting from the silence of Altra Corporation.

## Orders

All orders must reach us at the address [orders@airzonecontrol.com](mailto:orders@airzonecontrol.com) or via the [www.airzonecontrol.com](http://www.airzonecontrol.com) platform. During each order, the Seller sends by e-mail and as soon as possible, an order acknowledgment indicating: the summary of the order, the prices and the expected date of exit from our factory stock. To place the order, the Buyer must create a customer account by following the instructions on the Altra Corporation website [www.airzonecontrol.com](http://www.airzonecontrol.com). The Buyer is obliged to report any errors or omissions in the order acknowledgement within 24 hours of the reception of the order confirmation. After this period, no dispute can be accepted, and the order will be considered accepted by the Seller and the Buyer and therefore final. The Buyer has the right to cancel his order within a maximum of 24 hours after receipt of the order acknowledgment by an email request to the address: [orders@airzonecontrol.com](mailto:orders@airzonecontrol.com). Orders are likely to be delivered in split shipments, depending on the characteristics of the order or at the request of the Customer, for a transport surcharge for any request for early delivery. When the selection of the proposed material is made by

Altra Corporation based on the information provided by the Buyer, Altra Corporation assumes no responsibility that may result from inaccurate or incomplete data. It is always the Buyer's responsibility to ensure that the characteristics of the proposed equipment correspond to its needs, both in terms of performance and of implementation possibilities.

The sale will be made at Buyer's own risk. The photos presented in our catalogues are not contractual.

## Price

The prices invoiced to the Customer are prices excluding taxes, denominated in Euros, packaging included, transport costs being invoiced in addition and are established based on the rate in force on the date of the order.

The rates in force are those appearing on the quote of Altra Corporation or any other medium used by Altra Corporation, provided that appears on the said medium a date of validity of the prices. In principle any quote is valid for a maximum period of fifteen (15) days. However, Altra Corporation reserves the right to modify its prices at any time.

In the event of a change in prices after the quote, and more generally if the prices appearing on the quote do not comply with the prices in force, Altra Corporation will inform the Customer, being reminded that the contract cannot be formed and bind Altra Corporation as long as it has not accepted the order by means of the acknowledgment of the order. The Customer must then send a new corrected order. However, Altra Corporation undertakes to invoice the equipment ordered at the prices indicated at the time of the Customer's order acknowledgement.

## Retention of title

The products sold remain the entire property of Altra Corporation until their complete and final payment. In the event that the products purchased by the customer are resold, and as long as they have not been paid to Altra Corporation, the customer undertakes to inform the sub-purchaser of the terms of this clause, as well as the right that Altra Corporation reserves to claim in the hands of the sub-purchaser, either the book products or the price thereof.

## Receipt of goods

The equipment is sent at the Customer's own risk. Any claim in connection with the loss or imperfections related to the packaging of the products must be made to the transport agency upon receipt of the goods and must be annotated on the carrier's receipt. In this case, the Customer has twenty-four (24) hours to obtain a claim number from the transport agency. The returned material may be accepted subject to verification of the condition of the material and its packaging, as well as its operation. In case of damage to the delivered goods and in order to provide sufficient evidence, the Buyer is obliged to photograph the packages and send the photos to [logistics@airzonecontrol.com](mailto:logistics@airzonecontrol.com) in order to notify of the problem. Upon receipt of the material, the Customer has fifteen (15) days to inspect the contents and report possible packaging errors or defects in the items. After this period, no such claim will be accepted.

## Payment method

No discount is granted in case of early settlement. Payment will be made by bank transfer. In the event of late payment, the applicable penalties shall be equal to 8% of the total invoice with a minimum of 40 € (or its equivalent in the official exchange rate of the currency used in the relevant market). In case of non-payment, Altra Corporation reserves the right to block the account as well as shipments in progress, whether or not they are under warranty.

The goods remain the property of the Seller until full payment.

Likewise, in the event of delay in payment in accordance with the initially agreed deadline, Altra Corporation reserves the right to initiate the necessary legal procedures to obtain collection of the total invoice plus the corresponding penalties for the delay.

Altra Corporation sends invoices by e-mail. Nevertheless, and always at customer's request previously, Altra Corporation could send invoices in paper version.

## Commissioning

Altra Corporation does not carry out the installation of its products. However, as indicated in our catalog (see "Commissioning service" in the "Product references" section), the Buyer may call on Altra Corporation for the commissioning of its systems. Altra Corporation will invoice this service carried out by its technical assistance or by one of its technical stations according to the prices in the quotation provided to the Buyer and according to the conditions that can be requested at the email address: [techsupport@airzonecontrol.com](mailto:techsupport@airzonecontrol.com)

## Return

Subject to the agreement of Altra Corporation's technical support, the customer has fourteen (14) days from the date of invoice to return the material and obtain a refund, less 20% re-stocking fee of the original invoice price. It must be taking into consideration that the products must be returned in its original unused packaging. The request should be made via the support department's e-mail address: [techsupport@airzonecontrol.com](mailto:techsupport@airzonecontrol.com). The Customer assumes the cost of transport and ensures the proper packaging of the equipment guaranteeing its good condition upon receipt. The agreement of the sales department does not directly imply the edition of credit. Any return that does not benefit from a prior agreement will be systematically refused upon receipt and will be returned to the sender at their expense. The returned material will only be refunded if the conditions indicated on the material return request are respected.

The transport costs caused by the return of after-sales equipment in non-EU countries will be borne by the buyer.

## Guarantee

All products manufactured by Altra Corporation are warranted, for a period of two (2) years, against any manufacturing defect, the date of issue of the invoice of Altra Corporation being authentic, in the context of normal use. The warranty only applies if the installation of the solution is carried out exclusively with Altra Corporation reference elements, both mechanical and electronic (central plates, modules, thermostats, motorizations, and cables). If the required configuration is not explained in any Altra Corporation manual, the Customer is required to contact Altra Corporation technical support to validate the said configuration. However, in the absence of a written reservation from the Customer upon completion of Altra Corporation's technical assistance service, it is understood that Altra Corporation does not provide any guarantee as to the services provided and that any claim not in accordance with this article will be inadmissible.

## Packaging

All our electronic products are individually packaged. It is important, in case of return to our premises, that the material is returned in its original packaging.

## Hardware under warranty

All products are covered by a thirty-month warranty from shipment or twenty-four months from installation, whichever comes first.

The warranty does not cover damage caused by misuse or normal wear and tear, or defects caused by negligence, knocks, improper use or handling, storage in inadequate conditions that may damage the product, such as extreme temperatures or humidity, unsuitable voltage, electrical incidents, improper installation and/or use that was not carried out by the authorized Technical Service when appropriate, nor materials subject to wear and tear through normal use. The warranty will be void for any products modified or repaired by the Client or any other person not authorized by Altra Corporation.

Repair or replacement of defective products will be free of charge, including the costs incurred to remedy the goods' lack of conformity with the contract, especially the shipping costs, as well as costs related to manual labor and materials. Any finding of malfunction of the Altra Corporation system must be diagnosed by Altra Corporation technical assistance. For further information regarding the warranty procedure, please contact: [techsupport@airzonecontrol.com](mailto:techsupport@airzonecontrol.com)

## Force majeure

Neither party shall be liable to the other in the event of delay or non-performance of its contractual obligations in the event of force majeure in the following cases: natural disasters, fires, explosions, or accidents for which it is not responsible, strike movements, epidemics or pandemics recognized by the World Health Organization, or for other reasons beyond its control.

In the event of a case of force majeure, Altra Corporation may temporarily suspend the delivery of the products and/or the performance of the service, without this suspension being considered as a non-performance of the obligations incumbent on it under these GTC. Altra Corporation must then inform the Customer in writing of the suspension of the contract, and if it lasts more than three (3) months, the suspended sales or service contract(s) will be terminated automatically.

## Data protection and intellectual property

The Client is invited to consult the website of Altra Corporation: [www.airzonecontrol.com](http://www.airzonecontrol.com) and in the footer the client can access the sections of legal notice, privacy policy and cookies policy.

It is strictly forbidden to use and exploit the rights of reproduction, distribution, public communication, and transformation according to Spanish Regulation in force at the time, as well as to use the Altra Corporation logo or any photographs and information of the products of the said entity, without its prior authorisation.

## Dispute Resolution

These GTC and any contract concluded pursuant to these GTC are subject to Spanish law.

The parties are subject to Spanish law for the resolution of any conflict that may arise, and expressly waiving any other jurisdiction, the parties are subject to the courts and tribunals of Madrid (Spain).



Designed and manufactured  
in Europe

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Marie Curie, 21 · 29590 Málaga (Spain)

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