

AIRZONE





# Treat indoor air quality with Airzone Solutions

For more than 25 years, Airzone has offered smart control solutions that enable the management and improvement of the **energy performance of HVAC systems with different heating and cooling units**, both for commercial and residential applications. The Airzone model is based on technology research, industrial development and European manufacturing.

All Airzone systems can be integrated and controlled remotely, and they can be interconnected in the same project. It is possible to manage the air conditioning systems (direct expansion, VRF, hydronic, etc.) and to combine underfloor heating or cooling, as well as all single-zone units (ceiling cassette, wall mounted, floor standing, etc.).

In addition to managing the thermal comfort of users, Airzone offers now a new feature to control and improve the indoor air quality, with Easyzone IAQ.



# Indoor air quality

## What is air quality?

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

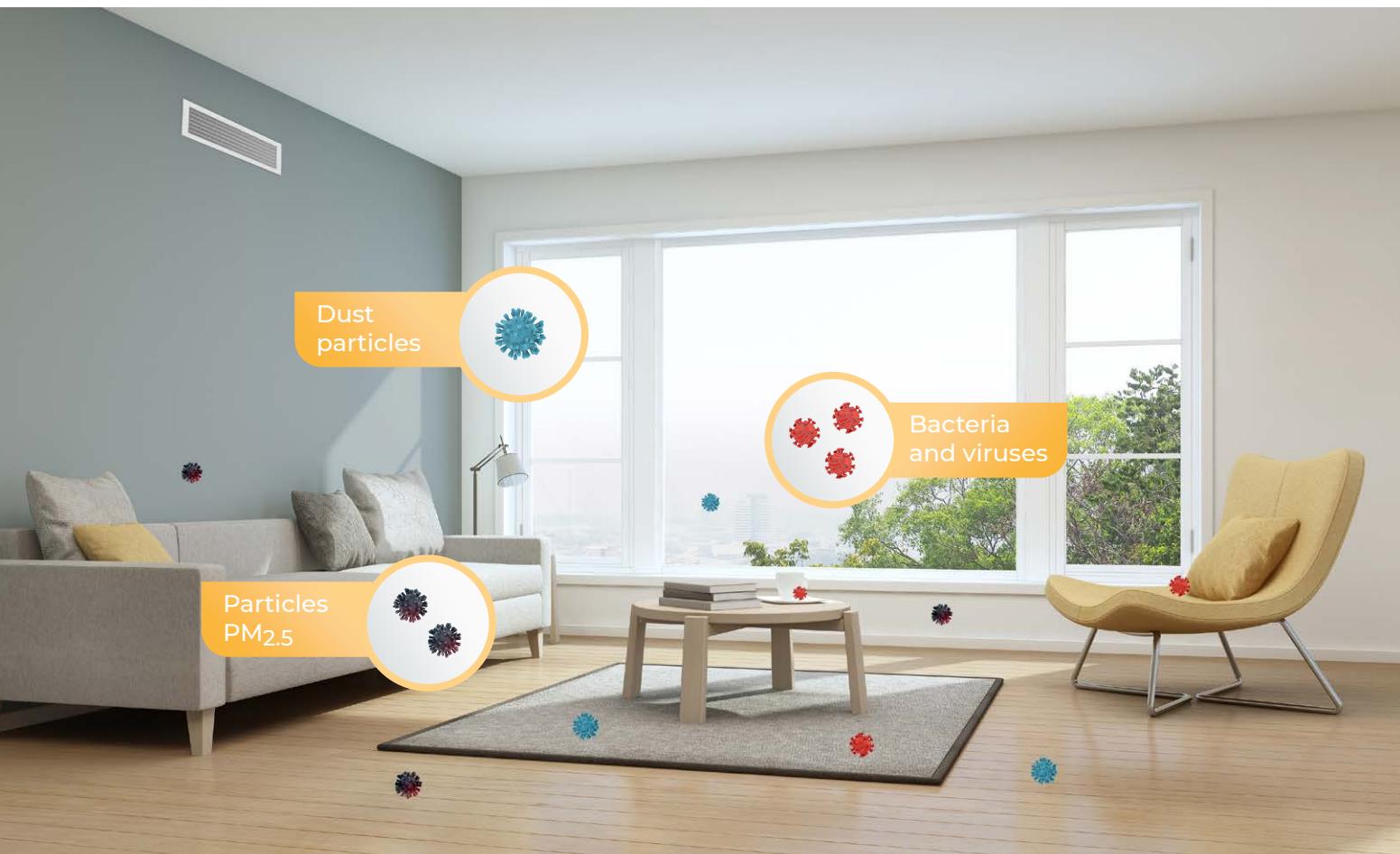
Temperature, humidity, CO<sub>2</sub>, and **particles in the air** such as dust, dust mites, VOCs and mixtures such as air fresheners or smoke all **affect indoor air quality**.

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

**Poor air quality** can cause allergies, fatigue, dizziness, headaches and irritation of the eyes, nose, and throat.



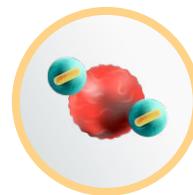
## BEFORE THE PURIFICATION PROCESS LOW AIR QUALITY



## Air Purification

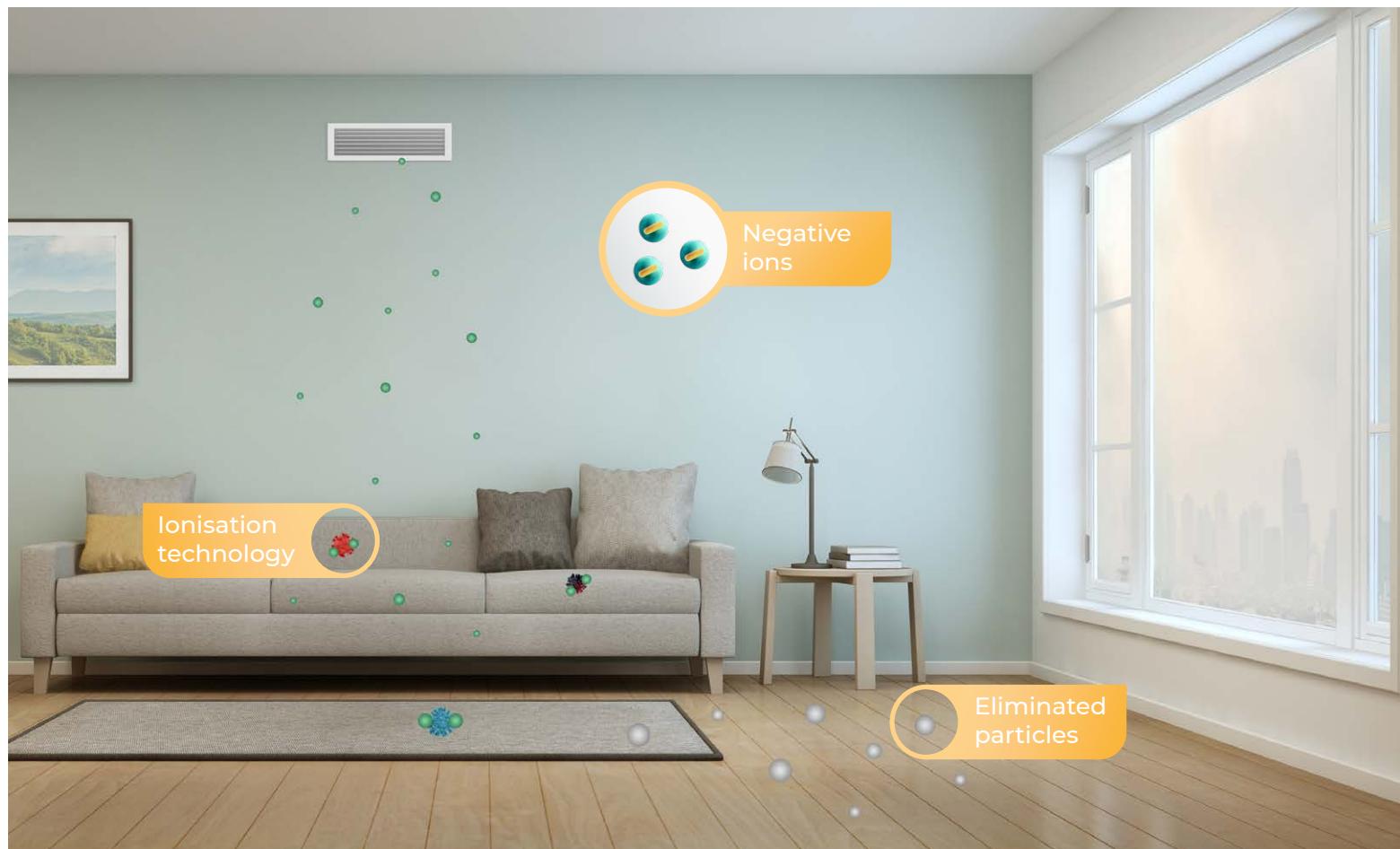
Air purification is a process to remove pollutants and harmful particles suspended in the air to improve indoor air quality.

**Ionisation** as a purification technique is based on the **diffusion of negatively charged ions** to attract positively charged particles.



As a result of ionisation, **the particles clump together, increasing their weight, and fall to the ground.**

### AFTER THE PURIFICATION PROCESS IMPROVED AIR QUALITY



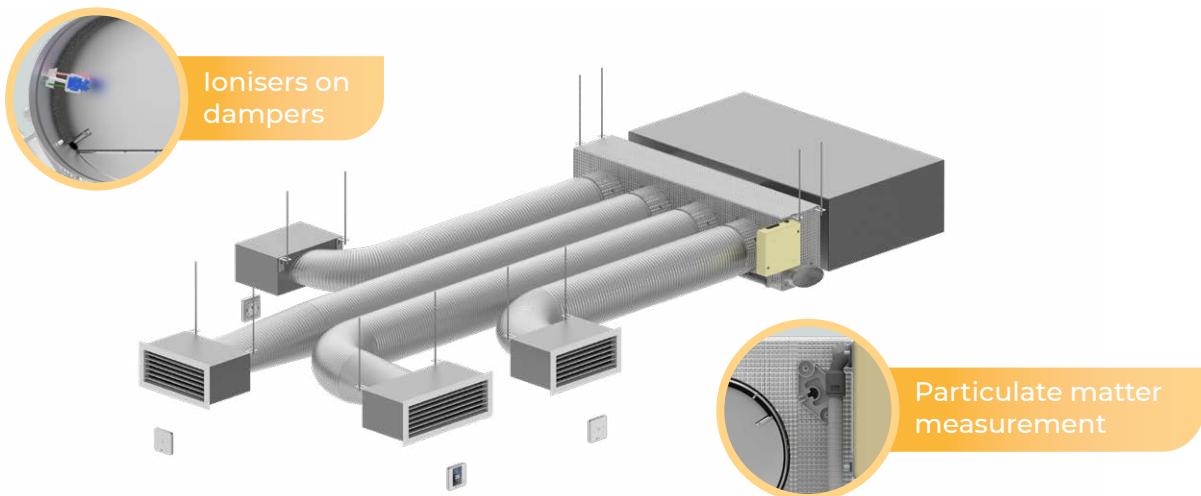
# Airzone Technology



We have developed the latest **air purification technology to improve indoor air quality**. We apply ionisation technology to the Easyzone system, a bestseller zoning solution in Europe.

**Total HVAC control integrated with home automation systems**, together with the improved air quality provided by Airzone, guarantee the healthiest and most sustainable living and working spaces of the future.

Reduction of  
**50%** of airborne  
particles and  
airborne time\*



**Elimination of odours** due to reduction of VOCs.

Inhibition of **bacteria, viruses, and other** pathogens.



**FULL STUDY:**  
[airzone.es/en/pro/documentation](http://airzone.es/en/pro/documentation)

\*Data extracted from the Airzone IAQ Technology Performance Report  
VOCs: volatile organic compounds. | PM2.5: very small particles with a diameter of less than 2.5 microns.

## Air quality app

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



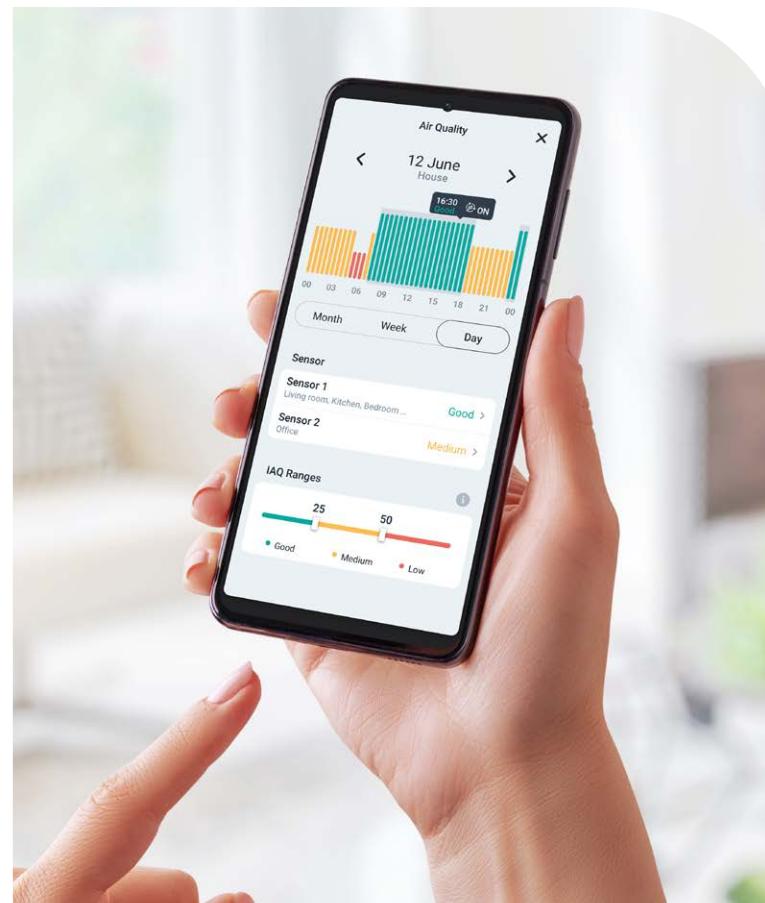
**3 different measurement levels** of PM2.5 particles



Graphics of air quality.

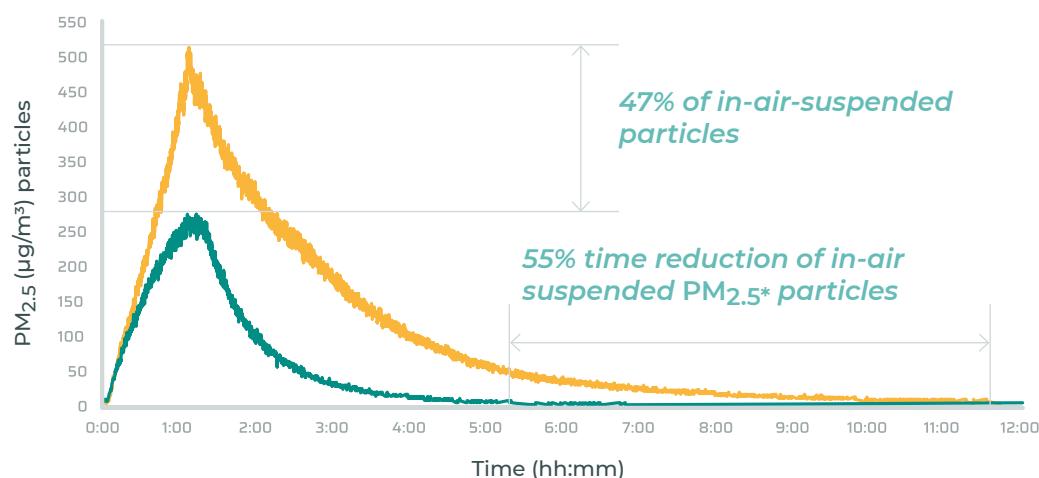


**Working modes:** ON, OFF and automatic.



## Time evolution of PM2.5\* concentration

- Airzone technology ON
- Airzone technology OFF



PM<sub>2.5</sub>: small particles with a diameter less than 2.5 microns.

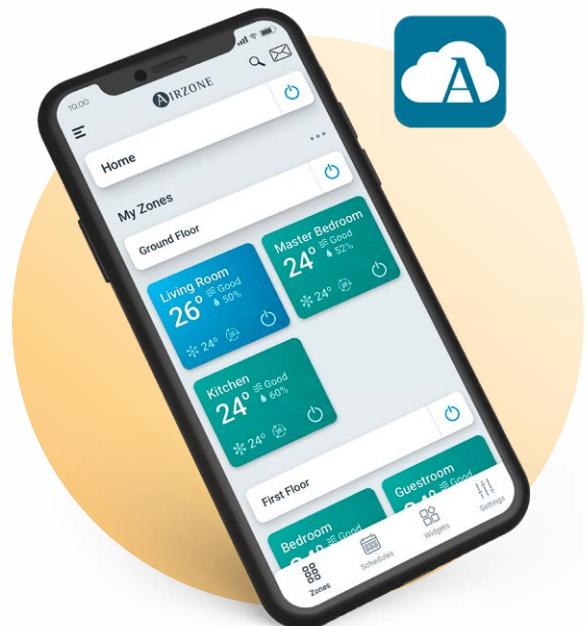
# Cloud Technology

The most complete and intuitive interface

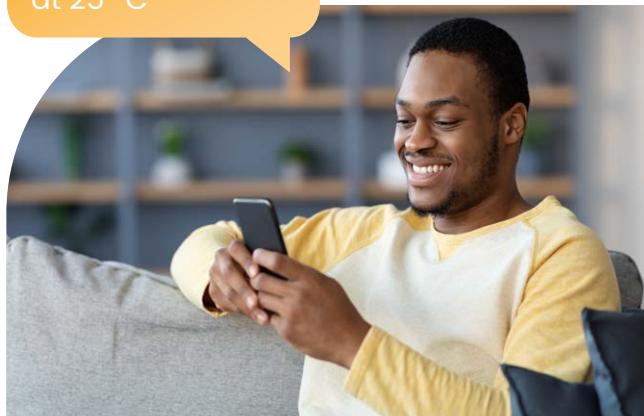
## Airzone Cloud

Remote control is a fundamental feature when choosing smart control for the home or workplace. With the Airzone Cloud app, you can manage your HVAC system remotely and program the use of the thermostat to ensure the greatest efficiency.

Turning independent **zones on and off**, creating **time schedules** and conveniently **checking the weather forecast** are just some of the options offered by the application.



Set the living room  
at 25 °C



Are you ready to enjoy  
remote HVAC control?



Access the demo at  
[airzonecloud.com](http://airzonecloud.com)

## DISCOVER ALL THE POSSIBILITIES OF AIRZONE CLOUD

Fast, modern, and customizable:  
The new Airzone Cloud app

- System grouping in the same building.
- Renewed interface.
- Different user types.
- Widgets.
- Fast and secure technology.
- Unified control of Airzone and Aidoo systems.
- Multi-user: advanced, basic or admin profile.
- Brand new design interface.

Airzone solutions are also compatible with voice assistants of Amazon Alexa and Google which give all the user-friendly functionalities of these applications.



# Airzone bridges the gap

Between HVAC and IoT

## Full HVAC integration

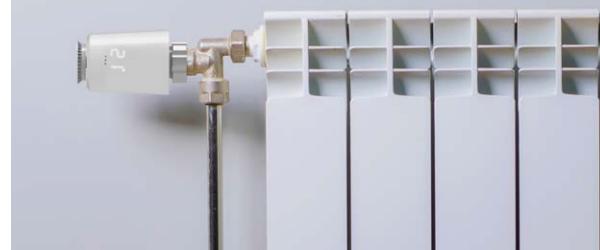
Airzone Control Systems allow the leading **Building Management** (BMS) and Home Automation (HA) Systems to seamlessly **integrate with Inverter/VRF technologies**.

- Plug & Play solutions.
- Control, combine and coordinate floor, AC and heating with one solution.
- Maximum comfort for the end user.
- Enhance energy efficiency and economic savings.
- Certified protocols, two-way communications and self-guided configuration.



AC and Radiant Heating integrated through a single interface

VRF · Multi-split/Split Inverter AC



# Airzone bridges the gap

Between HVAC and IoT



## Top Features

- Control independent zones with zoning.
- Setpoint temperature per zone.
- Temperature & Relative Humidity Sensor per zone.
- Air and radiant stage control.
- Set the Operation Mode of the entire application.
- Integrate 3rd party smart thermostats.

## BMS/HA Control

Quick and easy installation

- Easily integrate any HVAC system regardless of its complexity with the leading BMS/HA standards in no time.

Simple configuration

- Just download the drivers, select the preferred parameters and you are all set.
- No more complex and time-consuming programming.

## API Cloud and API REST

- The most secure, uncomplicated and fastest 3rd party integration.

## Troubleshooting and maintenance

- You can easily diagnose the problems in other areas of the BMS system and discard those beyond your liability.

## BMS AND IOT CONTROL SYSTEMS

## HVAC MANUFACTURERS

# Airzone Interfaces

The perfect balance

## The best fit for any decor

With its color graphic touchscreen interface, Airzone Blueface is **the most complete thermostat**.

Available in:

Wired



1.

## Airzone Blueface

2.

## Airzone Think



Available in:

Wireless

Low consumption wireless technology.

Available in:

Wireless | Wired

**Simplest control** for the most common needs.



3.

## Airzone Lite

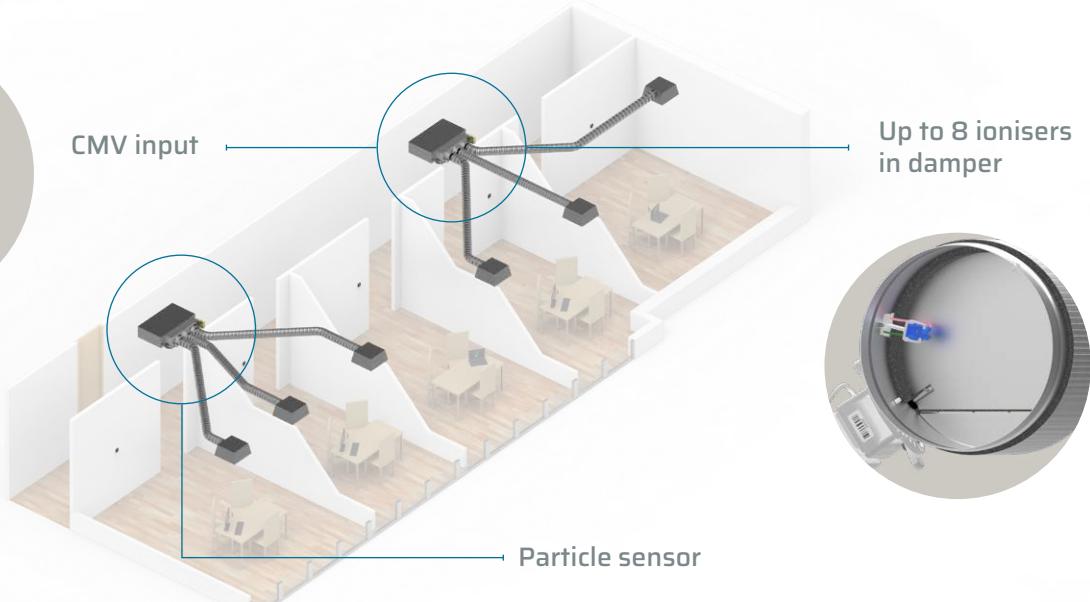
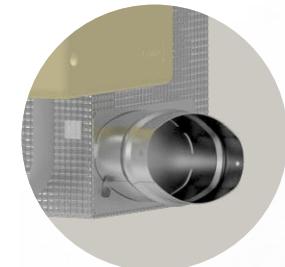
# Easyzone IAQ

Discover the **all-in-one solution** for zoning and air quality control

Easyzone is the **Plug&Play solution** for zoning an indoor unit with flexible ducts. Control from **2 to 8 zones independently** and anytime & anywhere via the **Airzone Cloud app**.



Inverter      VRF      Chiller



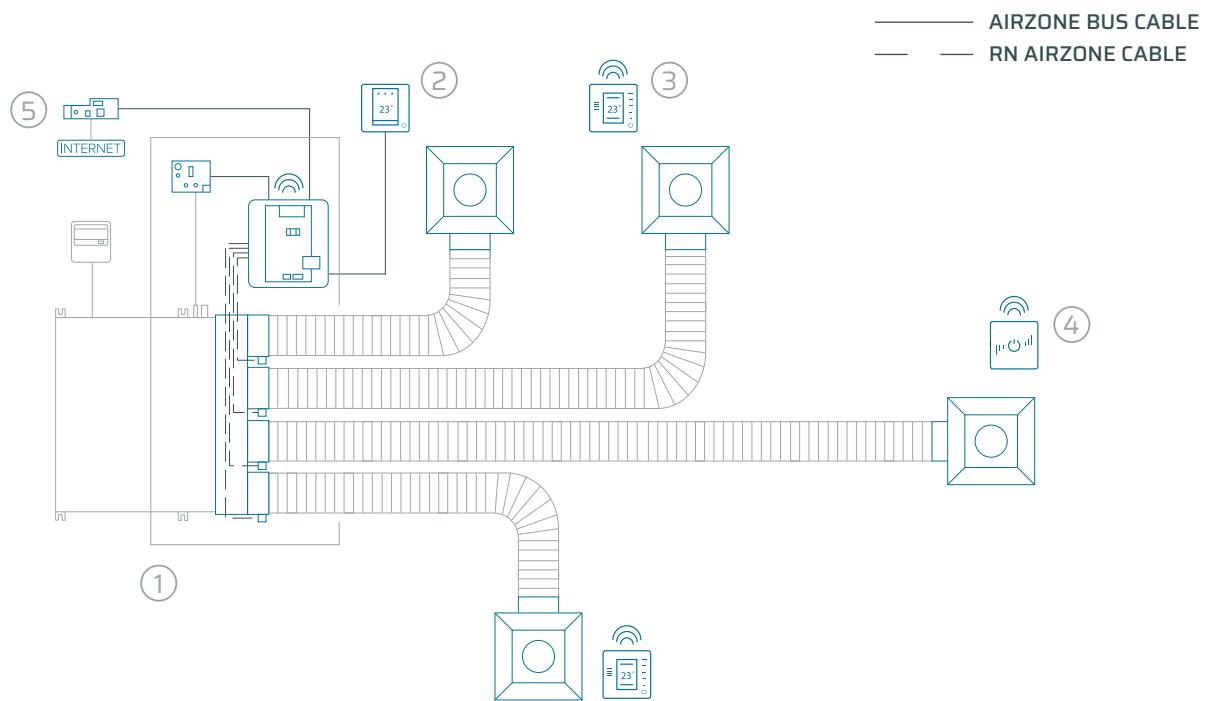
## Easyzone now also purifies air by zones

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

- Dynamic control of **setpoint temperatures** for energy efficiency.

- Limitation of minimum and maximum temperatures for efficient control with the **Eco-Adapt function**.
- Custom-made plenum box for each indoor unit, **Plug&Play**.
- **Different sizes and heights** to suit the indoor unit.
- Dynamic control of setpoint temperatures.

CMV: controlled mechanical ventilation.



| Reference                                | Description  | Units |
|--|--|-------|
| 1 AZEZ8 [XXX]<br>[ST/SL/BS] 4x [200/150] | Easyzone IAQ [Standard + CMV / Slim + CMV / Medium] IB8 [brand] 4x [200/150] 01M<br>Airzone Gateway Controller 3.0 - [brand] | 1     |
|  | Airzone Flexa 3.0 system Control Unit - Innobus Pro8 - 8 zones   |       |
|  | Damper-mounted ioniser with integrated sensor  |       |
| 2 AZCE6BLUEZERO[C/B/N]                   | Airzone Flexa 3.0 Blueface Zero Thermostat wired white/black 8Z  | 1     |
| 3 AZCE6THINKR [B/N]                      | Airzone Flexa 3.0 Think monochrome wireless thermostat [black/white]   | 2     |
| 4 AZCE6LITE [C/R] [B/N]                  | Airzone Flexa 3.0 Lite thermostat [wired/wireless] [black/white]   | 1     |
| 5 AZX6WSC5GER                            | Webserver Airzone Cloud Wi-Fi Dual 2.4-5GHz  | 1     |



Temperature control



Time schedules



Air Quality



Remote control\*



Weather forecast\*



Residential & Commercial

New!

## Dampers with ionisers

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

## Air renewal (CMV)

Easyzone allows the air in the application to be renewed independently and autonomously, using the same ventilation duct.

## An integrated solution

Compatibility with **leading BMS/HA and IoT technologies**.

- Airzone Cloud application.
- Amazon Alexa and Google Assistant voice assistants.
- Modbus protocol.
- BACnet, Lutron and KNX integration gateways.
- Drivers and plugins: Control4, Crestron, Eedomus, Fibaro, Jeedom and RTI.
- Cloud API and REST API.

\*Applicable when the system has an Airzone Cloud Webserver.

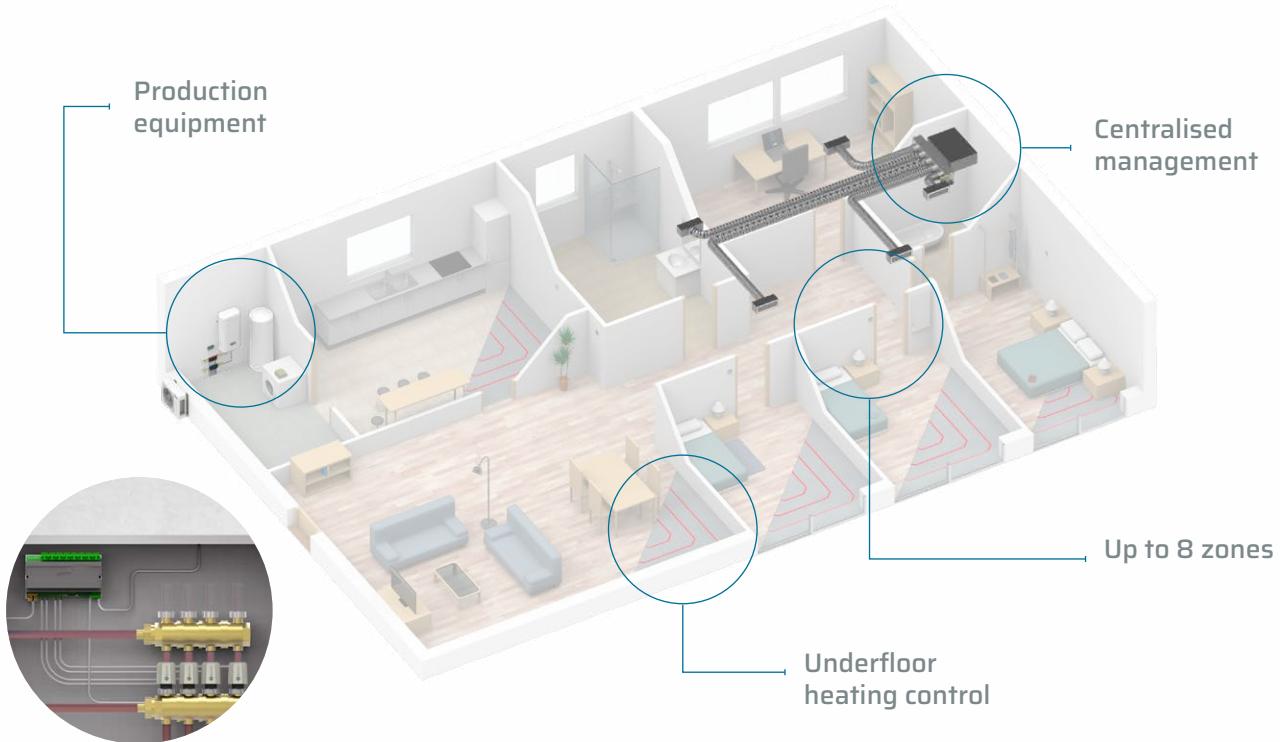
# Easyzone heating

Combined control and zoning of air and radiant heating systems

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

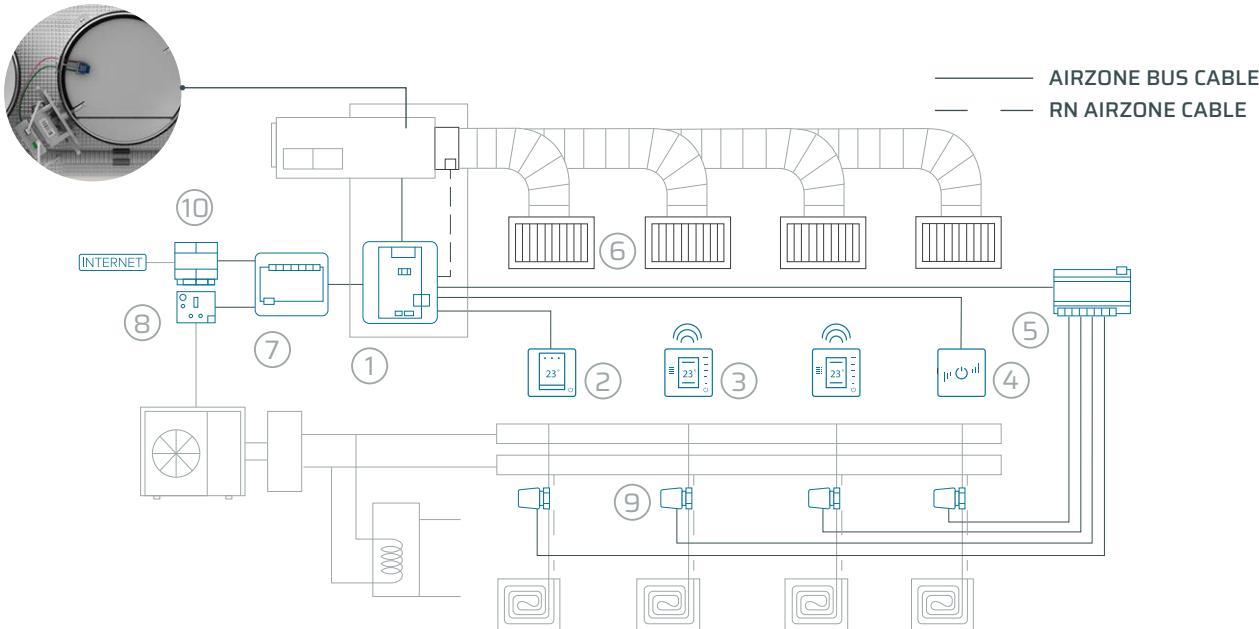


Indoor air quality control



- **Comfort optimisation** with intelligent control of the thermal inertia of the floor.
- **Anti-freeze safety function** to prevent pipes from freezing.

- Indoor air quality control and **purification system by ionisation**.
- Comfort temperature control in each zone.



| Reference                                | Description  | Units |
|--|--|-------|
| 1 AZEZ8 [XXX]<br>[ST/SL/BS] 4x [200/150] | Easyzone IAQ [Standard + CMV / Slim + CMV / Medium] IB8 [brand] 4x [200/150] 01M |       |
|  | Airzone Gateway Controller 3.0 - [brand]   |       |
|  | Airzone Flexa 3.0 system Control Unit - Innobus Pro8 - 8 zones                   | 1     |
|  | Damper-mounted ioniser with integrated sensor                                    |       |
| 2 AZCE6BLUEZEROC [B/N]                   | Airzone Flexa 3.0 Blueface Zero Thermostat wired white/black 8Z                  | 1     |
| 3 AZCE6THINKR [B/N]                      | Airzone Flexa 3.0 Think monochrome wireless thermostat [black/white]             | 2     |
| 4 AZCE6LITE [C/R] [B/N]                  | Airzone Flexa 3.0 Lite thermostat [wired/wireless] [black/white]                 | 1     |
| 5 AZCE6OUTPUT8                           | Airzone control module of radiant elements 8Z                                    | 1     |
| 6 RDHV[LENGTH][HEIGHT] BKX               | White horizontal/vertical double deflection intake grille (RDHV)                 | 4     |
| 7 AZX6CCPGAWI                            | Airzone hydronic production Control Unit   | 1     |
| 8 AZX6GAW [XXX]                          | Airzone-[brand] air to water HP gateway  | 1     |
| 9 AZX6AC1VALC + New!                     | Airzone 110/230V VALC wired thermostat head for radiant elements                 | 4     |
| 10 AZX6WSPHUB                            | Webserver HUB Airzone Cloud Dual   | 1     |



Temperature control



Time schedules



Combined control



Remote control\*



Weather forecast\*



Air Quality

## Combined control

With the radiant element control module, you can **combine the water, air, and radiant stages**. The combined mode allows to achieve thermal comfort conditions in the shortest time possible.

## An integrated solution

Compatibility with the **main BMS/HA and IoT technologies**.

- Airzone Cloud application.
- Amazon Alexa and Google Assistant voice assistants.
- Modbus protocol.
- BACnet, Lutron and KNX integration gateways.
- Drivers and plugins: Control4, Crestron, Eedomus, Fibaro, Jeedom and RTI.
- Cloud API and REST API.

## Optimised production

Through the production control centre, Easyzone automatically manages the **production of the aerothermal system and the recirculation pumps** for the zones with demand, avoiding over-consumption.

\*Applicable when the system has an Airzone Cloud Webserver.

# RadianT365

## Underfloor heat

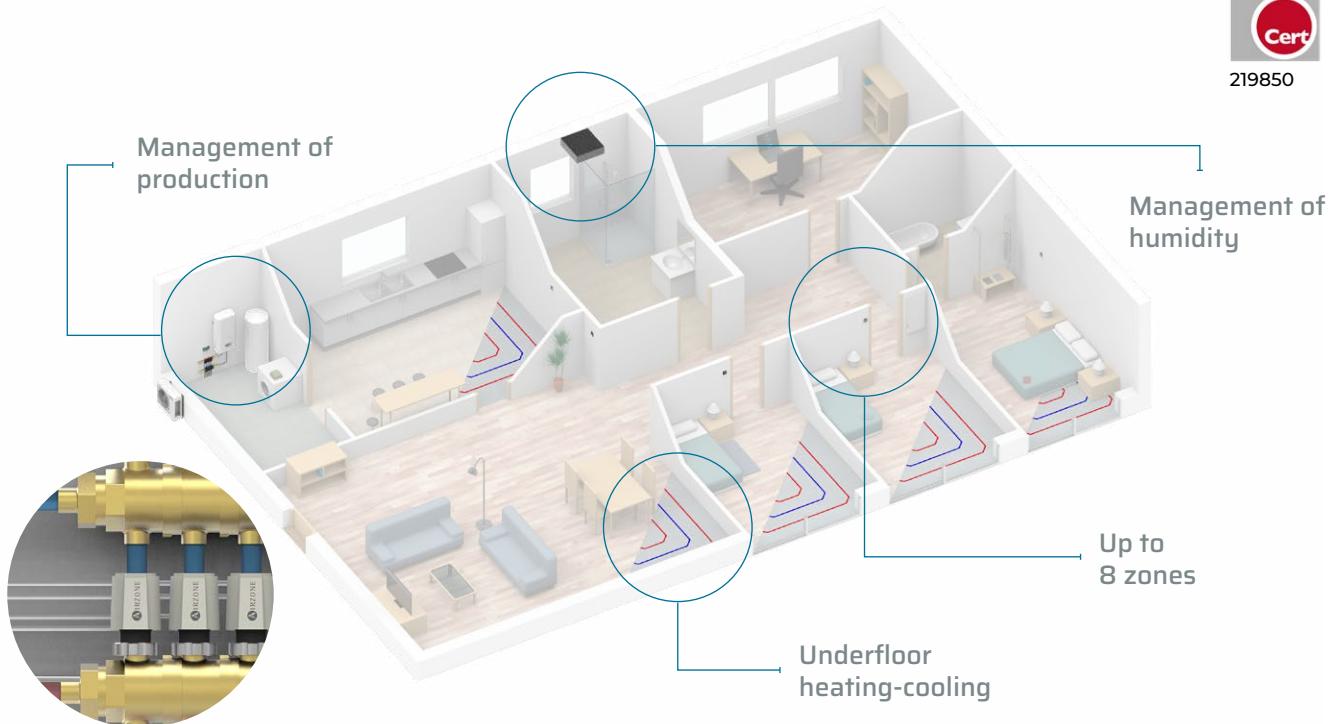
Achieve perfect comfort in every zone

Airzone regulation controls underfloor heating and cooling in the most efficient and economical way possible. The RadianT365 system takes advantage of **the thermal inertia of the floor to obtain more savings**.



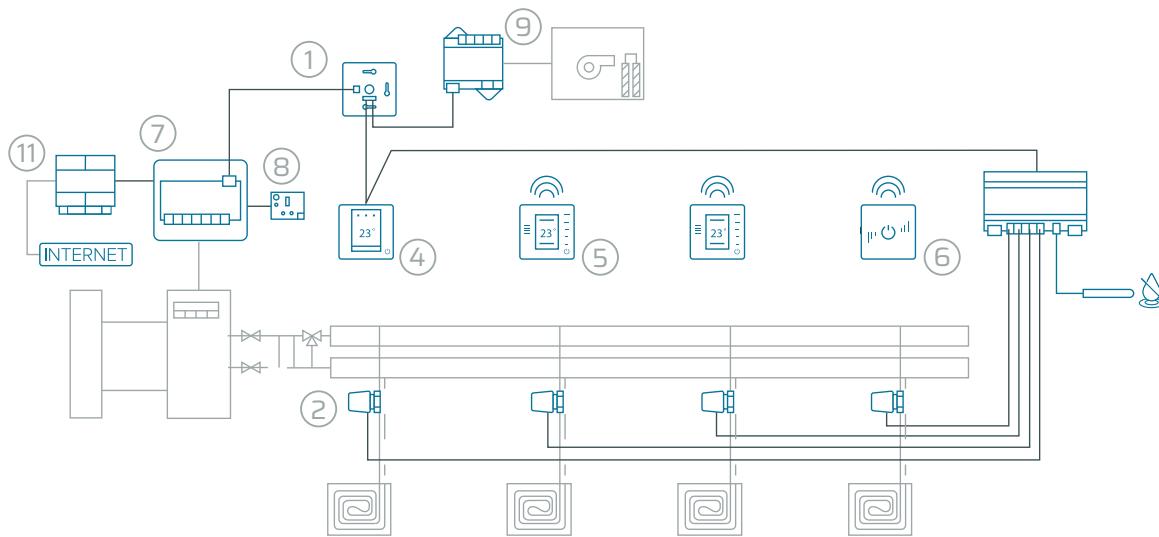
Boiler

Air-to-Water  
heat pump



- Control of the **comfort temperature** by zone.
- **Anti-condensation** control with humidity measurement in the zone, supply air temperature and dehumidifier control.
- Limitation of minimum and maximum temperatures for effective control with the **Eco-Adapt function**.
- **Optimum comfort** thanks to smart control of the thermal inertia of the floor.

- **Management of production by means of communication** gateways and action on the circulators.
- **Airzone thermostatic valve actuator** supplied with 230 VCA for managing the vents of each zone\*.



| Reference | Description   | Units |
|-----------|---|-------|
| 1         | AIRZONE RADIANT   | 1     |
| 2         | AIRZONE WIRED THERMOSTATIC VALVE ACTUATOR               | 4     |
| 3         | AIRZONE RADIAN T365 CONTROL MODULE                      | 1     |
| 4         | AIRZONE RADIAN T365 BLUEFACE ZERO WIRED THERMOSTAT      | 1     |
| 5         | AIRZONE RADIAN T365 THINK WIRELESS MONOCROME THERMOSTAT | 2     |
| 6         | AIRZONE RADIAN T365 LITE THERMOSTAT                     | 1     |
| 7         | AIRZONE HYDRAULIC PRODUCTION CONTROL BOARD              | 1     |
| 8         | AIRZONE AIR TO WATER HP GATEWAY                         | 1     |
| 9         | AIRZONE 3 SPEEDS/STAGES DEHUMIDIFIER CONTROL MODULE     | 1     |
| 10        | AIRZONE TEMPERATURE METALLIC PROBE IN SHEATH            | 1     |
| 11        | AIRZONE CLOUD DUAL WEB SERVER HUB                       | 1     |



Independent temperatures



Time schedules



Relative humidity



Remote control\*



Weather forecasts\*



Residential and commercial

## Temperature control of the floor

RadianT365 can be used with radiant heating and cooling elements, for **year-round use**.

## Safety functions

**Anti-condensation, anti-freeze and anti-limescale functions** to prevent problems associated with condensation and freezing of the pipes.

## An integrated solution

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

- Airzone Cloud Application.
- Voice assistants Amazon Alexa or Google Assistant.
- Modbus Protocol.
- Lutron and KNX integration gateways.
- Drivers and plugins: Control4, Crestron, Eedomus, Fibaro, Jeedom and RTI.
- Cloud API and REST API.

\* Applicable when the System has an Airzone Cloud Webserver.

# Radiant365

## Radiators

An aesthetic and smart solution for heating

**Airzone wireless thermostat heads** allow radiators to be controlled by zone. An easy-to-install **Plug&Play solution**. RadianT365 also adapts to the central heating of buildings.



Control up to 10 radiators

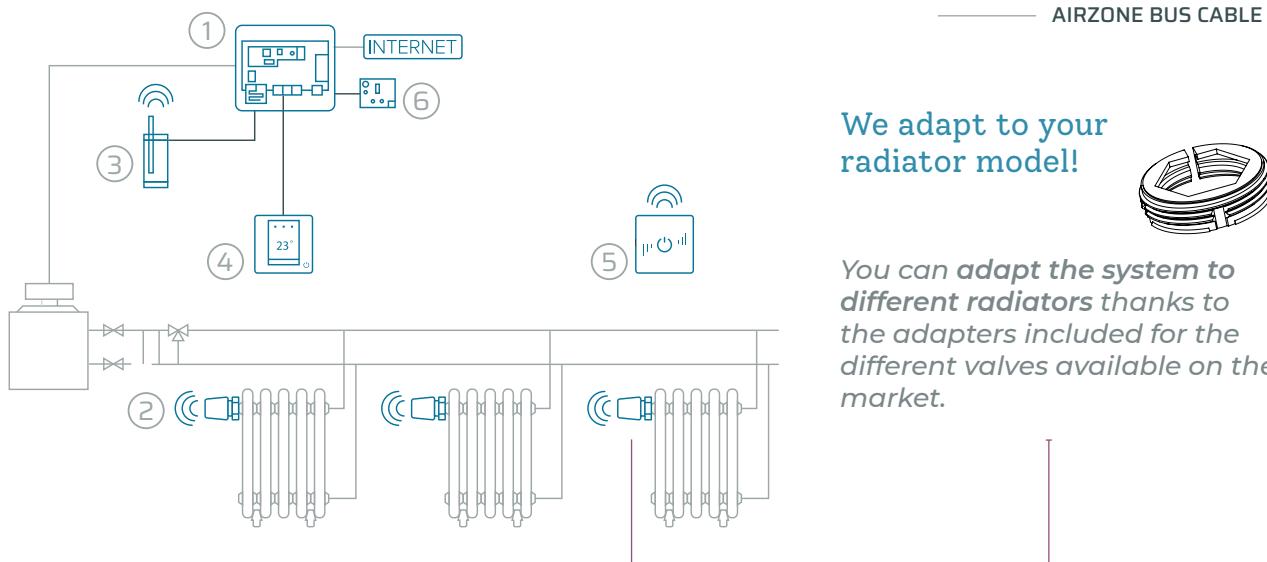
Management of production

Control up to 8 zones



- Airzone **wireless thermostat** heads with adjustment and display of the comfort temperature in each zone.
- Limitation of minimum and maximum temperatures for effective control with the **Eco-Adapt function**.
- **Optimised comfort** thanks to the proportional control of the opening of the radiator vent according to the room temperature.

- Adapters for connecting the wireless thermostat head with vents **of different diameters**.
- **Webserver Airzone Cloud Wi-Fi Dual 2.4-5 Ghz** included.
- Improved control of the system and reduced energy consumption thanks **to management of production by means of communication gateways** and action on the circulators.



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 AZRA6CB1RADW <span style="color: green;">+ New!</span> | Airzone radiant VALR cloud dual 2.4-5G system for radiators main board | 1     |
| 2 AZX6AC1VALR <span style="color: green;">+ New!</span>  | Airzone wireless thermostatic valve actuator VALR for radiators        | 3     |
| 3 AZX6CM1VALR <span style="color: green;">+ New!</span>  | Airzone control module for wireless valves VALR - 8 zones              | 1     |
| 4 AZRA6BLUEFACEC [B/N]                                   | Airzone RadianT365 Blueface wired thermostat [white/black]             | 1     |
| 5 AZRA6LITE [C/R] [B/N]                                  | Airzone RadianT365 Lite Thermostat [wired/wireless][white/black]       | 1     |
| 6 AZX6GAW [XXX]  | Airzone - [brand] air to water hp gateway                              | 1     |



Independent temperatures



Time schedules



Remote control\*



Weather forecasts\*



Residential and commercial

## Secure installation

The **child safety function** prevents involuntary activation of the device and the **anti-freeze and anti-limescale 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.
- Drivers and plugins: Control4, Crestron, Eedomus, Fibaro, Jeedom and RTI.
- Cloud API and REST API.

\* Applicable when the System has an Airzone Cloud Webserver.

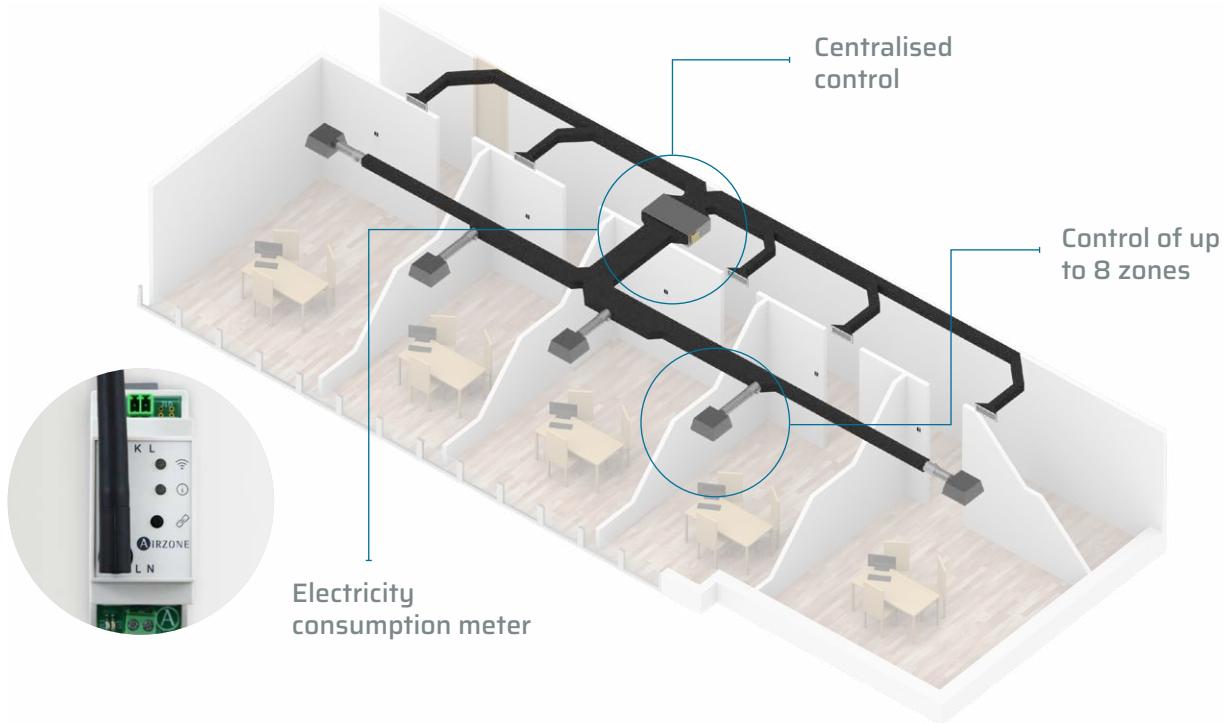
# Flexa 3.0

## Zoning for ducted systems

The Flexa 3.0 system adapts to rigid and **flexible duct applications for independent control** of each zone.

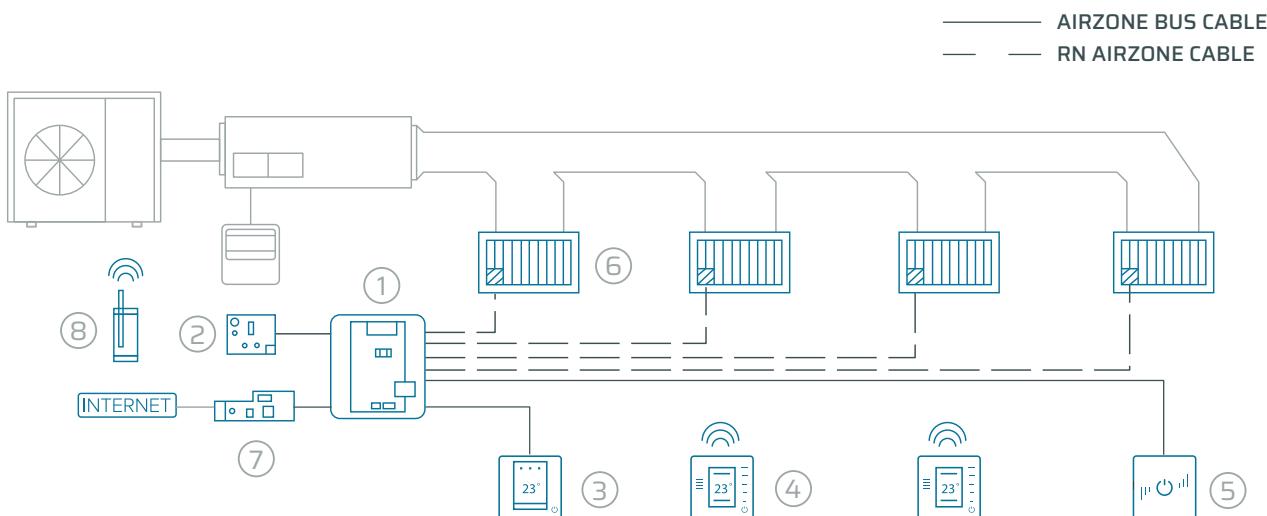


Inverter      VRF      Boiler



- Individual management of comfort **temperatures per zone**.
- Limitation of minimum and maximum temperatures for efficient control with **Eco-Adapt function**.
- **Q-Adapt** configuration for fan control with 5 pre-sets.

- **Dynamic control of setpoint temperatures according to demand**.
- Controlled mechanical ventilation management (**CMV**).
- **Management of production** and recirculation pumps.
- Programmable and **configurable output** for mechanical ventilation or boiler control.



| Reference               | Description  | Units |
|-------------------------|--|-------|
| 1 AZCE6FLEXA3           | Airzone Flexa 3.0 main control board 6Z                              | 1     |
| 2 AZX6GTC [XXX]         | Airzone Gateway Controller 3.0 - [brand]                             | 1     |
| 3 AZCE6BLUEZEROC [B/N]  | Airzone Flexa 3.0 Blueface Zero Thermostat wired white/black 8Z      | 1     |
| 4 AZCE6THINKR [B/N]     | Airzone Flexa 3.0 Think monochrome wireless thermostat [black/white] | 2     |
| 5 AZCE6LITE [C/R] [B/N] | Airzone Flexa 3.0 Lite thermostat [wired/wireless] [black/white]     | 1     |
| 6 CPCC [DIAMETER] MTE   | Round duct damper with manual regulation                             | 4     |
| 7 AZX6WSC5GER           | Webserver Airzone Cloud Wi-Fi Dual 2.4-5GHz                          | 1     |
| 8 AZX6ACCCON            | Airzone consumption meter  | 1     |



Temperature control



Time schedules



Eco-Adapt function



Remote control\*



Weather forecast\*



Residential & Commercial



### Improved radio antenna

The new radio antenna **increases coverage** even through thick walls or remote areas and reduces interference. In addition, it allows to easily adapt other antennas to the SMA female connector.

### Consumption information

Thanks to the electric meter, you can view the **energy consumption** of your single-phase air-conditioning unit on the thermostat of the solution itself or via the Airzone Cloud app.

### An integrated solution

Compatibility with **leading BMS/HA and IoT technologies**.

- Airzone Cloud application.
- Amazon Alexa and Google Assistant voice assistants.
- Modbus protocol.
- BACnet, Lutron and KNX integration gateways.
- Drivers and plugins: Control4, Crestron, Eedomus, Fibaro, Jeedom and RTI.
- Cloud API and REST API.

\*Applicable when the system has an Airzone Cloud Webserver.

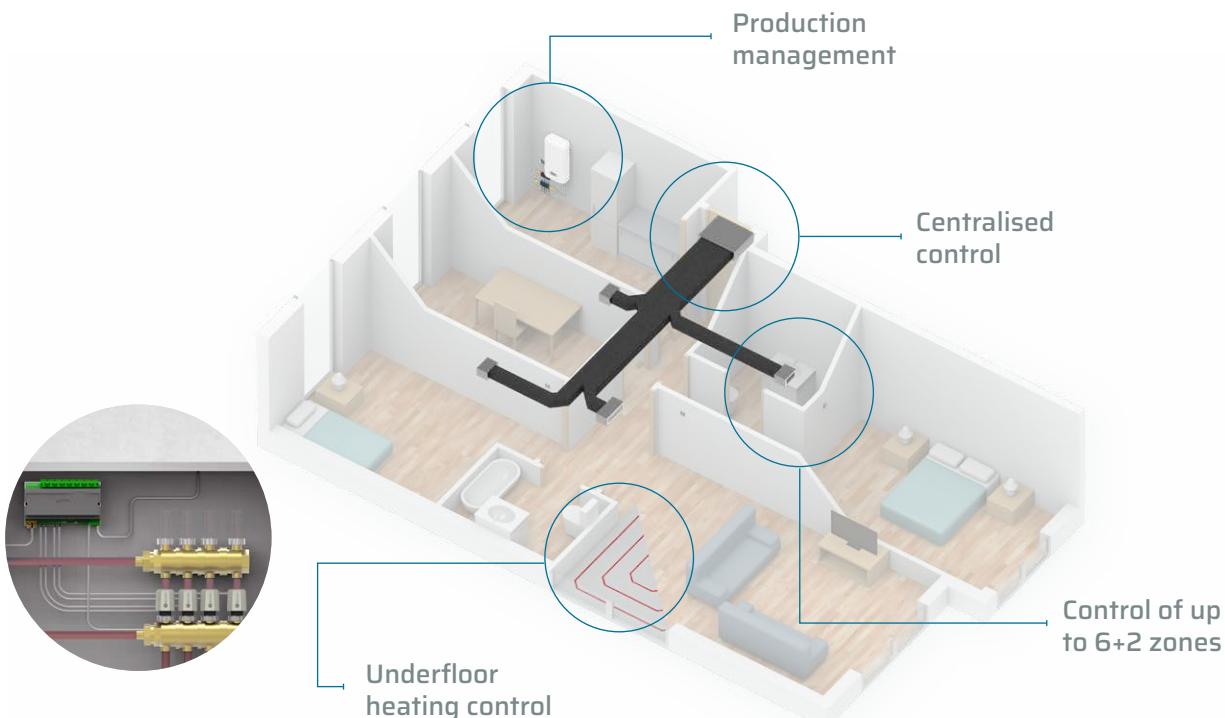
# Flexa 3.0 heating

Combined control, duct zoning and radiant systems

It allows you to enjoy centralised control for the entire application by adding to your zoned system the **control of radiant elements, production unit and recirculation pumps**.



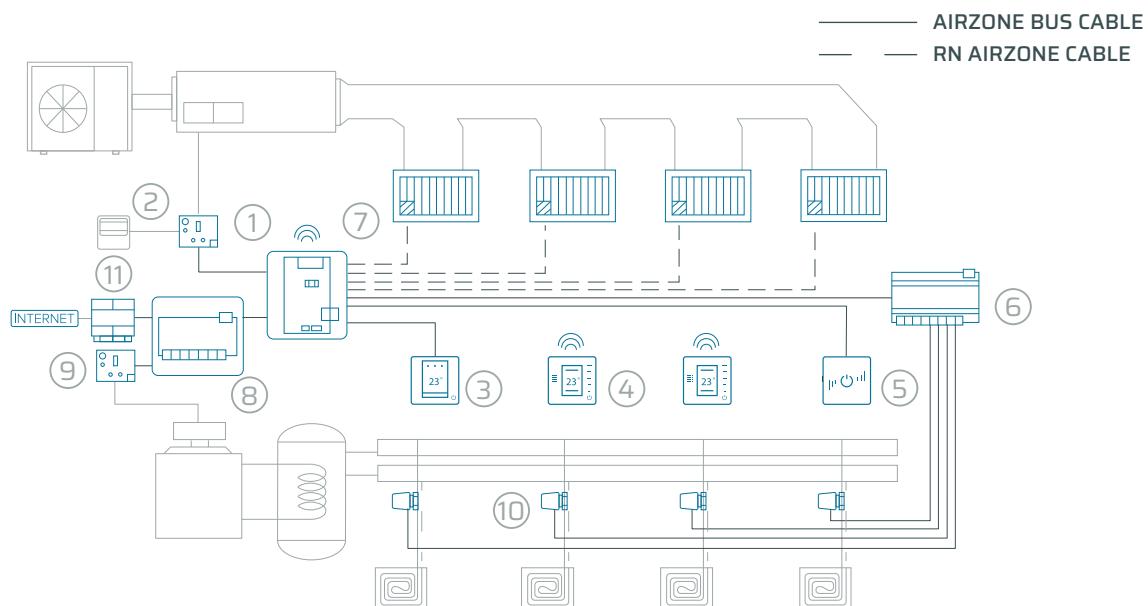
Inverter VRF Boiler Air-to-Water



## A single thermostat for air and underfloor heating

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

- Production **management and recirculation pumps**.
- Comfort optimisation with intelligent control of the **thermal inertia of the floor**.
- **Anti-freeze safety function** that prevents pipes from freezing.
- **Comfort temperature control** in each zone.



| Reference | Description   | Units |
|-----------|---|-------|
| 1         | AZCE6FLEXA3   | 1     |
| 2         | AZX6GTC [brand]   | 1     |
| 3         | AZCE6BLUEZERO [B/N]                                     | 1     |
| 4         | AZCE6THINKR [B/N]                                       | 2     |
| 5         | AZCE6LITE [C/R] [B/N]                                   | 1     |
| 6         | AZCE6OUTPUT8  | 1     |
| 7         | CPCC [DIAMETER] MTE                                     | 4     |
| 8         | AZX6CCPGAWI   | 1     |
| 9         | AZX6GAW [XXX]   | 1     |
| 10        | AZX6AC1VALC <span style="color: #0070C0;">+ New!</span> | 4     |
| 11        | AZX6WSPHUB  | 1     |

 Temperature control

 Time schedules

 Combined control

 Remote control\*

 Weather forecast\*

 Residential & Commercial

## Optimal comfort

By combining the water, air, and radiant stages thanks to the radiant element control module, you can achieve optimal temperature comfort in the shortest amount of time possible.

## Efficiency in heating

Flexa 3.0 manages the zones in demand in an **automated way through the production control centre**. As a result, the production of the aero thermal system and the recirculation pumps work avoiding overconsumption.

## An integrated solution

Compatibility with **leading BMS/HA and IoT technologies**.

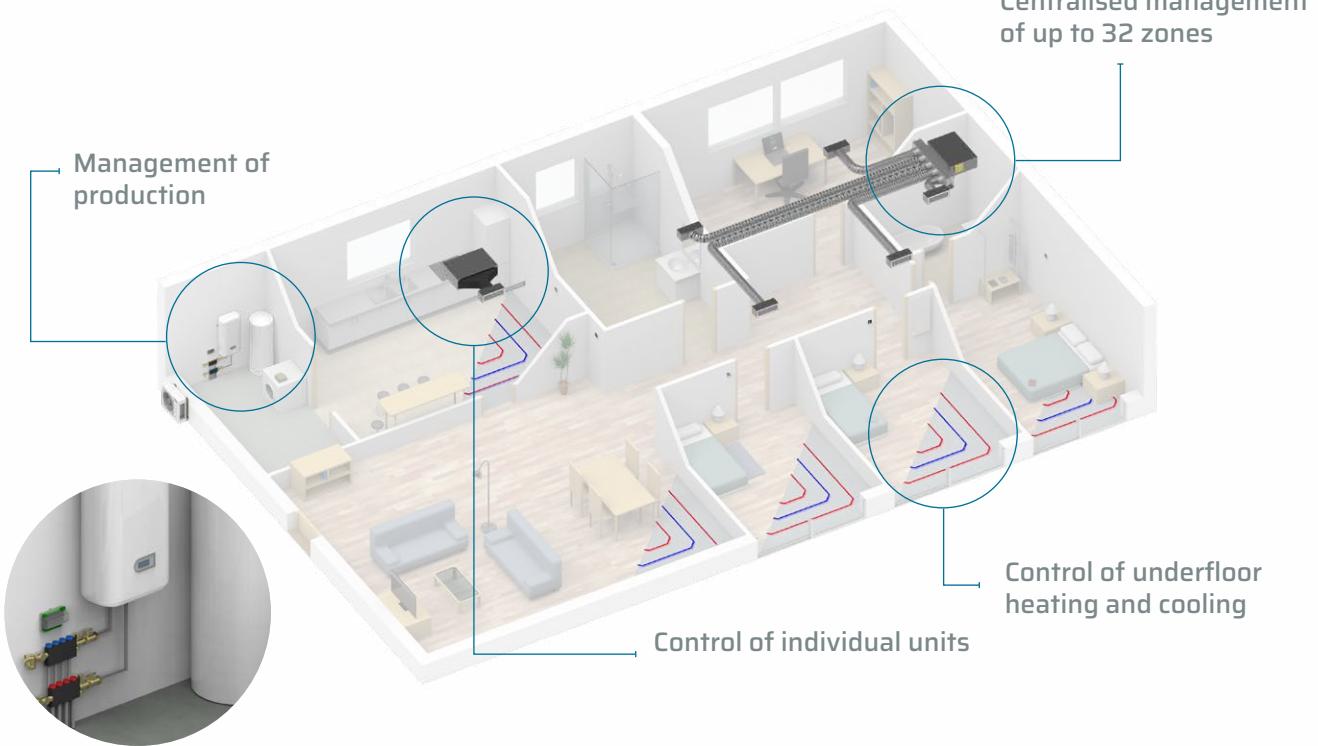
- Airzone Cloud application.
- Amazon Alexa and Google Assistant voice assistants.
- Modbus protocol.
- BACnet, Lutron and KNX integration gateways.
- Drivers and plugins: Control4, Crestron, Eedomus, Fibaro, Jeedom and RTI.
- API Cloud and API REST.

\*Applicable when the system has an Airzone Cloud Webserver.

# Acuazone

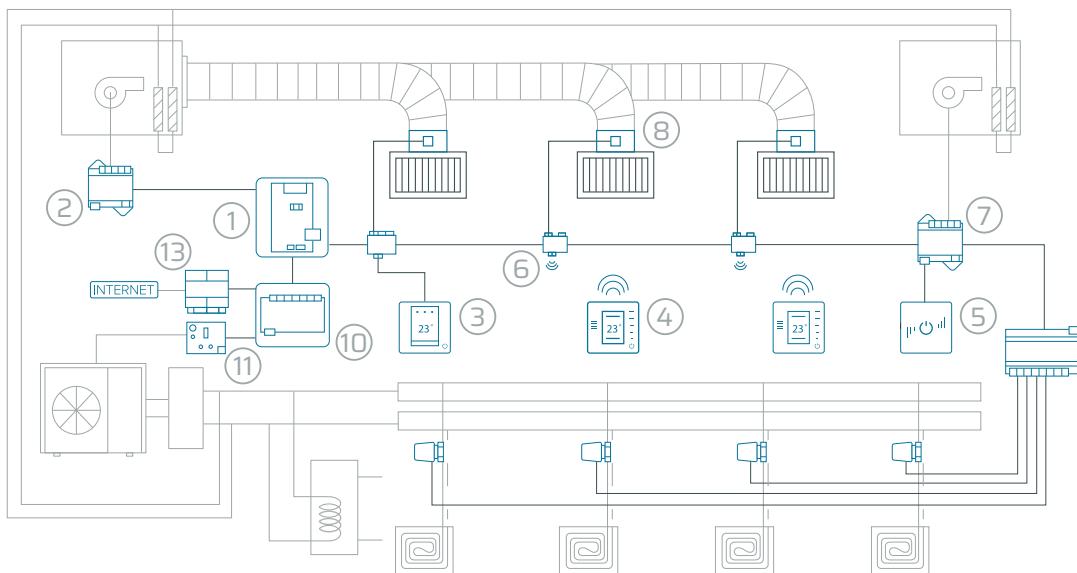
**Centralised management** thanks to seamless integration

Acuazone is ideal for **the management of hydraulic applications** with up to 32 **independent zones**, with the possibility of combining underfloor **heating or cooling**, as well as all the associated **individual units** (cassettes, wall splits, consoles, etc.). Available in open system (without plenum) to be mounted and connected.



- **Individual control** of set-point temperatures by zone.
- **Anti-condensation** control with zone humidity measurement, supply air temperature and dehumidifier control.
- **Responsible management thanks to the Eco-Adapt functionality:** definition of the maximum temperature in heating and the minimum temperature in cooling.

- Optimum comfort thanks to **the combined regulation of the air and the underfloor heating and cooling**.
- **Rabbit and occupancy** contacts per zone to shut off heating and cooling in the room without affecting other zones.
- **Frost protection function** which prevents frost in the pipes and prolongs the life of the system.



| Reference               | Description  | Qty |
|-------------------------|--|-----|
| 1 AZDI6ACUAZONE         | Airzone Acuazone main control board - 32 zones                               | 1   |
| 2 AZX6010VOLTSZ         | Airzone 0-10V fan coil control gateway                                       | 1   |
| 3 AZDI6BLUEZERO [B/N]   | Airzone Acuazone Blueface Zero wired thermostat [white/black]                | 1   |
| 4 AZDI6THINKR [B/N]     | Airzone Acuazone Think wireless monochrome thermostat [white/black]          | 2   |
| 5 AZDI6LITE [C/R] [B/N] | Airzone Acuazone Lite Thermostat [wired/wireless][white/black]               | 1   |
| 6 AZDI6MZZON [C/R]      | Airzone actuator zone module [wired/wireless]                                | 3   |
| 7 AZDI6MCFAN [C/R]      | Airzone 3 speed fan coil individual unit zone module [wired/wireless]        | 1   |
| 8 CPCC [DIAMETER] MTE   | Motorised circular duct damper   | 3   |
| 9 AZDI6OUTPUT8          | Airzone control module of radiant elements - 32 zones                        | 1   |
| 10 AZX6CCPGAWI          | Airzone hydraulic production control board                                   | 1   |
| 11 AZX6GAW [XXX]        | Airzone - [brand] air to water hp gateway                                    | 1   |
| 12 AZX6AC1VALC          | Airzone wired thermostatic valve actuator 110/230v VALC for radiant elements | 4   |
| 13 AZX6WSPHUB           | Airzone Cloud Dual Webserver HUB 2.4-5G - Ethernet                           | 1   |



Independent temperatures



Time schedules



Combined control



Remote control\*



Weather forecasts\*



Residential and commercial

## A versatile solution

Acuazone adapts to the most complex applications by allowing efficient and intuitive integration. Particularly appealing for commercial buildings, this system offers a wide variety of combinations.

## Dynamic control

The combined stage makes it possible to control the units of different thermal emitters and thus to optimise the operation of the mixing valve with the control of the temperature of the water produced.

## An integrated solution

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

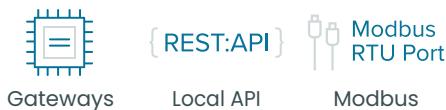
- Airzone Cloud Application.
- Voice assistants Amazon Alexa or Google Assistant.
- Modbus Protocol.
- KNX, BACnet or WAGO integration gateways.
- Drivers: Control4, Crestron, Eedomus, Fibaro, Jeedom and RTI.
- Cloud API and REST API.

\* Applicable when the System has an Airzone Cloud Webserver.

# Integration

Connect your HVAC units to the leading building management systems with our solutions

Airzone allows you to integrate the entire HVAC application with the main home automation and BMS systems also by giving access to the latest IoT trends such as voice control.



## Gateway

**Integration gateways** for any technology.

### KNX Gateway

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



### BACnet/IP Gateway

- Plug&Play.
- One BACnet gateway per Airzone system.
- Control of up to 32 zones.
- Accessible from Airzone Cloud.
- Ethernet/Wi-Fi connection.



### Lutron Gateway

- Plug&Play.
- One Lutron gateway per Airzone system.
- Control of up to 32 zones.
- Accessible from Airzone Cloud.
- Ethernet/Wi-Fi connection.

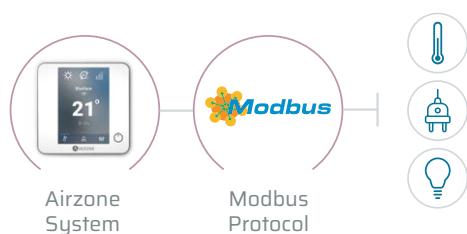


## Local API

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

- Plug&Play.
- Control of up to 32 Airzone systems and 32 zones per system.
- Accessible from Airzone Cloud.
- Ethernet connection.

The Local API is open for integration of HVAC control with other home automation systems.



## Modbus

Direct control from the home automation port included in the control unit.

- Control of up to 99 Airzone systems.
- Control of up to 32 zones per system.

## New! Airzone Cloud HUB Webserver

The new Airzone Cloud HUB Webserver module provides cloud connectivity to Airzone systems. Always stay in control of your air conditioning by turning your devices into control interfaces. Anytime, anywhere.

- Control up to 32 Airzone systems.
- Ethernet port.
- RS845 port for BACnet, MS/TP, Modbus.
- Wi-Fi 2.4 GHz/5 GHz connectivity.
- Bluetooth Low Energy (BLE) connectivity for configuration.



# Aidoo devices

The **connectivity and integration** you were looking for



## Aidoo Pro Fancoil

Allows **fan and valve control** for both 0-10 V type units and units with up to 3 speeds.

- Control of electro valves by all/nothing or 0-10 V demand.
- 3-speed or 0-10 V fan control.
- Open window detection, presence detection and Eco mode.
- Measurement of zone temperature and heating/cooling temperature.

Airzone  
System

Aidoo  
Fancoil

Airzone  
Cloud



## Aidoo Z-Wave

Gateway for the **control and integration** of Inverter machines in Z-Wave systems.

- Z-Wave network communications.
- Error detection during communication.
- Control of the different parameters of the equipment.
- External power supply through the indoor unit/external power supply.
- Port for integration via Modbus protocol.

Allows the **management and integration of individual units** in KNX TP1 control systems. Easy configuration from ETS, Aidoo KNX allows the control of Inverter/VRF units.

- Control of any unit connected in a KNX system.
- Control of the different parameters of the unit.
- KNX control and KNX standard data.
- 3 configurable digital inputs.
- Communication error detection.
- Detection of communication errors.



Aidoo  
Z-Wave



Z-Wave  
System



Aidoo  
KNX



KNX  
System



New!

## Aidoo Pro Controller

Full integration solution to control individual Inverter/VRF units remotely. Compatible with both ducted & ductless HVAC..

- Integration with any HA/BMS system via local/Cloud API, Modbus protocol (MODBUS RTU) or BACnet MSTP.
- Compatible with 3rd party smart thermostats without losing inverter features
- Integrable in 3rd party Cloud Ecosystems
- On/Off dedicated output and input.
- Airtools and Airzone Aidoo App for HVAC.
- Keeps Inverter features of the HVAC unit intact.



## Aidoo Wi-Fi

Compatible with both **ducted and ductless** HVAC units, Aidoo Wi-Fi interface for Inverter/ VRF ducted and ductless units.

- Airzone Aidoo App for Android and iOS.
- Allows the Cloud and Voice control of the HVAC system.
- Full two-way communications with the HVAC unit.
- Reading of HVAC unit warnings and errors.
- Voice control (Alexa, Google Home and Apple Home Kit).
- Time scheduling of user modes, temperature & operation mode.
- Allows integration through Modbus.







Designed &  
Manufactured in EU

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