



HVAC and Indoor Air-Quality Management Systems

OPTIMIZE BUILDING ENERGY PERFORMANCE

Climate Control People



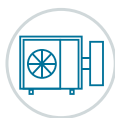
+200 COMPATIBLE BRANDS



Direct expansion / VRF



Fan coil units



Heat pumps



Ventilation and heat recovery

+40 INTEGRATION OPTIONS



BMS



Standard protocols



IoT

For more than 25 years, Airzone has been dedicated to researching and developing solutions to provide tailored controls for all types of HVAC systems.

Our control solutions **improve the energy efficiency of both new and existing heating, ventilation, and air conditioning systems** while simultaneously enhancing user comfort.

COMPATIBLE WITH OVER 200 HVAC MANUFACTURERS

We work closely with industry leaders to ensure that our solutions can be seamlessly and reliably integrated with a wide range of air conditioning and air quality systems.

TECHNOLOGICAL INNOVATION AND CONNECTIVITY

We develop innovative solutions by leveraging the latest technologies available on the market. The primary goal of Airzone solutions is to ensure cutting-edge connectivity between our systems and other applications in both residential and commercial settings.

AN INTERNATIONAL COMPANY

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

500+ EXPERTS AT YOUR SERVICE

Airzone's team of highly qualified professionals will support you through every stage of your project.

COMMITTED TO SUSTAINABILITY

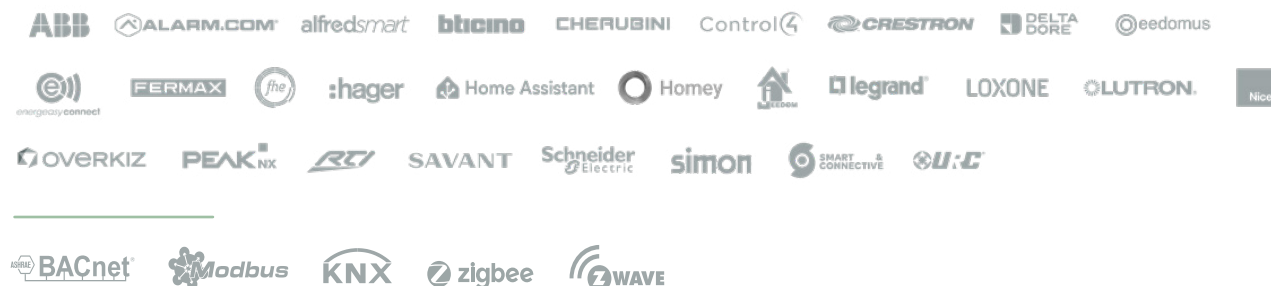
Airzone ranks among the top 5% of companies for sustainability. It is also in the top 1% for sustainable purchasing practices.



HVAC MANUFACTURERS



BMS AND HOME AUTOMATION



Moving Forward Together in the Energy Transition

Certifications that support your projects

Airzone delivers practical solutions for today's environmental and regulatory challenges by focusing on enhancing thermal comfort for users and improving building energy ratings.

EN ISO 52120 **B**

This standard defines a structured set of **building automation and control** (BAC) functions that impact a building's **energy performance** and technical management (TBM).

Within this framework, **Energy Efficiency Class B** ("Advanced") is achieved through the implementation of BUS-based automation systems and centralized coordination functions.



Energy Performance of Buildings Directive

By integrating Airzone's HVAC control and regulation systems, developers and building owners can support compliance with the revised EPBD, the European Union's key framework for improving energy efficiency and accelerating building decarbonisation. The directive sets mandatory requirements for building automation, individual room temperature control, indoor air quality monitoring and demand-response readiness in new and renovated buildings.

In line with these requirements, **Airzone delivers a comprehensive HVAC control solution that supports EPBD compliance** through precise room-by-room temperature regulation, scheduling, and continuous monitoring of energy use and indoor environmental conditions. This helps reduce energy consumption, improve comfort and support more efficient building operation.

For non-residential buildings and larger installations, Airzone solutions address EPBD requirements related to automation, indoor air quality management and grid interaction, including demand-response functionality. Through modular and interoperable HVAC control platforms, Airzone provides a practical and scalable pathway to EPBD compliance while enhancing overall energy performance and indoor environmental quality.

Sustainable building certifications

Our solutions support compliance with leading sustainable building standards, such as LEED®, BREEAM®, and WELL®, helping improve energy efficiency, indoor environmental quality, and occupant comfort.

By integrating our control systems, buildings can reduce their environmental impact, enhance operational performance, and achieve internationally recognized sustainability certifications.



PEP Ecopassport



Our devices are certified under PEP Ecopassport, the leading environmental program for products in the electrical and electronic industries, as well as in heating and cooling.

This certification is based on the Life Cycle Assessment (LCA), which rigorously and transparently evaluates a product's impact, from the extraction of raw materials to the end of its useful life.

As a result, manufacturers can clearly communicate a product's environmental footprint and promote more sustainable decision-making.

Indoor air-quality certifications



AirQ Sensor carries this certification, which ensures accurate measurement of indoor air quality.

RED-DA



All our products with wireless connectivity and direct or indirect Internet access **are designed and manufactured in full compliance with the requirements of the European RED-DA (Radio Equipment Directive + Delegated Act).**

This certification guarantees data security for users and strengthens device protection against potential cyberattacks, helping to ensure a safer, more reliable digital environment.



Airzone Technology

Save up to 30% on HVAC energy use

HVAC accounts for more than 50% of a building's total energy consumption. Thanks to Airzone's advanced zoning and control algorithms, the energy use of these systems can be reduced by up to 30%.¹



Maximum efficiency

Airzone technology regulates the operation of heat pumps and adapts it to the specific thermal requirements of each room.

The algorithms integrated into Airzone's solutions ensure **maximum user comfort whilst improving efficiency of the unit**. The aim is to maximize the operating time of indoor units under partial-load conditions.

SOLUTIONS FOR ANY TYPE OF HVAC SYSTEM

Our solutions provide **centralized control for the leading HVAC systems on the market**, including both zoned and individual applications.



Air-to-water heat pumps



VRF



Multi-split and mono-split with direct expansion



Radiators



Underfloor heating and cooling



Hydronic fan coil units

Caring for our users' well-being

In addition to temperature control, Airzone technology enables air purification whenever needed. **The solutions in our AirQ range improve indoor air quality by replicating a natural process known as ionization**. This technology releases negative ions to neutralize harmful airborne particles, generating cleaner indoor air.

INDOOR AIR-QUALITY CONTROL

AirQ Sensor continuously monitors the key parameters that affect indoor air quality. Using a calculated air-quality index, AirQ Sensor automatically activates the appropriate devices to purify the air in the room, ensuring a pleasant sense of well-being.



Air-quality status indicator: good, medium, and low.



Zone readings for room temperature, relative humidity, CO₂, PM_{2.5}, PM₁₀, and VOCs.



Controlled mechanical ventilation management.



Independent control via the Airzone Cloud app.



Heat recovery

¹Data obtained from TRNSYS simulations in the *Report on the Airzone Zoning Model and its Comparison with a Non-Zoned System*.

The Solution for Smart Buildings

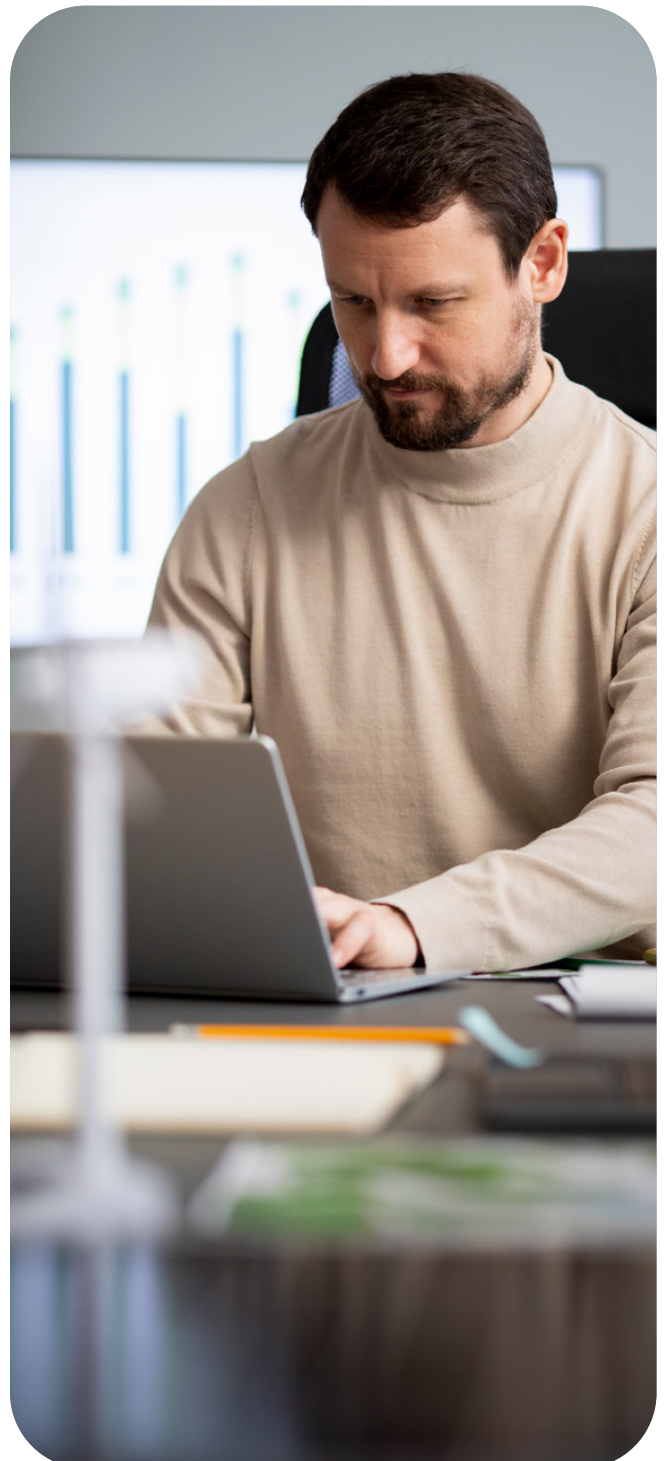
Comprehensive building management

The synergy among the systems within a building plays an essential role in achieving energy savings. **Airzone offers a wide range of integration solutions**, allowing you to select the most appropriate BMS for your project.

This connection between HVAC systems and the BMS helps achieve a Class A energy rating under the European Energy Performance of Buildings Directive (EPBD), strengthening the building's overall energy efficiency.

Also, you can easily automate existing commercial buildings using the latest wireless technology, including **Z-Wave, Zigbee, and REST APIs**.

Technologies based on standard protocols, such as **Modbus, BACnet, and KNX**, remain highly relevant and offer broad compatibility with various BMS platforms.



Integration Technology

Centralized remote control across all systems

Airzone control solutions enable centralized control of a building's entire HVAC system via the Airzone Cloud app, as well as seamless management from leading BMS platforms.



***AIRZONE WEBSERVER: CONNECTIVITY AND INTEGRATION FOR ZONED CONTROL**

The Webserver HUB integrates full HVAC system control into building management platforms.

This device works alongside our control systems. It enables zoned control of the building's HVAC systems, whether direct expansion, fan coil units, underfloor heating, or radiators, while also supporting indoor air quality monitoring and management.

The combined control of these technologies delivers optimal comfort for users and maximizes energy savings.



AIDOO: CONNECTIVITY AND INTEGRATION FOR INDIVIDUAL UNITS

Aidoo devices connect a building's individual HVAC systems, whether **direct expansion systems, fan coil units, heat pumps, or ventilation systems**, via **Wi-Fi or Ethernet**.

To ensure a broad range of integration options, the Aidoo range supports all major standard communication protocols, including: **BACnet, Modbus, API, KNX, Z-Wave, and Zigbee**.

Aidoo provides **centralized, multi-brand, multi-protocol, and multi-site control of HVAC systems**.



*An Airzone Cloud Webserver HUB is required to integrate an Airzone control system or manage it through the Airzone Cloud app.

Integration options

Airzone's goal is to **simplify connectivity between HVAC systems** and building automation and energy-management solutions.

Our solutions support numerous integration possibilities:



| HVAC control communication protocol | DIRECT EXPANSION | | CHILLED/HOT WATER SYSTEMS | | | | | HEAT RECOVERY VENTILATION |
|-------------------------------------|------------------|---------------|---------------------------|-------------------------|--------------------------|---|----------------------------|---------------------------|
| | Individual zone | Multi-zone | Individual fan coil unit | Air-to-water heat pumps | Multi-zone fan coil unit | Multi-zone underfloor heating and cooling | Multi-zone water radiators | Single zone |
| BACnet MS/TP | Aidoo Pro DX | Webserver HUB | Aidoo Pro Fan coil | - | Webserver HUB | Webserver HUB | Webserver HUB | Aidoo Pro Ventilation |
| BACnet IP | Aidoo Pro DX | Webserver HUB | Aidoo Pro Fan coil | - | Webserver HUB | Webserver HUB | Webserver HUB | Aidoo Pro Ventilation |
| Modbus RTU | Aidoo Zigbee | Webserver HUB | Aidoo Pro Fan coil | Aidoo Pro Air To Water | Webserver HUB | Webserver HUB | Webserver HUB | Aidoo Pro Ventilation |
| | Aidoo Z-Wave | | | | | | | |
| | Aidoo Pro DX | | | | | | | |
| Modbus TCP | Aidoo Pro DX | Webserver HUB | Aidoo Pro Fan coil | Aidoo Pro Air To Water | Webserver HUB | Webserver HUB | Webserver HUB | Aidoo Pro Ventilation |
| KNX | Aidoo KNX | KNX gateway | - | Aidoo KNX | KNX gateway | KNX gateway | KNX gateway | - |
| Cloud API | Aidoo Pro DX | Webserver HUB | Aidoo Pro Fan coil | Aidoo Pro Air To Water | Webserver HUB | Webserver HUB | Webserver HUB | Aidoo Pro Ventilation |
| REST API | Aidoo Pro DX | Webserver HUB | Aidoo Pro Fan coil | Aidoo Pro Air To Water | Webserver HUB | Webserver HUB | Webserver HUB | Aidoo Pro Ventilation |
| Zigbee | Aidoo Zigbee | - | - | - | - | - | - | - |
| Z-Wave | Aidoo Z-Wave | - | - | - | - | - | - | - |

Solutions for Businesses

System remote control

The Aidoo Pro HUB provides a Plug&Play solution for connecting all direct expansion or fan coil systems,

enabling simplified, comprehensive control via the Airzone Cloud app.



MULTI-BRAND

Through close collaboration with leading manufacturers, **Airzone offers a comprehensive solution for connecting and controlling multiple indoor units, regardless of the brand.** This makes it possible to centralize the management of all units and better cater to the demands of each site.

TEMPERATURE RANGES AND TIME SCHEDULES

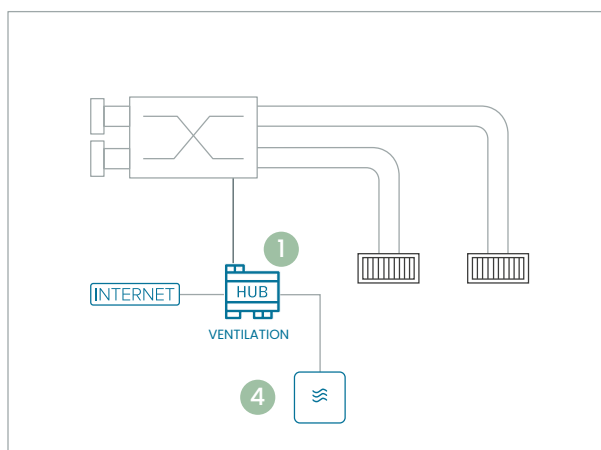
Aidoo allows users to define **parameters to regulate temperatures and air conditioning usage** according to seasonal changes and actual demand.

INDOOR AIR-QUALITY MEASUREMENT AND CONTROL

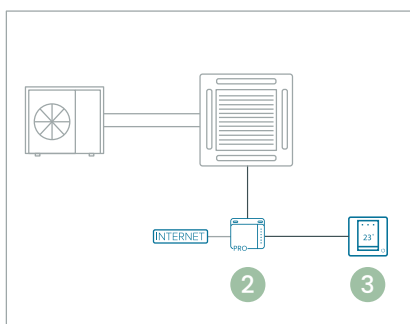
AirQ Sensor continuously monitors the key variables that affect air quality, calculates an indoor air quality index, and reports it to the user through a green (good), yellow (medium), or red (low) indicator light. It can activate the necessary systems to improve air quality through ionization, ventilation, or a combination of both.

- Temperature ranges and time schedules
- Remote management
- Centralized management
- Indoor air-quality control
- New construction / Renovation

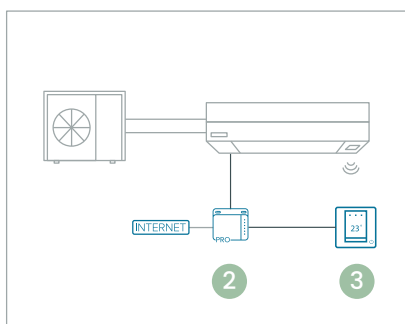
———— AIRZONE BUS CABLE
 ——— AIRZONE R/B CABLE



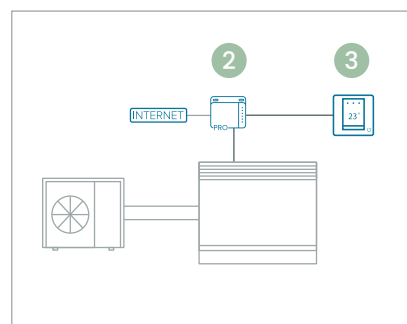
Business in Berlin



Business in Brussels



Business in London



Business in Athens

| | REFERENCE | DESCRIPTION | QTY. |
|---|-----------------------------------|--|------|
| 1 | AZA18HB1MB2 ¹ | Aidoo Pro HUB for Ventilation with Modbus communications | 1 |
| 2 | AZA16WSP [XXX] | Aidoo Pro [brand] | 3 |
| 3 | AZA16BLUEZEROC [B/N] ² | Airzone Aidoo wired thermostat - Blueface Zero [white/black] | 3 |
| 4 | AZAIQWSCSNS | Indoor Air Quality (IAQ) Wi-Fi AirQ Sensor | 1 |

A CONNECTED SOLUTION



<< Check compatibility with your indoor unit.

CENTRALIZED REMOTE MANAGEMENT

The Airzone Cloud app centralizes all systems into a single interface, providing unified control from any location.

MULTI-USER

Create different profiles so that each user type has access to the parameters they need to control.

¹ Available soon.

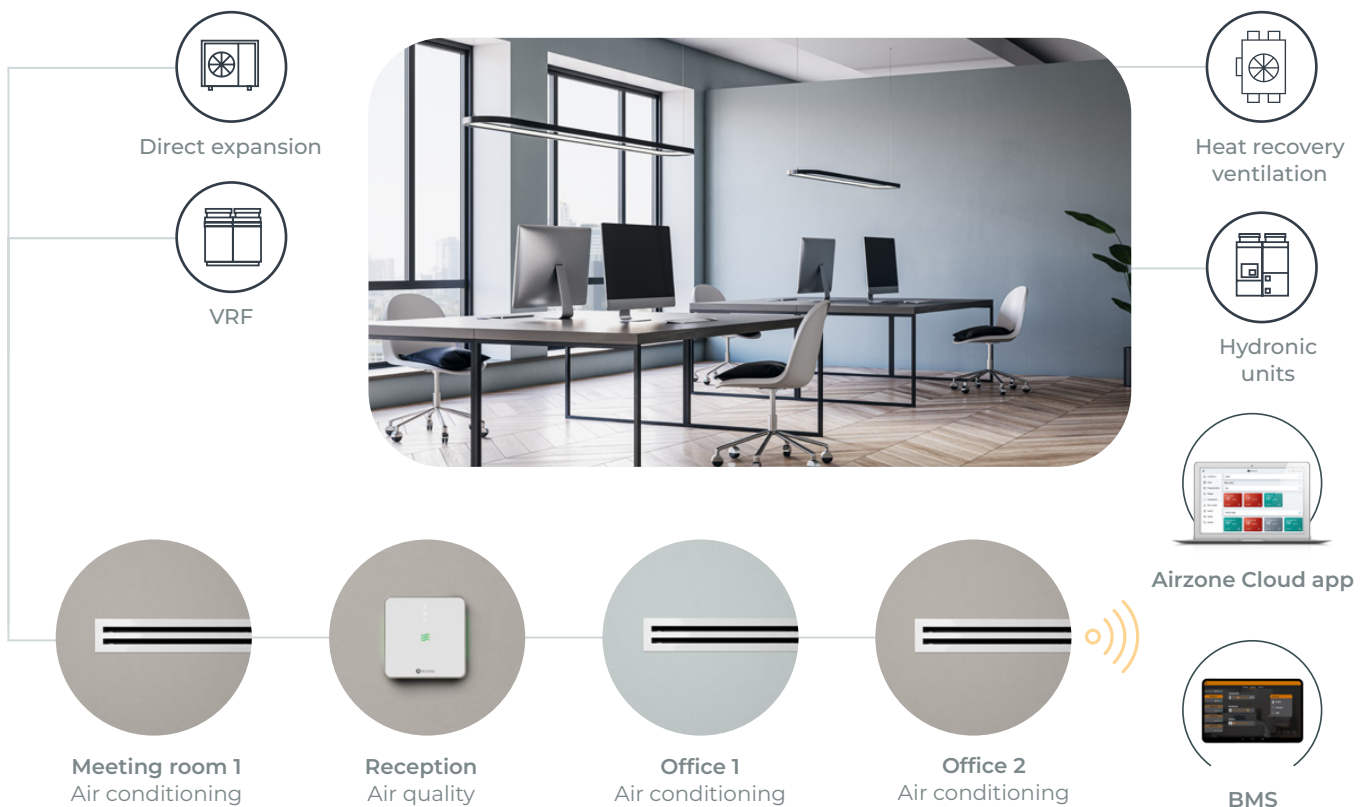
² Optional.

Offices

Modular control tailored to the needs of the workspace and floor layout

The Airzone control system offers a modular solution that enables zoned control for HVAC. **The Easyzone 25 motorized plenum is a Plug&Play solution that**

supports fresh air intake¹ or CMV. This solution can be used to regulate 2 to 8 zones.²



ZONED TEMPERATURE AND AIR-QUALITY CONTROL

Our Plug&Play solution **ensures user comfort through zoned temperature control** combined with continuous measurement and improvement of indoor air quality.

Each motorized damper is equipped with a patented regulation mechanism that balances airflow. Ionizers are included to purify the air when needed.

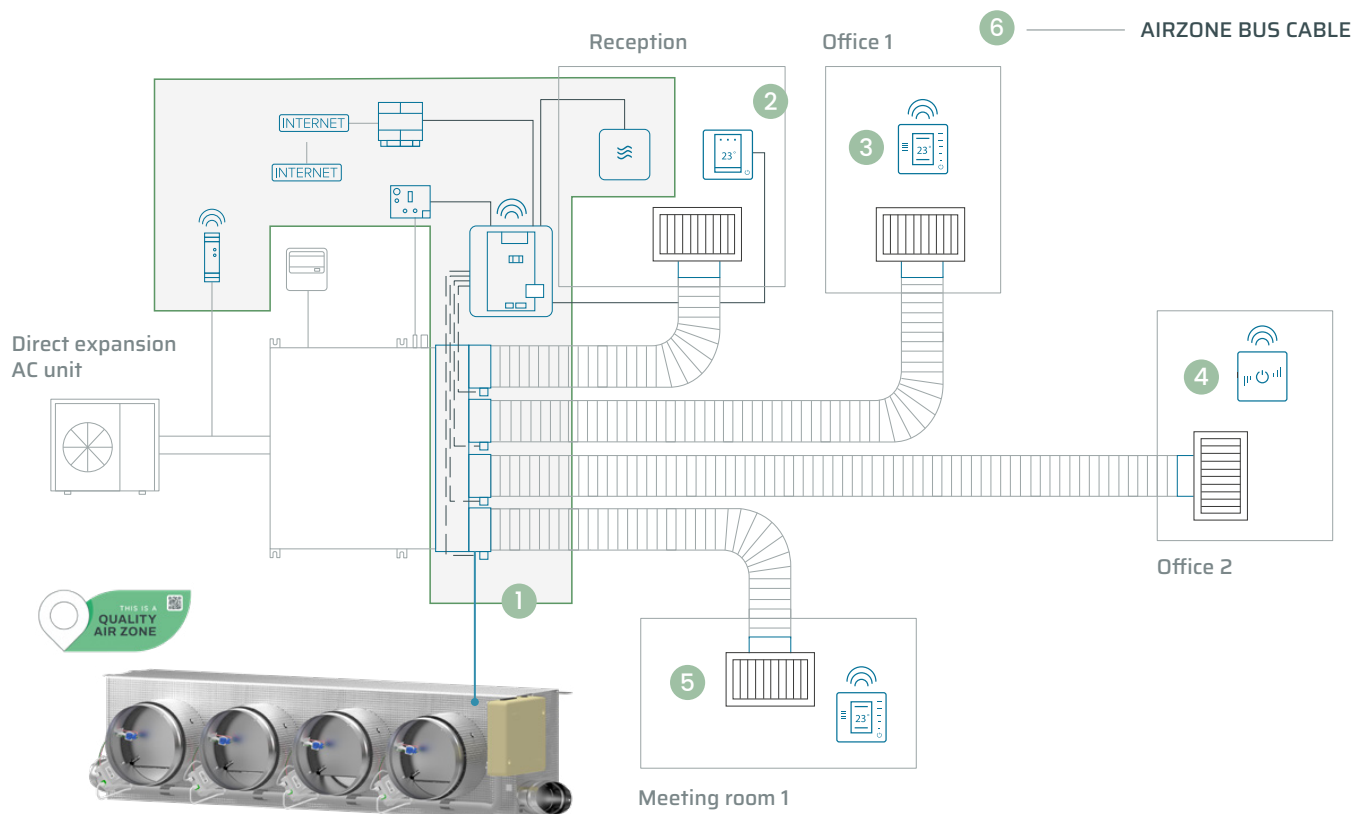
- **Minimum and maximum temperature ranges** for efficient operation using the Eco-Adapt function.
- Custom-made Plug&Play plenum **for each indoor unit.**

- **Three plenum models available:** Standard + CMV, Slim + CMV, and Medium.
- **Fluid leak detection** compatible with VRF R32 units.
- **Fan-speed control** via Q-Adapt.
- **Indoor air purification and improvement** through ventilation or ionization.
- **Air quality improvement** via ionization when AirQ Sensor detects a high concentration of harmful particles.
- **Control of energy use** with the electricity consumption meter.

¹Controlled mechanical ventilation (CMV) with dual-flow or supply-only ventilation.

²Solution also available for open systems with grilles or motorized dampers.

- Independent temperature controls
- Temperature time schedules
- Remote management
- Centralized management
- Indoor air-quality control
- New construction / Renovation



| REFERENCE | DESCRIPTION | QTY. |
|-----------|---|------|
| 1 | AZE25 [XXX] [ST/SL/BS] 4x [200/150] | 1 |
| | Easyzone 25 [Standard + CMV / Slim + CMV / Medium] IB8 [brand] 4x [200/150] 01M | |
| | Airzone controller gateway - [brand] | |
| | Airzone main control board - Flexa 25 - 8 zones | |
| | Individual ionizer for each damper | |
| | AirQ Indoor Air Quality Sensor | |
| | Webserver HUB Airzone Cloud Dual 2.4-5 GHz/Ethernet | |
| | Wi-Fi electricity consumption meter for three-phase installation | |
| 2 | AZCE6BLUEZEROC [B/N] | 1 |
| 3 | AZCE6THINKR [B/N] | 2 |
| 4 | AZCE6LITE [C/R] [B/N] | 1 |
| 5 | FRE [LENGTH] [HEIGHT] RLQV | 4 |
| 6 | AZX6CABLEBUSHF | 1 |

A CONNECTED SOLUTION

- Airzone Cloud
- BACnet MS/TP
- BACnet IP port
- Modbus RTU
- Modbus TCP
- {REST:API}
- API
- KNX Gateways



<< Easyzone
Packs
configurator

CERTIFICATION



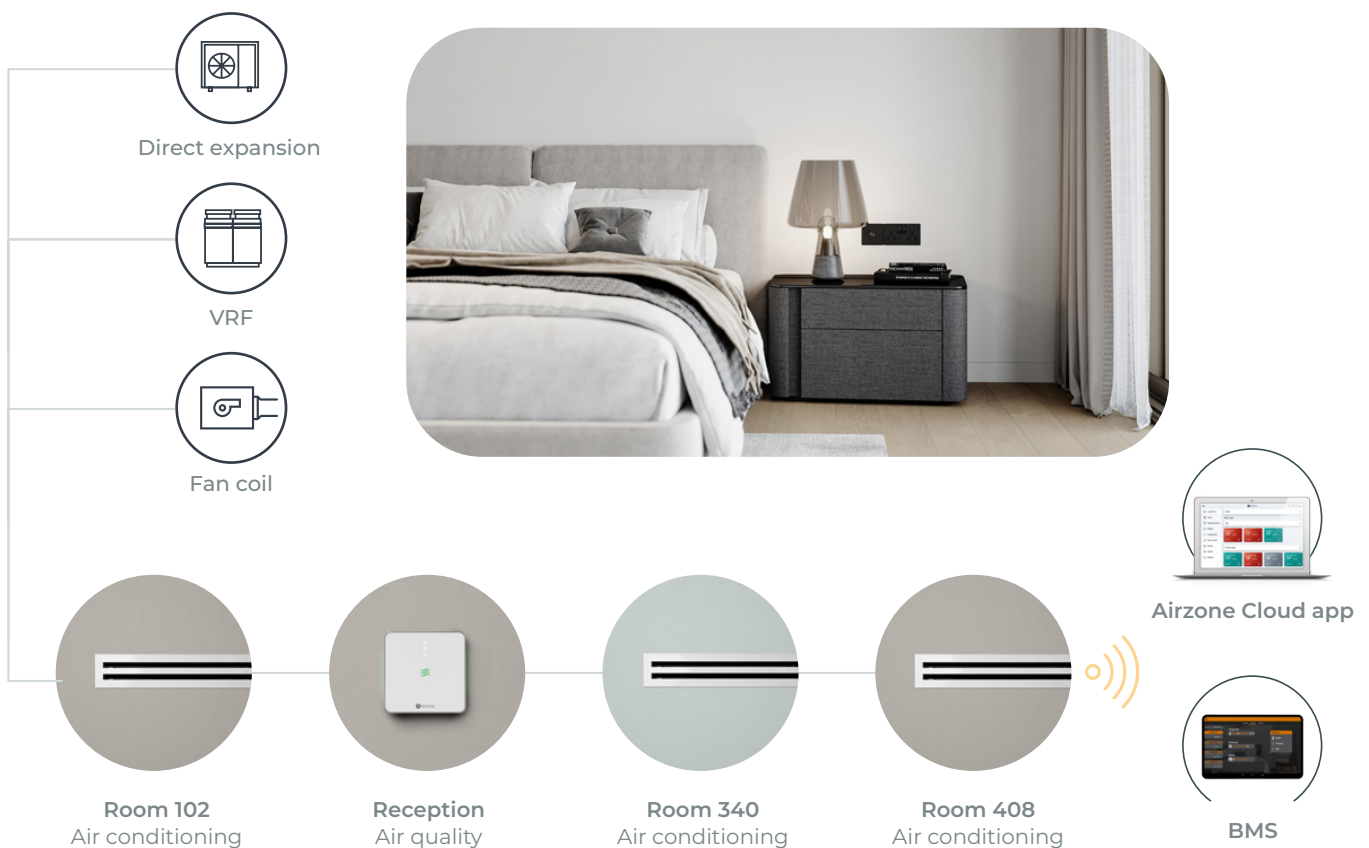
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Hotels

Centralized control of individual AC units

The Aidoo Pro solution **provides complete control even for older individual AC units**. Specifically designed for fan coil units, the Aidoo model allows multiple units to be controlled through a single application. It also

makes it possible to integrate this control within a building management system, providing simplified, centralized control of the entire system.



INDIVIDUAL AC UNIT CONTROL

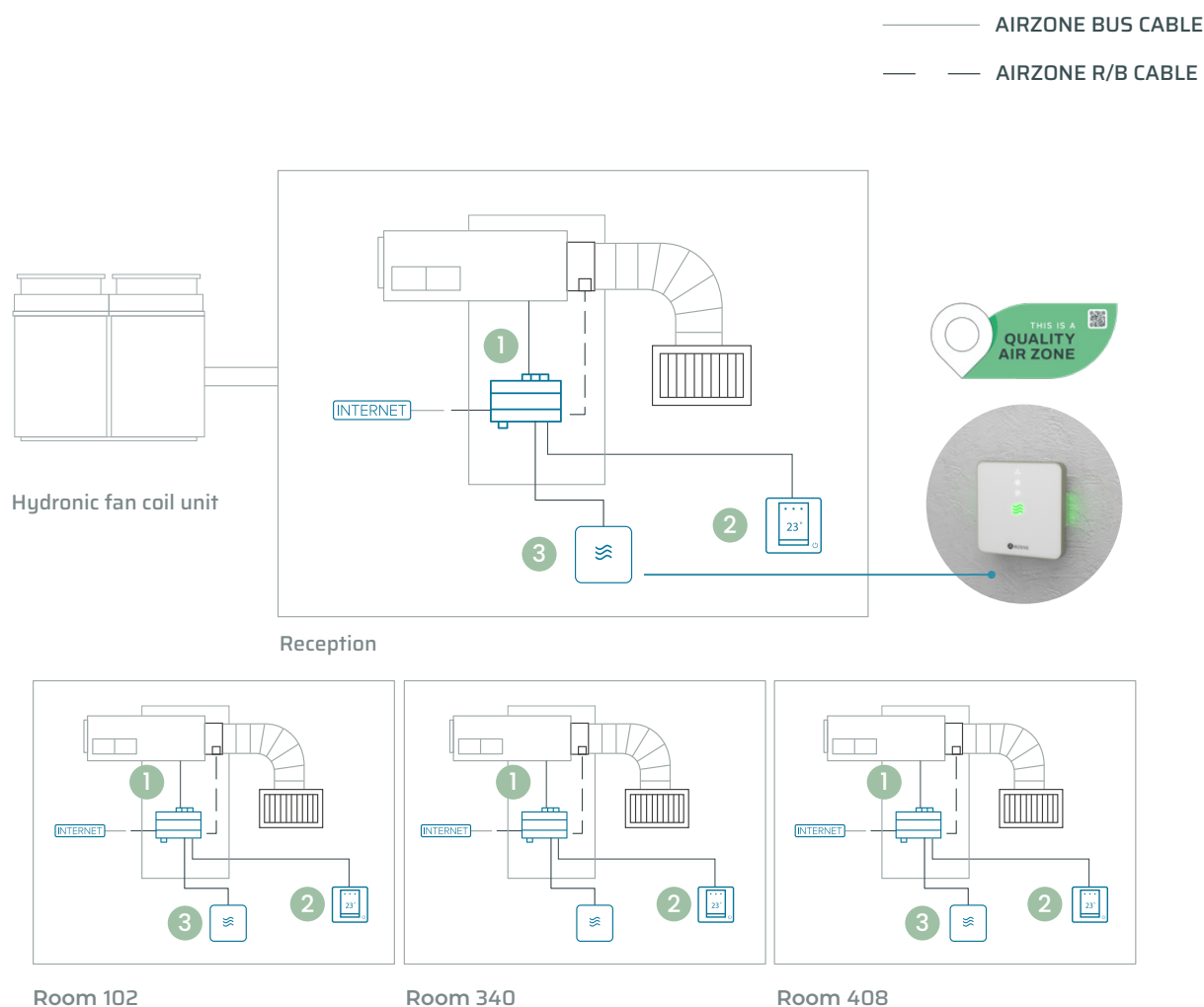
The Aidoo Pro Fan Coil **allows the system to be controlled individually** using a stylish, innovative thermostat.

- Allows the user to **turn the system on or off and select the set-point temperature**.
- **Fan-speed** control.
- **Automatic mode switching** via changeover sensor.
- **Optional pairing with AirQ Sensor to monitor**

indoor air quality and set the ventilation system to turn on when air quality can be improved.

- **Open-window and occupancy detection** to prevent energy waste.
- Auxiliary heating for **2-pipe, 4-pipe, and 2-pipe-2-wire installations**.

-  Independent temperature controls
-  Temperature time schedules
-  Remote management*
-  Centralized management
-  New construction / Renovation



| REFERENCE | DESCRIPTION | QTY. |
|-----------|---|------|
| 1 | AZAI6WSPFAN Aidoo Pro Fan Coil | 4 |
| 2 | AZCE6BLUEZEROC [B/N] Airzone Blueface Zero Thermostat wired [white/black] 8Z (CE6) | 4 |
| 3 | AZX6AIQSNSB AirQ Indoor Air Quality Sensor | 4 |

A CONNECTED SOLUTION



<< Check
compatibility
with your
indoor unit

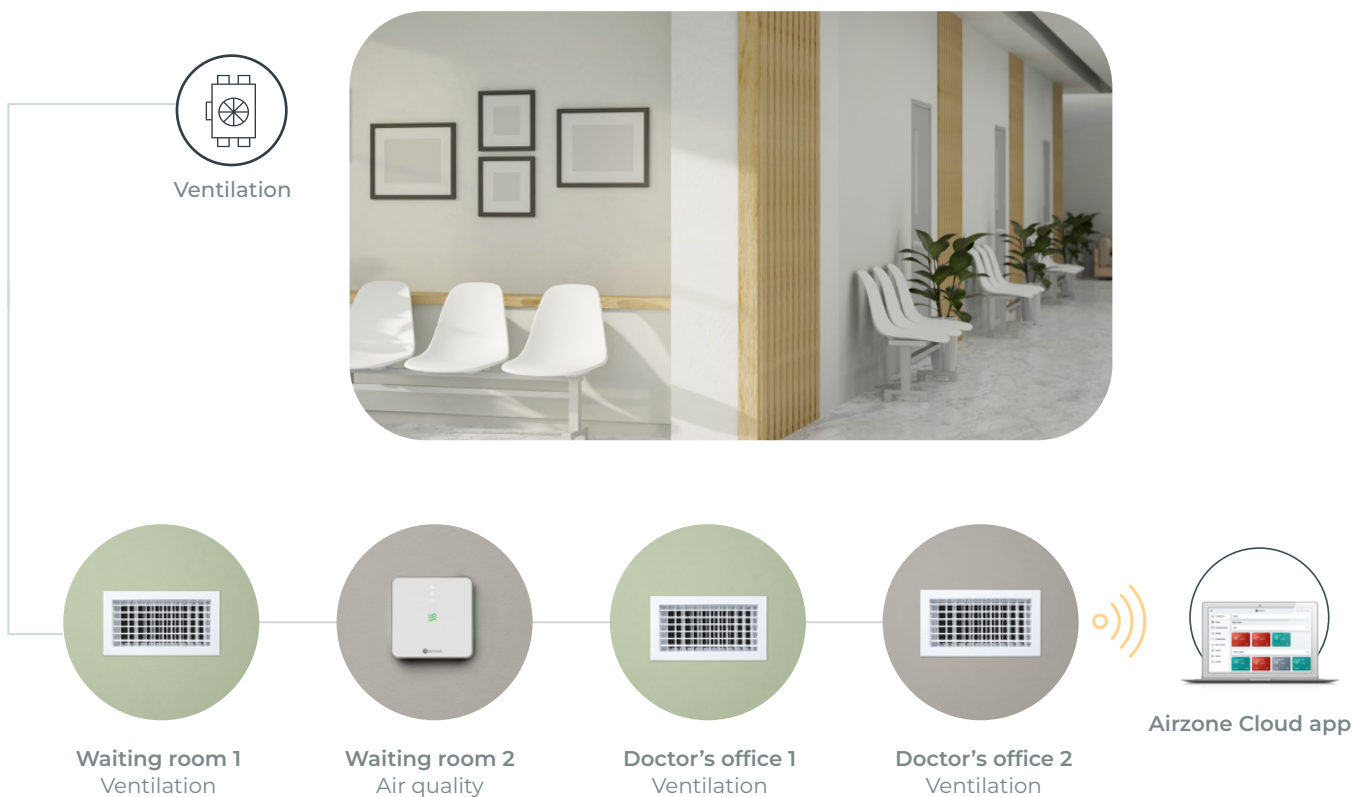
*Applicable if the system includes an Airzone Cloud Webserver.

Clinics

Continuous indoor air-quality monitoring and ventilation control

In healthcare facilities, ensuring a safe and comfortable environment is a top priority. **Wi-Fi AirQ Sensor continuously monitors air quality** and can be configured to automatically activate the ventilation or purification system whenever needed.

This highly versatile solution can operate as a stand-alone device, **connect to controlled mechanical ventilation (CMV) systems, integrate with Aidoo, or function within a complete Airzone system.**



KEY BENEFITS OF WI-FI AIRQ SENSOR:

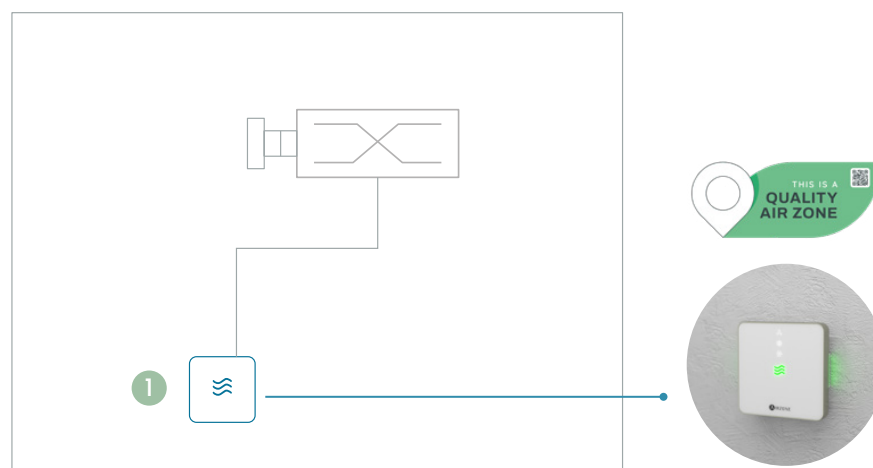
- **Helps prevent the negative effects associated with high levels of CO₂, VOCs, and particulate matter**, such as cognitive impairment, irritation, and respiratory issues.
- **Automatically activates the ventilation or ionization system** when sub-optimal indoor-air conditions are detected.
- **Ensures consistently high air quality** by adapting to changes in occupancy and environmental conditions.
- **Easily integrates with HVAC systems** for complete control over indoor comfort and health.
- **Allows remote monitoring and control of indoor air quality** via Airzone Cloud.
- **Enables integration with a BMS.**
- **Provides real-time visual feedback of air-quality status** through a color-coded indicator: green (good), yellow (medium), and red (low).
- **With Wi-Fi AirQ Sensor**, clinics can ensure a safe, healthy, and controlled environment for both patients and staff, improving indoor quality and perceived comfort with maximum simplicity.



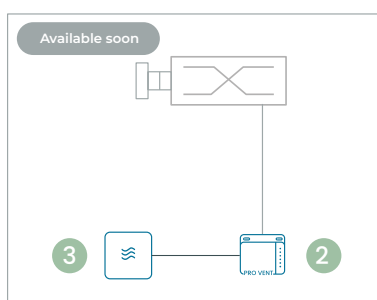
Air renewal via
ventilation



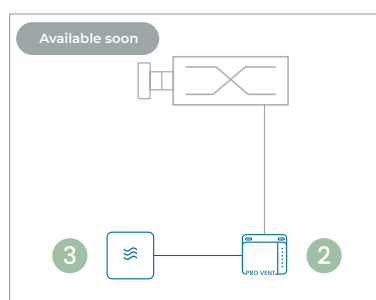
Remote
management*



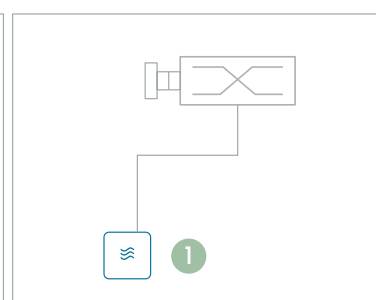
Waiting room 2



Waiting room 1



Doctor's office 1



Doctor's office 2

| REFERENCE | DESCRIPTION | QTY. |
|-----------|--|------|
| 1 | AZAIQWSCSNS Indoor Air Quality (IAQ) Wi-Fi AirQ Sensor | 2 |
| 2 | AZAI6WSPMB2 Aidoo Pro for ventilation units with Modbus communications | 2 |
| 3 | AZX6AIQSNSB AirQ Indoor Air Quality Sensor | 2 |

A CONNECTED SOLUTION



Airzone Cloud



<< Find out
more

*Applicable if the system includes an Airzone Cloud Webserver.

Private Buildings

Individual control of centralized heating

Solutions for buildings with a centralized heat production unit, where Airzone controls enable **individual regulation of the inlet valve** in each home.

With this capability, residents are able to individually regulate the heating in their own homes.



OPTIMIZED MANAGEMENT OF ZONED CENTRALIZED HEATING SYSTEMS

- **Temperatures can be set for comfort** in each home or space.
- **Minimum and maximum temperature ranges** for efficient control in each area with the Eco-Adapt function.
- **Enhanced comfort** through smart control of underfloor heating thermal inertia.
- **Heat generation management via communication gateways** and control of circulation pumps.
- Airzone thermostatic heads, **powered at 230 VAC**, for valve control in each space or home.¹

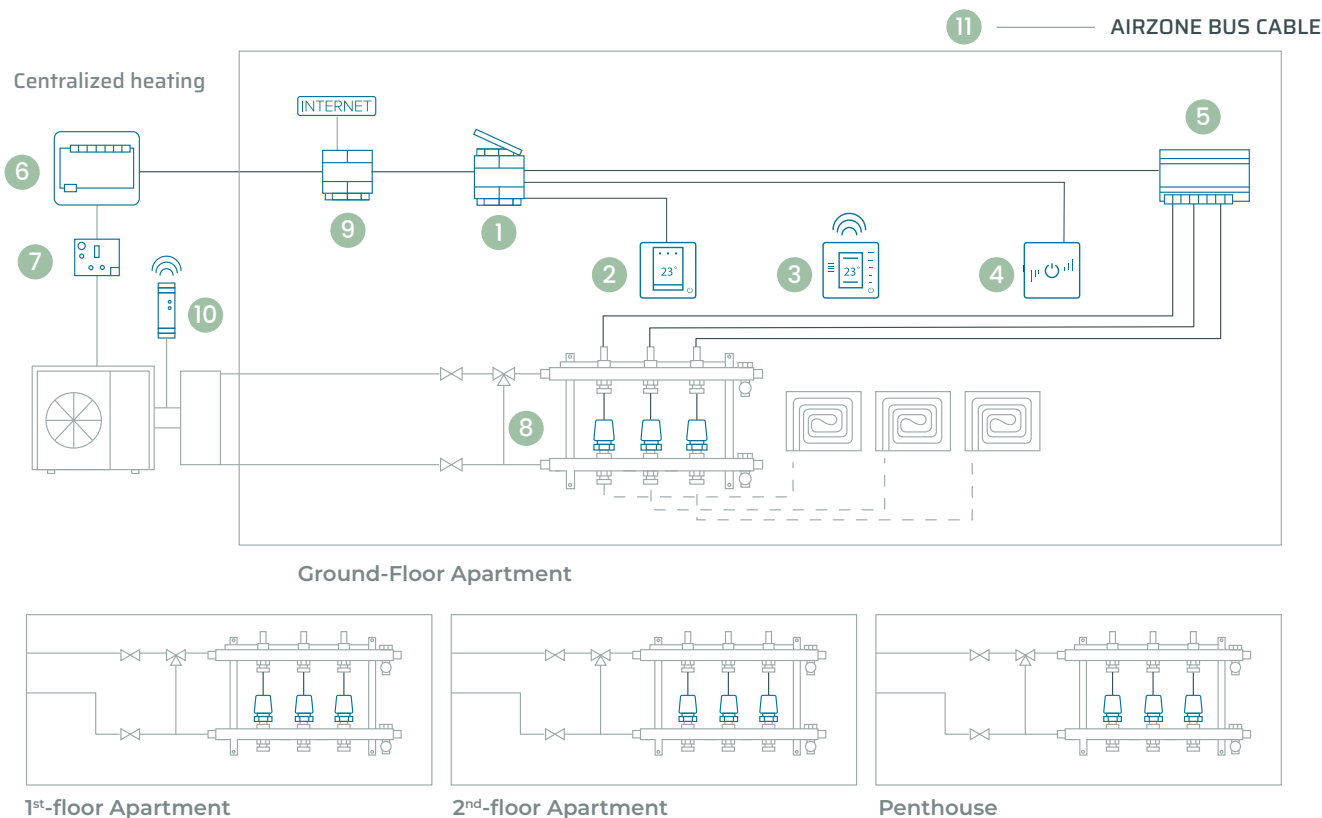
- **Condensation risk management** through zone humidity and room temperature monitoring, coupled with dehumidification control.

ENERGY CONSUMPTION CONTROL

The consumption meter allows users to monitor the real-time energy use of their HVAC system, providing valuable data through the Airzone Cloud app to help optimize consumption and reduce costs.

¹ It is also possible to use thermostatic heads from other manufacturers with external power at 110/230 VAC (50/60 Hz).

- Independent temperature controls
- Temperature time schedules
- Remote management*
- Centralized management
- New construction / Renovation



| REFERENCE | DESCRIPTION | QTY. |
|-----------|---|------|
| 1 | AZCE8CBIDIN Airzone Flexa 25 main control board on DIN rail for radiant heating/cooling control (8z) | 1 |
| 2 | AZCE6BLUEZEROC [B/N] Airzone Blueface Zero Thermostat wired [white/black] 8Z (CE6) | 4 |
| 3 | AZCE6THINKR [B/N] Airzone Think monochrome thermostat wireless [white/black] 8Z (CE6) | 4 |
| 4 | AZCE6LITE [C/R] [B/N] Airzone Lite thermostat [wired/wireless] [white/black] 8Z (CE6) | 4 |
| 5 | AZCE8CMIVALC Airzone Flexa 25 control module for wired thermostatic valve actuators 110/230V VALC | 1 |
| 6 | AZX6CCPGAWI Airzone hydronic production control board | 1 |
| 7 | AZX6GAW [XXX] Airzone air to water gateway - [brand] | 1 |
| 8 | AZX6AC1VALC Airzone wired thermostatic valve actuator 110/230v VALC for radiant elements M30x1.5 mm | 12 |
| 9 | AZX6WSPHUB Webserver HUB Airzone Cloud Dual 2.4-5 GHz/Ethernet | 1 |
| 10 | AZX8ACXMTW3 Wi-Fi electricity consumption meter for three-phase installation | 1 |
| 11 | AZX6CABLEBUSHF Airzone halogen-free bus cable (2x0,5+2x0,22) 100 m | 1 |
| 12 | AZST0102 Airzone Care 5 years warranty + Technical Service for 1-2 systems / 1-5 Aidoo | 1 |

A CONNECTED SOLUTION DESIGNED FOR RESIDENTIAL PROPERTIES



CERTIFICATIONS



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*Applicable if the system includes an Airzone Cloud Webserver.



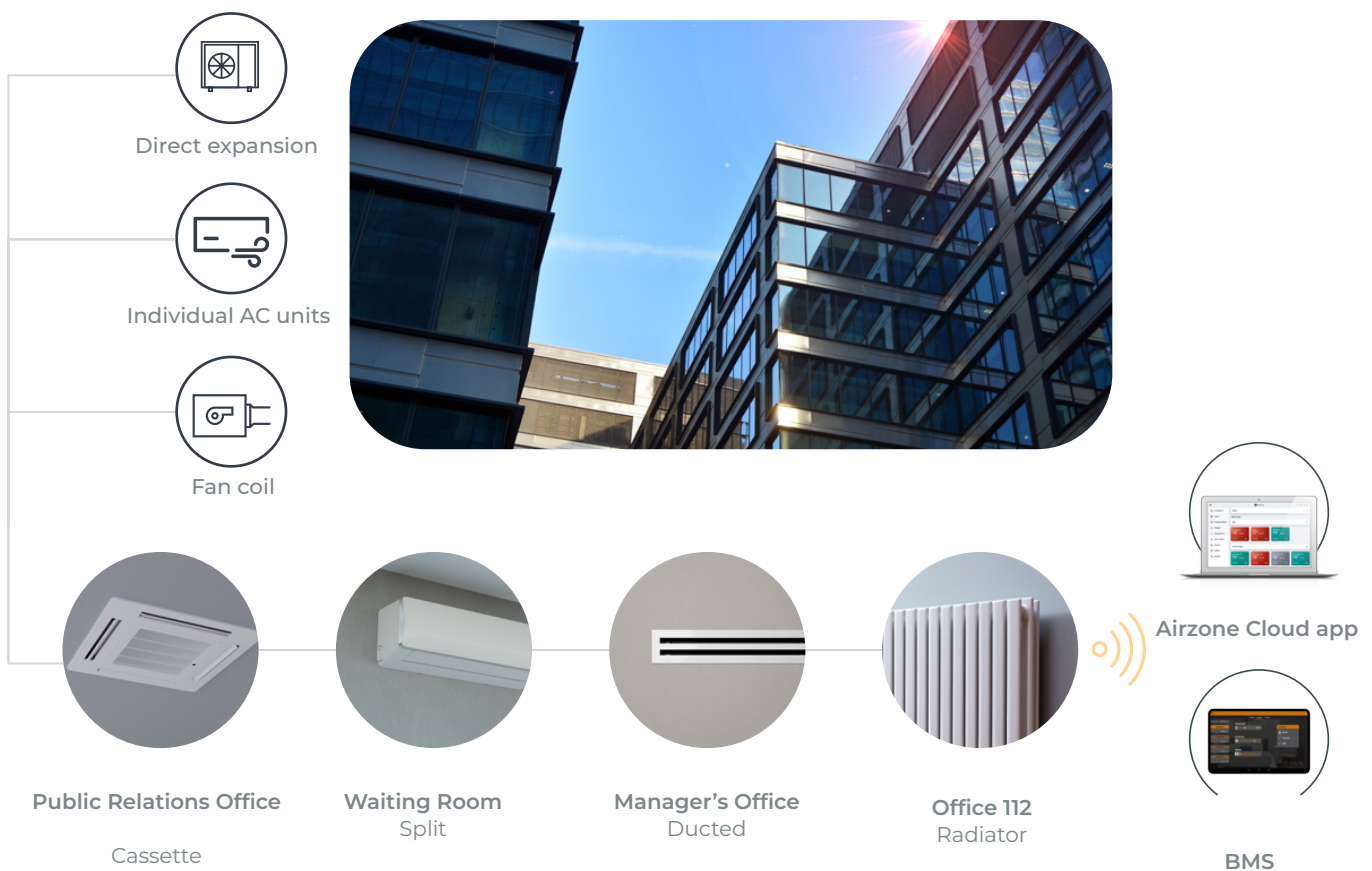
<< Underfloor heating configuration

Public Buildings

Integrated, flexible control for complex commercial systems

The Acuazone control system is an **HVAC management solution designed for public spaces, such as city halls, police stations, and post offices**, where comfort, efficiency, and simplified management are all essential. Acuazone enables centralized control of

multiple HVAC technologies (such as fan coil units, direct expansion systems, radiators, and individual AC units), delivering optimal performance via a single user interface.

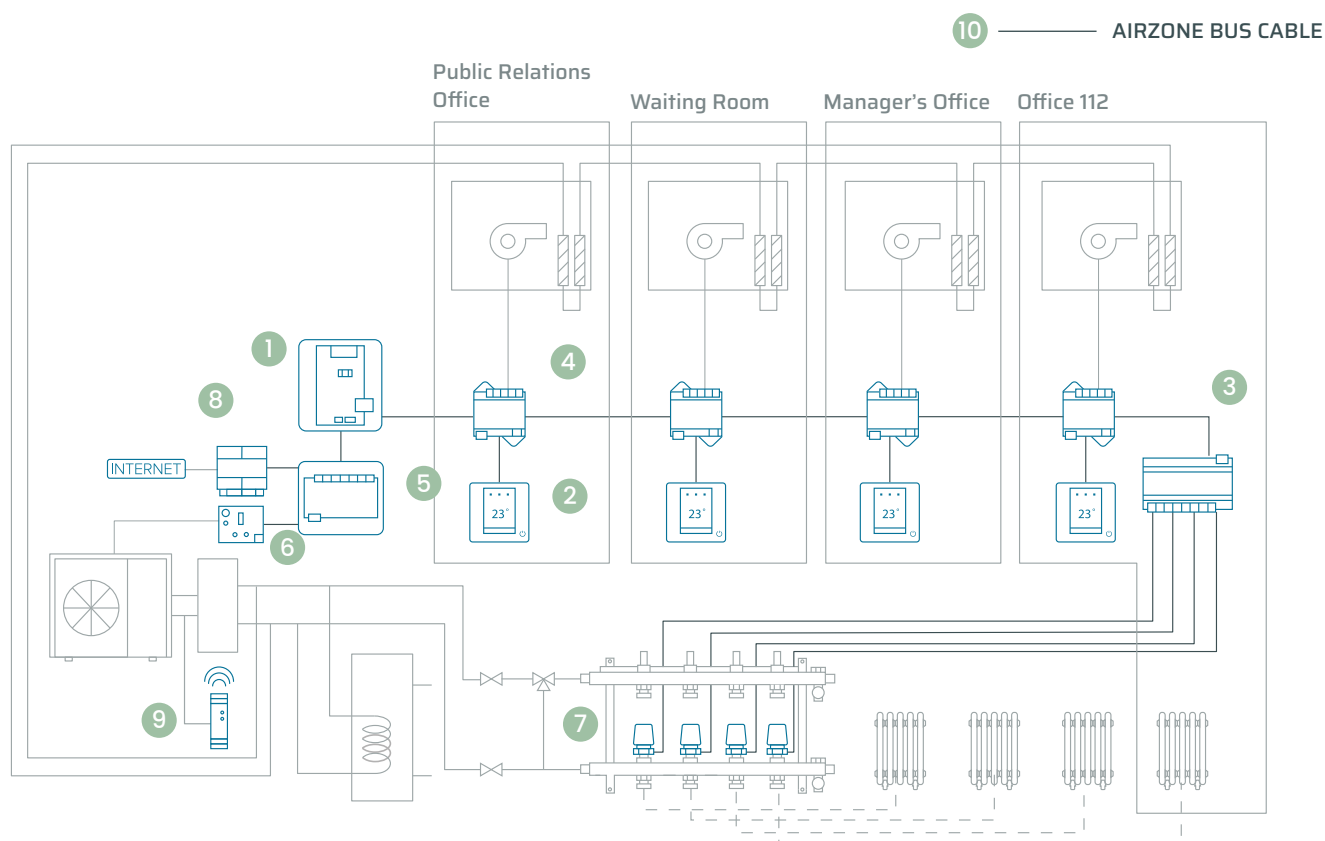


KEY BENEFITS OF ACUAZONE:

- **Centralized control** of multi-zone systems and individual single-zone units.
- **Comprehensive, coordinated** management to ensure a healthy and comfortable environment that maximizes user well-being.
- **Independent temperature controls** for each zone.
- **Combined control of different HVAC technologies** via a single thermostat for each zone.
- **Communication gateway tailored** to the indoor unit according to the manufacturer's protocols.

With Acuazone, all types of public buildings are able to deliver **maximum comfort for users through smart, flexible HVAC systems designed for the building's specific requirements.**

- 
Independent temperature controls
- 
Temperature time schedules
- 
Remote management*
- 
Centralized management
- 
New construction / Renovation



| REFERENCE | DESCRIPTION | QTY. |
|-----------|---|------|
| 1 | AZDI6ACUAZONE Airzone Acuazone main control board | 1 |
| 2 | AZDI6BLUEZEROC [B/N] Airzone Blueface Zero Thermostat wired [white/black] 32Z (DI6) | 4 |
| 3 | AZDI6OUTPUT8 Airzone control module of radiant elements 32Z | 1 |
| 4 | AZDI6ZMOFANC Fan coil individual unit zone module wired 0-10V/3SPD 32Z | 4 |
| 5 | AZX6CCPGAWI Airzone hydronic production control board | 1 |
| 6 | AZX6GAW [brand] Airzone air to water gateway - [brand] | 1 |
| 7 | AZX6ACTVALC Airzone wired thermostatic valve actuator 110/230v VALC for radiant elements M30x1.5 mm | 4 |
| 8 | AZX6WSPHUB Webserver HUB Airzone Cloud Dual 2.4-5 GHz/Ethernet | 1 |
| 9 | AZX8ACXMTW3 Wi-Fi electricity consumption meter for three-phase installation | 1 |
| 10 | AZX6CABLEBUSHF Airzone halogen-free bus cable (2x0,5+2x0,22) 100 m | 1 |
| 11 | AZST0102 Airzone Care 5 years warranty + Technical Service for 1-2 systems / 1-5 Aidoo | 1 |

A CONNECTED SOLUTION



BACnet MS/TP
BACnet IP port

Modbus RTU
Modbus TCP

{REST:API}



KNX
Gateways



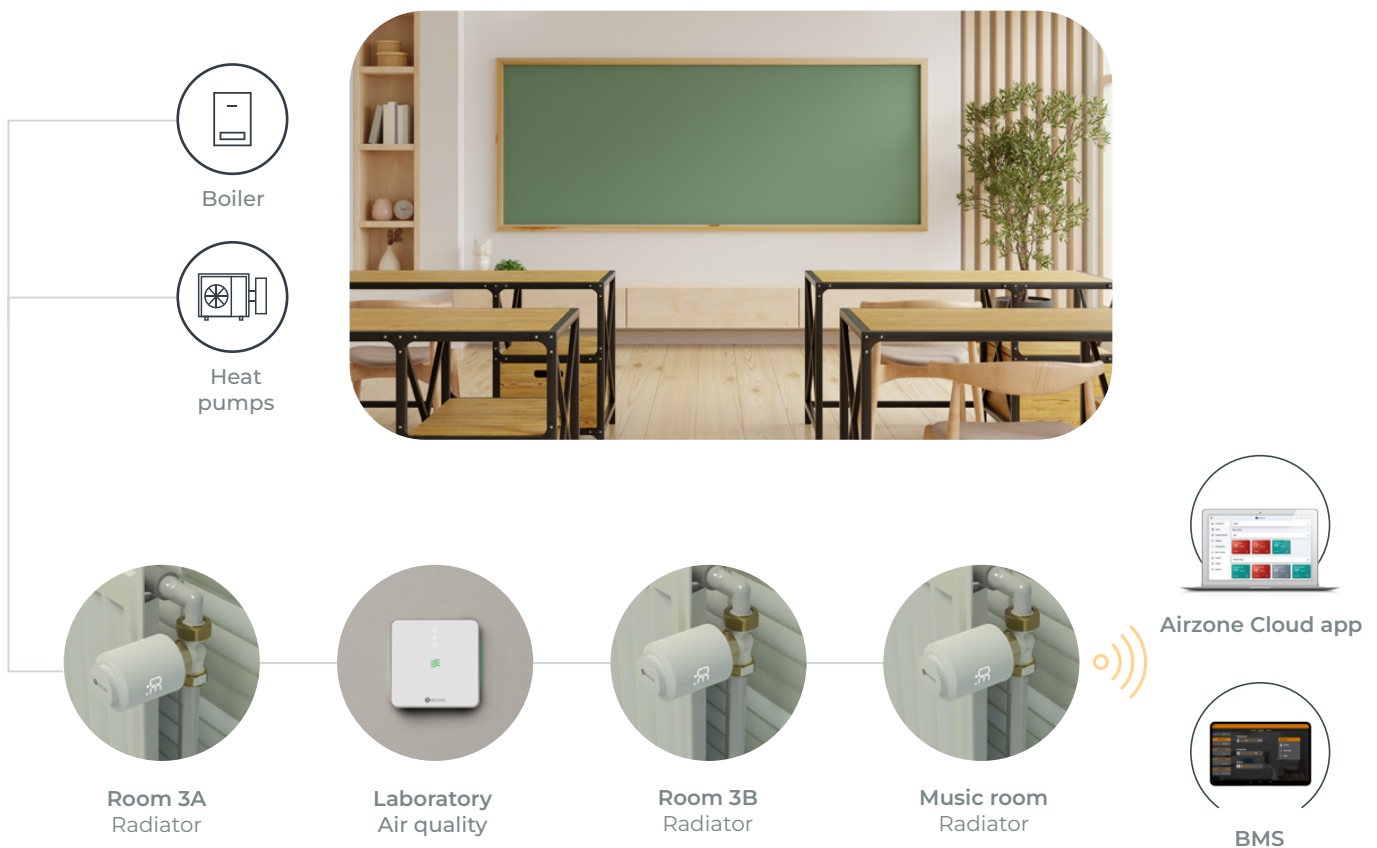
<< Find out more

Public Buildings

Optimized comfort and air quality

The Airzone HVAC control system provides precise zoned temperature control to ensure optimal comfort for occupants. **This Plug&Play solution is suitable for both new and retrofit centralized heating systems, is easy to install, and enables efficient management of the building's HVAC systems.**

In addition, our AirQ Sensor continuously monitors indoor air quality in real time. **When combined with a ventilation system and one of our air purification solutions,** it helps to maintain a clean, healthy indoor environment.



INDOOR AIR QUALITY UNDER CONTROL

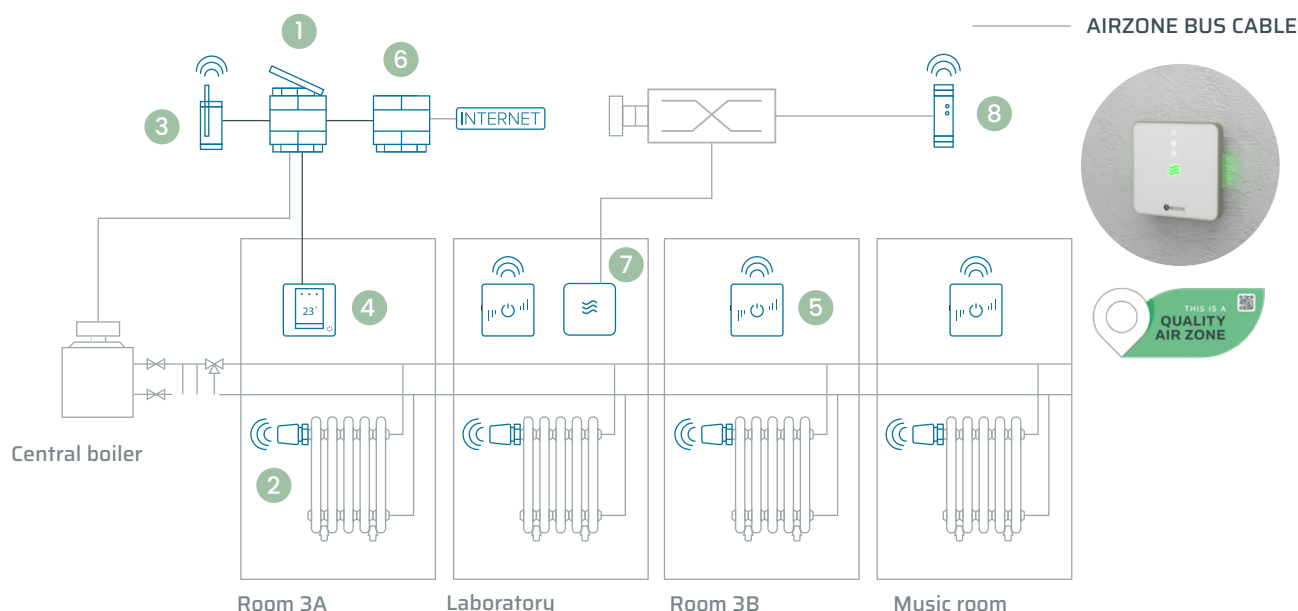
Our AirQ Sensor continuously monitors the key variables that affect air quality: **CO₂, TVOC, PM₁₀, PM_{2.5}, and relative humidity.** It indicates whether the air quality in a given area is “good,” “medium,” or “low.”

When connected to the ventilation system, **AirQ Sensor** automatically activates the ventilation when it detects low air quality caused by high levels of CO or volatile organic compounds (TVOC).

An AirQ air-quality solution can be configured using the following components:

- **Controlled mechanical ventilation (CMV).**
- **Dual-flow ventilation** (Dual-flow CMV).
- **Airzone motorized damper or grille** connected to the ventilation system.

- Independent temperature controls
- Temperature time schedules
- Remote management*
- Centralized management
- Indoor air-quality control
- New construction / Renovation



| REFERENCE | DESCRIPTION | QTY. |
|-----------|---|------|
| 1 | AZCE8CBIDIN Airzone Flexa 25 main control board on DIN rail for radiant heating/cooling control (8z) | 1 |
| 2 | AZX6AC1VALR Airzone wireless thermostatic valve actuator VALR for radiators M30x1.5mm | 4 |
| 3 | AZCE8CMIVALR Airzone Flexa 25 control module for wireless thermostatic valve actuators VALR | 1 |
| 4 | AZCE6BLUEZEROC [B/N] Airzone Blueface Zero Thermostat wired [white/black] 8Z (CE6) | 1 |
| 5 | AZCE6LITE [C/R] [B/N] Airzone Lite thermostat [wired/wireless] [white/black] 8Z (CE6) | 3 |
| 6 | AZX6WSPHUB Webserver HUB Airzone Cloud Dual 2.4-5 GHz/Ethernet | 1 |
| 7 | AZAIQWSCSNS ¹ Indoor Air Quality (IAQ) Wi-Fi AirQ Sensor | 1 |
| 8 | AZX8ACXMTW3 Wi-Fi electricity consumption meter for three-phase installation | 1 |
| 9 | AZX6CABLEBUSHF Airzone halogen-free bus cable (2x0,5+2x0,22) 100 m | 1 |

A CONNECTED SOLUTION



Modbus RTU
Modbus TCP

{REST:API}



KNX
Gateways



<< Radiator
settings

A SMART SOLUTION FOR RADIATORS

- **Airzone wireless thermostatic heads** with temperature control and indicators in each area.
- **Option of adding a thermostat** in each area to control radiator temperature.
- **Adapters of various diameters**, including for connection to the thermostatic head.
- **Underfloor heating algorithm with thermal inertia control.**
- **Heat generation demand control.**
- **Minimum and maximum temperature ranges** in each room for efficient control using the Eco-Adapt function.
- **Enhanced comfort** through variable control of the radiator valve according to the room temperature.
- **Improved system control and reduced energy consumption** by managing heat generation via communication gateways and control of the circulation pumps.

¹ Optional.

*Applicable if the system includes an Airzone Cloud Webserver.

Centralized control via a single app

















Connect all your systems for optimal control

Airzone Cloud app

Remote centralized management of Airzone and Aidoo systems.

With the Airzone Cloud app, you can **adjust the use of each HVAC system to the actual needs of the building**, its occupants, and—now— to the real-time status of the electrical grid. By centralizing control of your HVAC systems, you can **adjust them on a daily basis to avoid wasted energy**.



-  On/Off control for each zone
-  Set-point temperature selection
-  Operation mode selection
-  Sleep mode for time-delayed switch-off
-  Weather forecast service
-  Zone-name editing
-  Weekly and calendar scheduling
-  Eco-Adapt function
-  Guided configuration
-  Multi-user access: basic, advanced, or administrator profiles
-  Indoor air-quality indicators
-  Remote assistance option
-  Access to system documentation
-  Indoor unit fan speed regulation
-  Domestic hot water (DHW) control
-  Heat-pump error code display



User Interfaces




Control all systems using a room thermostat or via our app.

Thermostat range










AIRZONE BLUEFACE: WIRED



-  Zone on/off
-  Temperature control
-  Room temperature and relative humidity readings
-  Indoor air-quality control
-  Operation mode selection¹
-  Zone navigation
-  Sleep mode for time-delayed switch-off
-  Combined stage mode activation¹
-  Eco-Adapt function¹

AIRZONE THINK: WIRELESS







-  Zone on/off
-  Temperature control
-  Indoor air-quality control
-  Zone navigation
-  Room temperature and relative humidity readings
-  Operation mode selection¹
-  Sleep mode for time-delayed switch-off



¹ Available when the thermostat is configured as master.








AIRZONE LITE: WIRED OR WIRELESS

-  Zone on/off
-  Temperature control (± 3 °C)²
-  Room temperature and relative humidity readings
-  Color codes indicating the mode and status of the zone

Air-quality sensor

AIRQ SENSOR

-  Zone readings for room temperature, relative humidity, CO₂, PM_{2.5}, PM₁₀, and TVOCs.
-  Color-coded air quality indicator: good, medium, and low.
-  Ventilation active indicator.³
-  Heating and air conditioning active indicator.
-  Ionization active indicator.

 **NEW!**

Now available in a Wi-Fi version.



² Temperature adjustment relative to the base value set on the Airzone Blueface thermostat or via the Airzone Cloud app.

³ Function available if the system includes ventilation. Can be deactivated in the parameters section on the Airzone Cloud app.

Getting Started with Airzone: A Step-by-Step Guide

Airzone has developed a comprehensive range of services to help you successfully include our products in your HVAC integration projects. **Follow the process below to ensure a smooth, trouble-free installation.**

01



Contact our technical sales consultant

Contact our sales consultant and share the details of your project. **We are ready to assist you with expert advice and recommendations.**

02



Send us your project plans

Send us your project plans. We will help you design a bespoke HVAC integration solution tailored to your specific requirements.

projects@airzonecontrol.com



Contact us

03



Use our cost estimation tools

Prepare your proposal using our cost estimation tools. These tools will help you create an accurate, detailed proposal for your customers.



Cost estimation tools

04



Place your order

Visit our website to place your order or contact your local distributor for more information.

05



Learn with Airzone Academy

Access our academy to learn how to install **Airzone systems** and properly train your team. Our training resources will ensure that your team is fully prepared.



Airzone
Academy

06



Watch our installation videos

Prepare for installation **by watching our comprehensive video tutorials**. These videos provide step-by-step guidance to help you through the entire process.



Installation
video

07



Phone support during installation

If you have any questions during installation, contact our phone support team. **Our experts are available to help and answer your questions.**



Europe & UK +44 330 822 0991 DE: +49 174 1725 560 Benelux: +32 470 430 876

Mon - Thu 8:00 - 14:00 / 15:00 - 17:30; Fri 8:00 - 17:00 (CET)
techsupport@airzonecontrol.com

08



Commissioning service

Take advantage of our technical support service **when commissioning your new system**. This service ensures that the system is correctly configured and delivers optimal performance from day one.

Airzone Care complements this by offering a 5-year warranty and ongoing technical support to guide installers throughout the system's life.



By following this procedure, you can seamlessly integrate HVAC into your projects, ensuring optimal performance and maximum customer satisfaction.

Welcome to Airzone!





Get in touch with Airzone

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IF YOU HAVE ANY QUESTIONS,
CONTACT US.

Contact form >>

