

Advanced integration systems



Integration of heat pumps

Take advantage of the benefits we offer in terms of **integrating building management systems (BMS*) 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 gateways

We have specific gateways 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

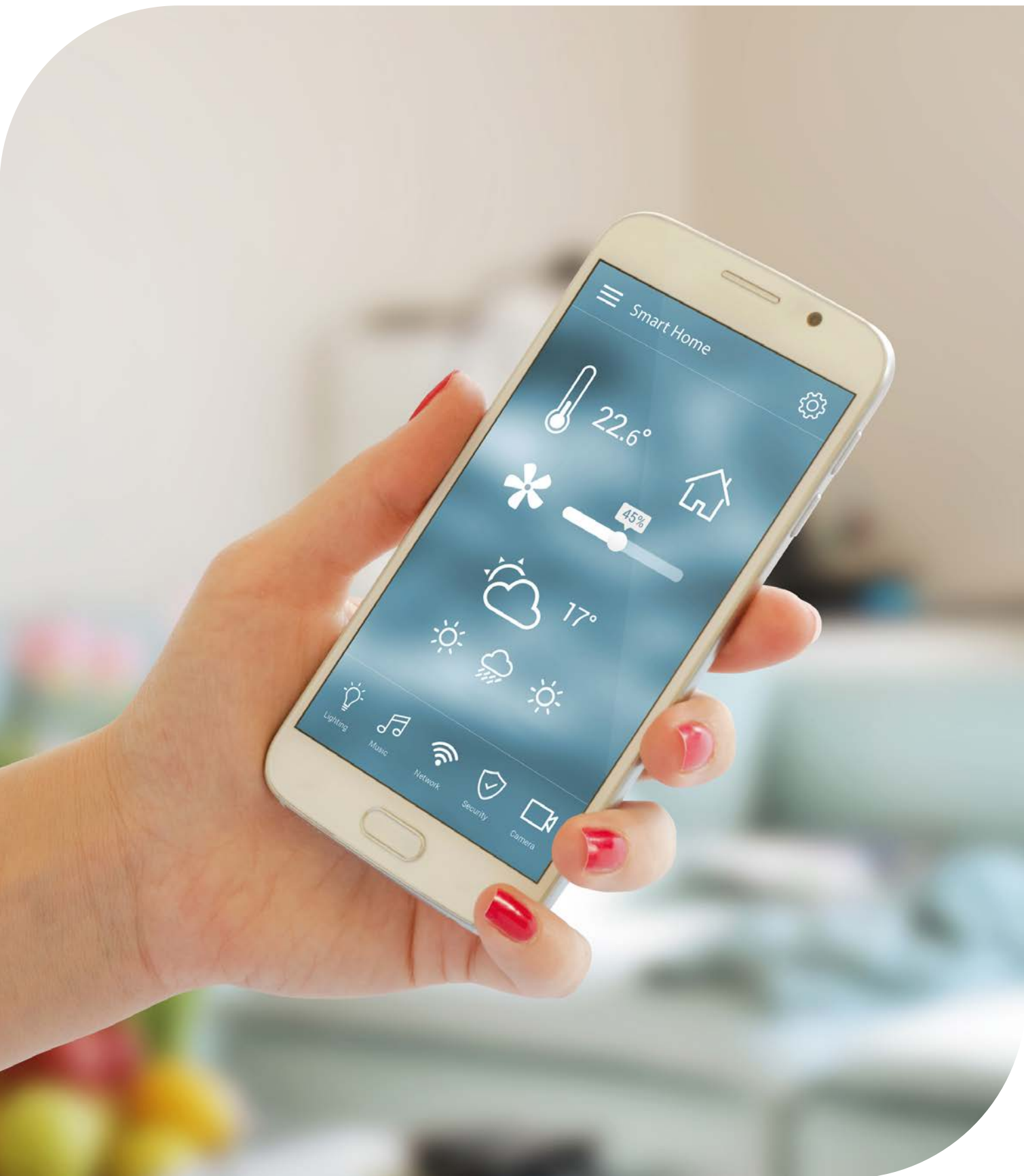
Make the most of integration with any platform.

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.

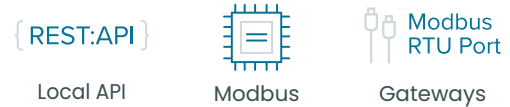


* BMS: building management systems.



Integration

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



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.

New! 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.
- 2.4GHz/5GHz Wi-Fi connectivity.
- Bluetooth Low Energy (BLE) connectivity for configuration.
- Allows configuration as a Lutron gateway and BACnet IP.
- Remote firmware update of Webserver 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.

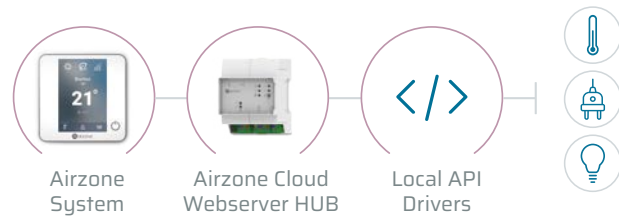


Local API

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

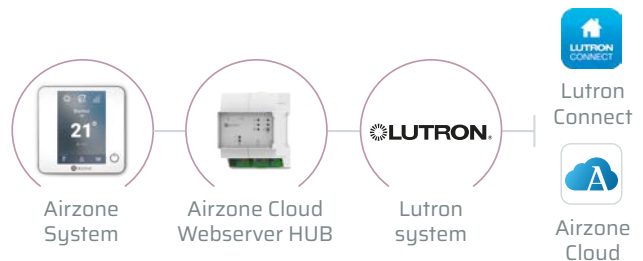
- Plug&Play.
- Control up to 32 Airzone systems.
- Accessible from Airzone Cloud.
- Ethernet/Wi-Fi connection.

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



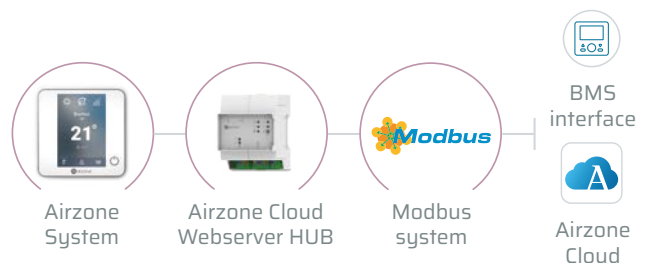
Lutron

- 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

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



KNX Gateway

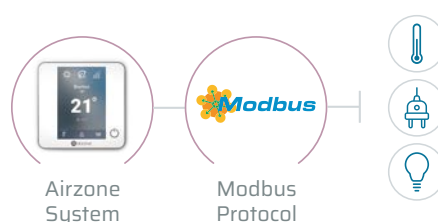
- One KNX gateway per Airzone system.
- Control up to 14 zones.
- KNX certified product.
- KNX standard data.
- Configurable from the ETS.
- Compatible with KNX thermostats.



Modbus

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.





Designed & Manufactured in EU

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