



Product & Service Catalog

INTEGRATED ZONE CONTROL SOLUTIONS
FOR DUCTLESS & DUCTED INVERTER UNITS

Table of Contents



03 ABOUT AIRZONE

04 Why Choose Airzone Products?

06 AIRZONE SOLUTIONS

08 Multi-Zone Control

10 Easyzone

18 VAF

26 One-to-One Single-Zone Control & Smart Building Integration

28 The Aidoo Family

40 CONNECTIVITY & INTEGRATION: VAF & EASYZONE

40 Webserver HUB

41 USER INTERFACES

41 Airzone Cloud App

42 Thermostats

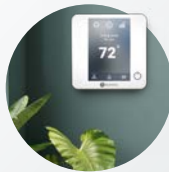
44 CONTACTS, SERVICES & TOOLS

About Airzone

Airzone is an industry **leading manufacturer of integrated HVAC control solutions** for residential and light commercial environments. With over 25 years of experience leading the HVAC zoning and control industry in Europe and a growing presence in North America, Airzone's mission is to create innovative and category defining solutions that deliver simplified control, savings, and streamlined service.



MORE THAN
100,000
Airzone installations
connected around the world
SINCE 2016



MORE THAN
2 MILLION
climate controlled rooms
SINCE 1997



WHY CHOOSE AIRZONE PRODUCTS?

Airzone's A2L-ready solutions stand apart from other HVAC control options by using certified manufacturer protocols that preserve complete functionality, maximize efficiency, and ensure precise bi-directional control.



Certified HVAC manufacturer protocols:

Airzone products communicate with the indoor HVAC unit using its original protocol, ensuring full compatibility, superior efficiency and precise control.



A2L-ready:

All Airzone solutions are future-proof, fully compatible with A2L units, and can respond to refrigerant leak alerts by releasing control to let the manufacturer's safety sequence take over.



Bi-directional communication:

Airzone solutions communicate with the indoor HVAC unit to send commands, receive confirmation of execution, and retrieve error codes via original HVAC manufacturers' communication protocols.



Connectivity & integration:

App-based control, home automation, and Building Management System integration, no coding required.



Wired communications:

Our solutions are wired directly to the indoor HVAC unit, offering a much more robust and consistent connection than infrared (IR) controllers.



Dedicated App:

With the Airzone Cloud App, users have full, remote control over their indoor climate, while professionals can efficiently manage installations anytime, anywhere.

¹Only available for zoning products



Ease of installation:

Our solutions offer simple, plug & play HVAC zoning and integration options.



Remote error codes:

Read indoor HVAC unit error codes via the Airzone Cloud App for simplified servicing and remote troubleshooting.



Efficiency¹:

Airzone solutions save energy by conditioning only the zones that are in demand, optimizing indoor unit capacity, and avoiding unnecessary system operation. Features like temperature limits, scheduling, and lockout temperatures further enhance energy savings.



Precise Comfort¹:

By controlling each zone independently, Airzone ensures consistent comfort throughout the building that standard systems can't match.



Multiple technologies¹:

Airzone offers Combined control of cooling, heating, supplemental heat, and auxiliary heat for direct expansion and chilled water fan coil units.





Airzone Solutions

Our multi-zone and single-zone integrated control solutions for ductless and ducted inverter indoor units deliver precise, room by room comfort, energy efficiency, and connectivity for residential and commercial applications.

250+ A2L COMPATIBLE BRANDS



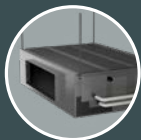
A2L-READY

Airzone zoning solutions allow a single ducted inverter A2L or HFC unit to provide independent temperature control across multiple rooms, using one thermostat per zone. Communicating through the original HVAC manufacturers' communication protocol, our systems ensure full compatibility, simplified system design, lower operating costs, and streamlined management.

By significantly reducing overall refrigerant charge and increasing the available room volume for dispersion, our zoning solutions also help engineers and specifiers design A2L-compliant installations that meet ASHRAE 15 concentration limits, while maintaining high standards of comfort, safety, and energy efficiency.

COMPATIBLE WITH

Ducted Units



Horizontal



Vertical / Multi-Position

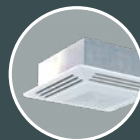
Ductless Units



Wall Mounted



Floor Mounted



Ceiling Cassettes

Airzone Solutions



Multi-Zone Control

EASYZONE & VAF:
INTEGRATED ZONING CONTROL SYSTEMS

The age of installing a mini split or VRF per room is over.

With Airzone, you can achieve independent temperature control in every zone using a single ducted inverter indoor unit. Choose between our two zoning system options to deliver comfort, efficiency, and a cleaner aesthetic in every project.

HOW DO OUR MULTI-ZONE CONTROL SYSTEMS WORK? ---

AIRZONE'S CONTROL ALGORITHMS

Airzone's research has led to the development of advanced algorithms that set our zoning systems apart. By communicating directly with inverter units, **our proprietary control logic continuously modulates system operation between zones** to deliver optimal performance, energy efficiency, and user comfort.



Q-ADAPT ALGORITHM

Q-Adapt automatically adjusts airflow by modulating the fan speed of the inverter unit based on the active zones in demand. With five modes: Maximum, Power, Standard, Silence, and Minimum, users and professionals can fine-tune their airflow needs for optimal comfort, noise level, and energy performance.



SUPPLEMENTAL HEATING ALGORITHM¹

Conventional supplemental heat systems use a fixed differential to reach the setpoint temperature, which can often cause overheating, wasted energy, and reduced comfort. **Airzone's supplemental heat control algorithm manages thermal inertia intelligently, preventing temperature overshoot and ensuring stable comfort with optimal energy use.**



COMBINED MODE: AIR + SUPPLEMENTAL HEAT ALGORITHM¹

Combined mode allows multiple heat sources in the system to work together to deliver maximum comfort in the shortest time possible. When the difference between the current zone and setpoint temperature is significant, the air stage activates first. As the gap narrows, the more efficient supplemental stage begins operating. The air stage then turns off, leaving only the supplemental system running, maximizing efficiency and reducing consumption.

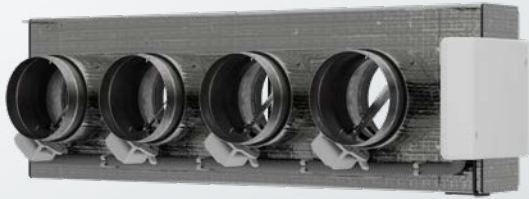
¹Only available for Airzone's modular control solution VAF.



Easyzone

| PLUG & PLAY MOTORIZED ZONING PLENUM

Check your unit's
compatibility



For ducted inverter units

Compatible with **horizontal, vertical, and multi-position ducted units**, Easyzone offers an efficient and streamlined approach to HVAC management. Pre-assembled and pre-insulated, our integrated zoning plenum simplifies setup, reduces the risk of installation errors, and helps prevent delays and unnecessary labor costs.

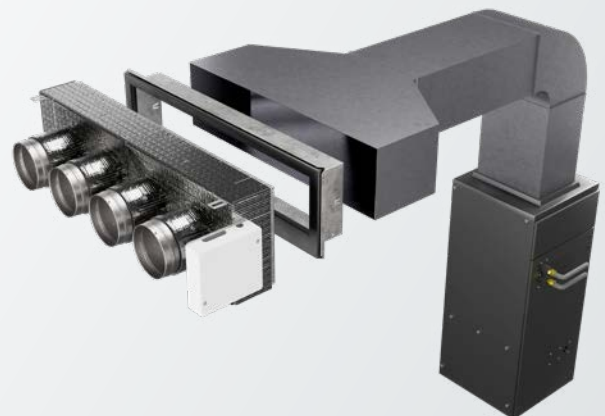
READY FOR

Horizontal units



Ideal for commercial spaces with similar sized zones with different needs.

Multi-position or vertical units

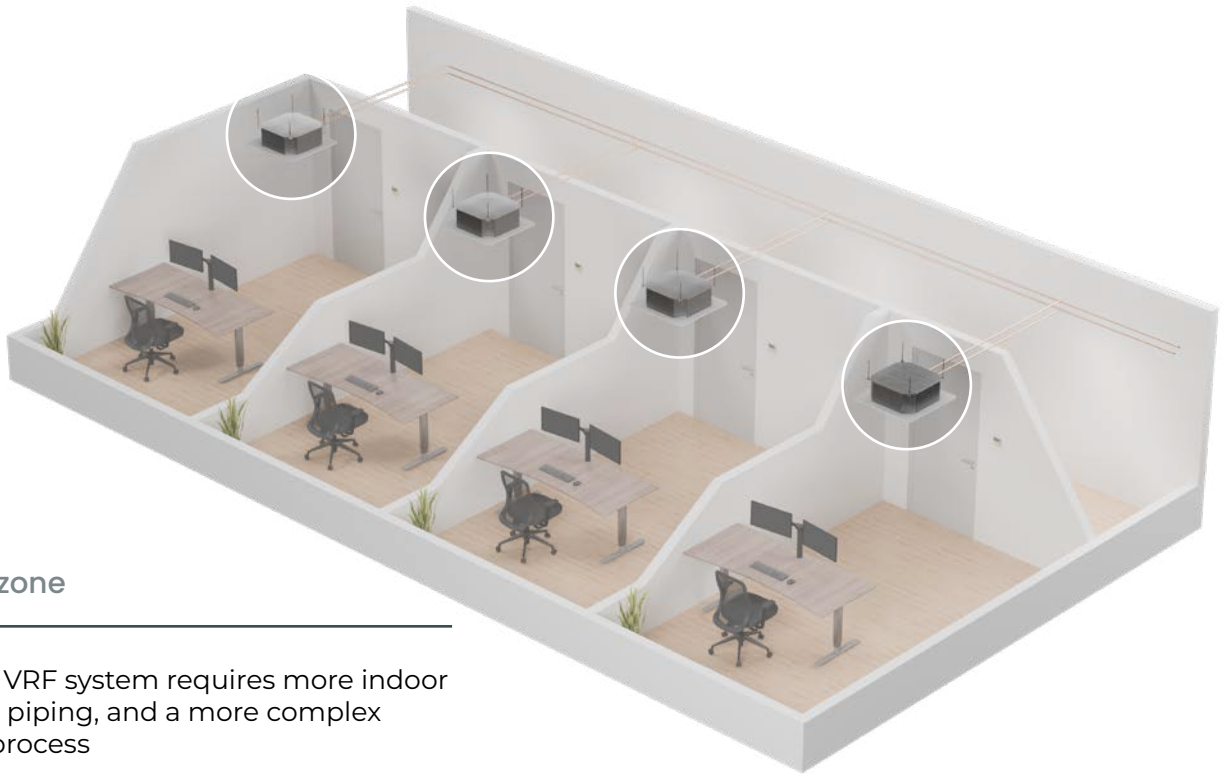


Ideal for residential spaces where multi-position units are more common.



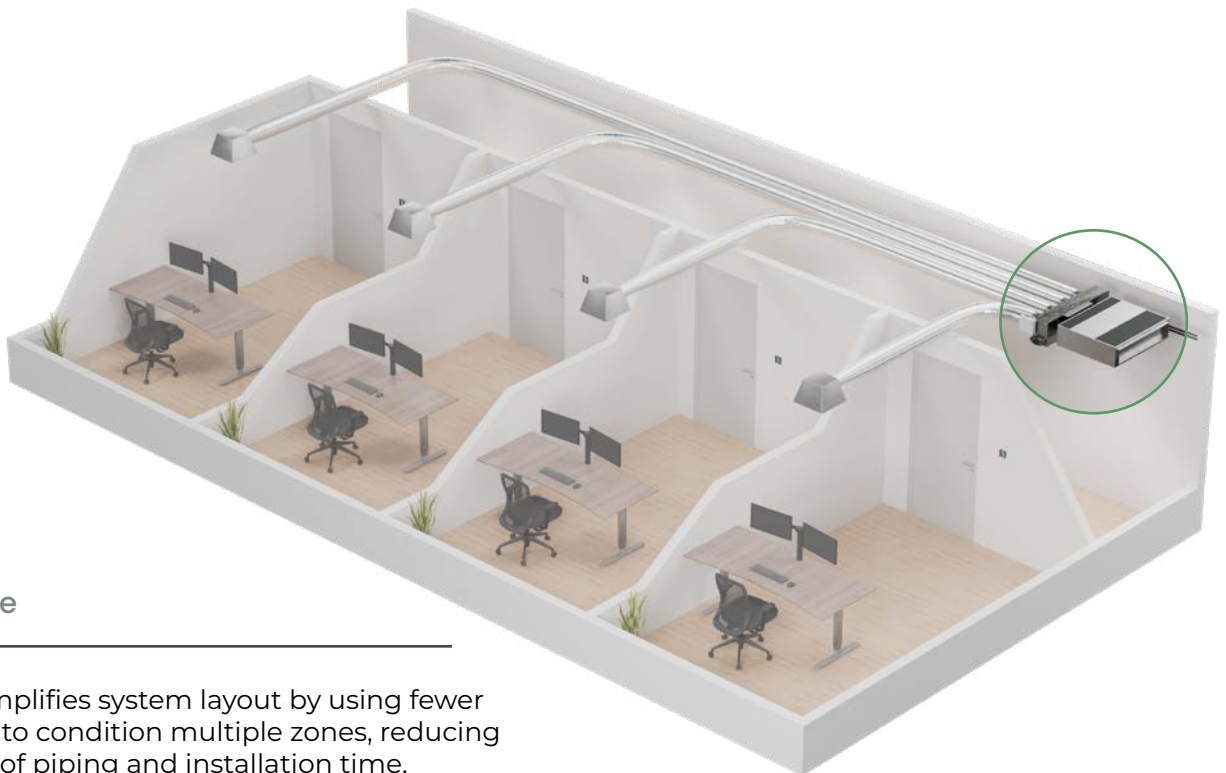
Without Airzone

A traditional VRF system requires more indoor units, longer piping, and a more complex installation process



With Airzone

Easyzone simplifies system layout by using fewer indoor units to condition multiple zones, reducing the amount of piping and installation time.



SYSTEM COMPONENTS



1 Motorized Plenum Body (Small/Medium/ Large) + Control Board

Composed of a main control board and an insulated and motorized plenum box. The dampers in the plenum are available in 6" diameter (up to 6 dampers) or 8" diameter (up to 5 dampers) with different configurations.

* Works with an adaptation collar+ communication gateway kit. (Plenum powered by 110/230 VAC).



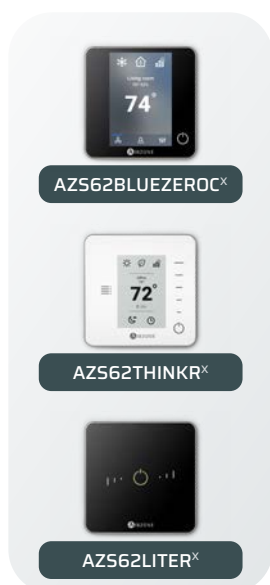
2 Adaptation Collar (Small/ Medium/ Large) for Horizontal Units + Communication Gateway Kit

Mechanical adaptation kit for horizontal ducted units. Includes a plenum collar and communication gateway, both specifically designed for the inverter indoor unit model and dedicated manufacturer communication protocol.



3 Adaptation Collar (Medium/ Large) for Vertical & Multi-Position Units + Communication Gateway Kit

Mechanical adaptation kit for multi-position and vertical ducted units. Includes a plenum collar that serves as a transition between the ductwork and the Easyzone plenum, along with a communication gateway designed for the inverter indoor unit model and dedicated manufacturer communication protocol.



4 Advanced Zone Thermostats ¹

- **Blueface (Wired):** Blueface serves as the main thermostat for Easyzone, **so one must be included in each system.** Powered by the main control board. Features a full-color touchscreen interface and measures room temperature and relative humidity. Blueface controls temperature, operating mode, and system fan speed, and it offers remote access to other zones in the installation. Configurable set point temperature limits.

- **Think (Wireless):** Zone thermostat which features an E-Ink display with touch buttons. Powered by a CR2450 battery, proving up to a 2-year battery life. Measures room temperature and relative humidity and offers configurable set point temperature limits.

- **Lite (Wireless):** Zone thermostat which offers basic control, allowing for temperature adjustments of $\pm 6^{\circ}\text{F}$, in increments of 2°F through touch buttons. These increments and base setpoint temperature are configurable. Lite reads room temperature and relative humidity.



5 Webserver HUB

Bidirectional integration gateway for the Easyzone system, allowing for home automation and Building Management System integration. It features dual Wi-Fi 2.4/ 5 GHz, a port for cabled Ethernet, and a port for Modbus or BACnet MS/ TP integration. The Webserver HUB provides access to the Airzone Cloud App after Bluetooth configuration and offers advanced system and parameter configuration. The Webserver HUB can control up to 32 Airzone zoning systems.

* Pg 36 for more information



6 Airzone Connection Extension Cable

Universal 6-pin extension cable (98 in). Ideal for installations where the Airzone gateway needs to be positioned farther away from the indoor unit. A maximum of three extensions can be used together, allowing for up to 32 feet from the indoor unit, in addition to the cable included with the unit.

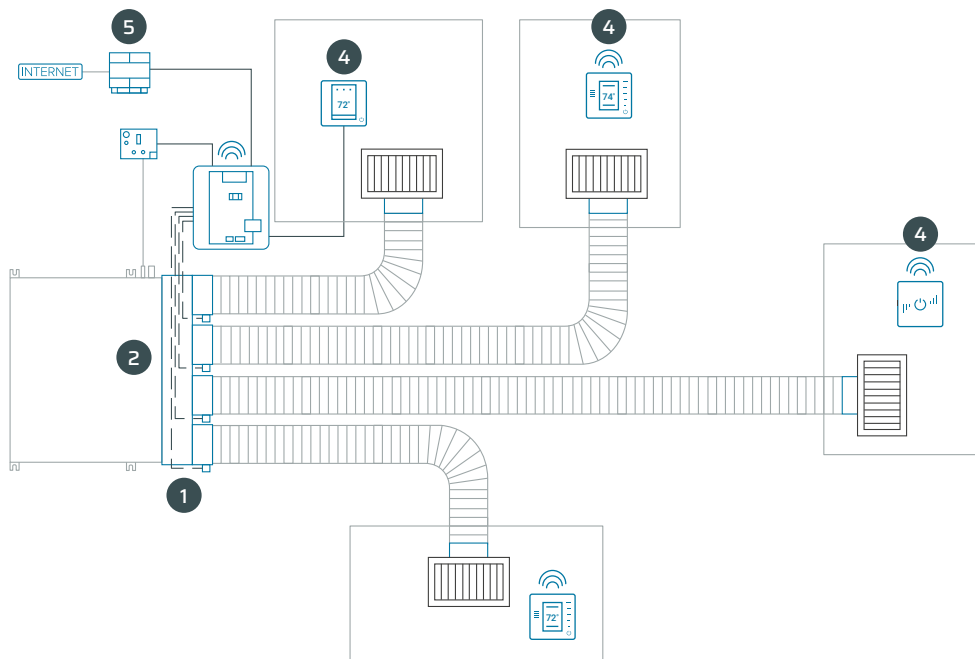


7 Airzone Shielded Bus Cable UL444

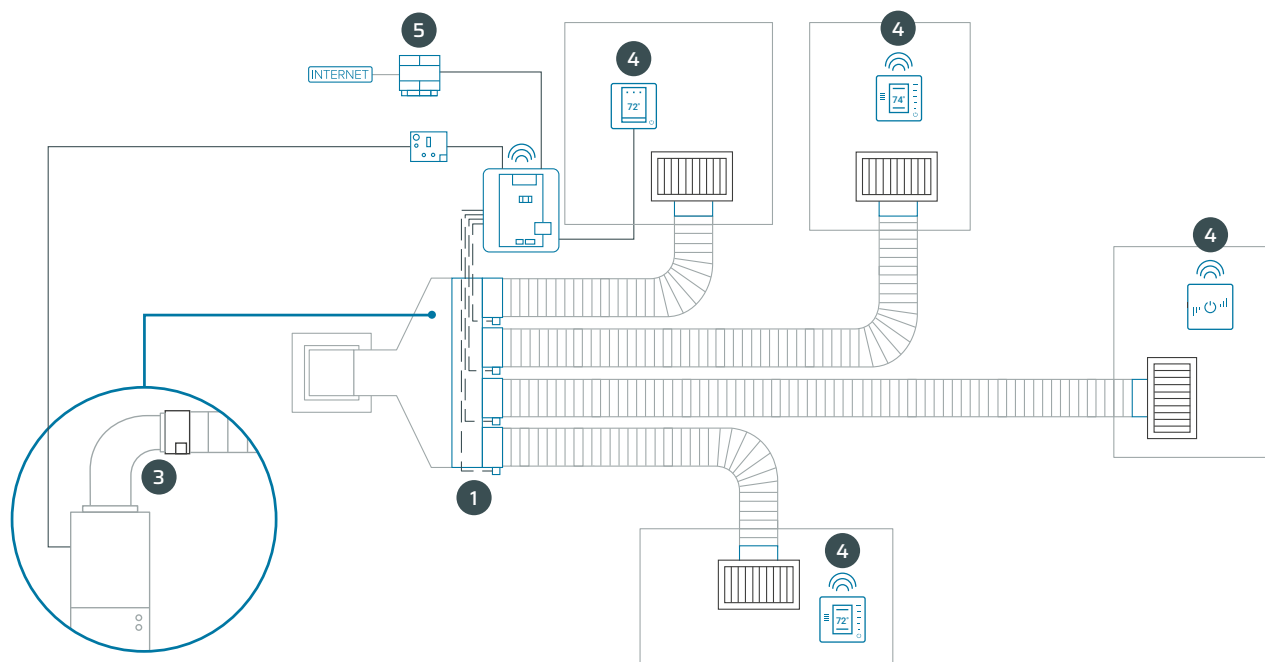
Flexible, shielded, twisted cable. Transmits data (analog & digital signals) and supplies power to Airzone components, with protection against electromagnetic interference. Supplied in 300-ft and 50-ft rolls (AZX8CBLBUS50FT).

WIRING DIAGRAMS

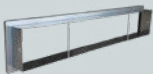
Horizontal unit



Vertical / Multi-positional unit



PART NUMBERS

IMAGE	PART NUMBER	DESCRIPTION
1 	PLENUM BODY	
	AZS62S83	S Body for Easyzone S62 Airzone 3x8"
	AZS62S64	S Body for Easyzone S62 Airzone 4x6"
	AZS62M84	M Body for Easyzone S62 Airzone 4x8"
	AZS62M65	M Body for Easyzone S62 Airzone 5x6"
	AZS62L85	L Body for Easyzone S62 Airzone 5x8"
	AZS62L66	L Body for Easyzone S62 Airzone 6x6"
2 	ADAPTATION COLLAR ADAPTED FOR HORIZONTAL UNITS	
	AZS62S [brand] [range]	S Adaptation Collar for Easyzone S62 Airzone-[brand] [range]
	AZS62M [brand] [range]	M Adaptation Collar for Easyzone S62 Airzone-[brand] [range]
	AZS62L [brand] [range]	L Adaptation Collar for Easyzone S62 Airzone-[brand] [range]
3 	ADAPTATION COLLAR FOR VERTICAL AND MULTIPOSITION (AHU) UNITS	
	AZS62MAHU [range]	M Adaptation Collar for Easyzone S62 Airzone-AHU unit [range]
	AZS62LAHU [range]	L Adaptation Collar for Easyzone S62 Airzone-AHU unit [range]

[range] is a combination of the Adaptation Collar shape and the communication gateway. This value is automatically applied by our compatibility tool at airzonecontrol.com.

[brand]¹

CAR: Carrier
CHG: Chigo
DAI: Daikin

FUJ: Fujitsu
HIS: Hisense
HIT: Hitachi

KAY: Midea / Kaysun
LGE: LG
MEL: Mitsubishi Electric

SAM: Samsung
TOS: Toshiba

Check your unit's
compatibility



IMAGE	PART NUMBER	DESCRIPTION
4 ADVANCED ZONE THERMOSTATS		
	AZS62BLUEZEROCB	Airzone Easyzone S62 Blueface Zero thermostat wired white
	AZS62BLUEZEROCN	Airzone Easyzone S62 Blueface Zero thermostat wired black
	AZS62THINKRB	Airzone Easyzone S62 Think thermostat wireless white
	AZS62THINKRN	Airzone Easyzone S62 Think thermostat wireless black
	AZS62LITERB	Airzone Easyzone S62 Lite thermostat wireless white
	AZS62LITERN	Airzone Easyzone S62 Lite thermostat wireless black
	AZX8EMB2HTB	Mounting backplates designed to cover wall openings or electrical switch boxes
WEBSERVER AND INTEGRATION		
5 	AZX6WSPHUB	Webserver HUB Airzone Cloud Dual 2.4-5 GHz/Ethernet
ACCESSORIES		
6 	AZPV8WIREU	Airzone Connection Extension Cable - 2.5 m / 98 in for Gateway (6 pins)
7 	AZX6CBLBUS300FT	Airzone Shielded Bus Cable UL444 (AWG 24-2 wired + AWG 20-2 wired) 300ft
	AZX6CBLBUS50FT	Airzone Shielded Bus Cable UL444 (AWG 24-2 wired + AWG 20-2 wired) 50ft



AIRZONE SYSTEM	THERMOSTAT TYPE	SCREEN COLOR	PREMIUM FINISH OPTIONS ²
[AZS62] – Easyzone	[BLUESC] – Blueface [THINKS] – Think wireless [LITESR] – Lite wireless	[B] - White [N] - Black	[B] – White
			[N] – Black
			[CY] – Yellow gold
			[GP] – Rose gold
			[GW] – White gold

² See page 43 for more information about our thermostats' premium finishes.

VAF

| MODULAR INTEGRATED MULTI-ZONE SOLUTION FOR CENTRALIZED CONTROL

Check your unit's
compatibility



For ducted & ductless inverter units

Airzone's integrated zone control solution that adapts to any HVAC installation because of its modular architecture. VAF can use individual, multi-sized, motorized dampers to zone **ducted units**, along with individual zone control modules for **single-zone ducted/ ductless units**, supplemental heating control modules, and zone thermostats, all managed from a single interface for precise, coordinated comfort.

ADAPTS TO ANY INSTALLATION: MODULAR COMPONENTS

Individual motorized dampers



Individual zone modules



Supplemental heating zone module



SYSTEM COMPONENTS

1 Control Board



Responsible for the centralized, coordinated control of zone thermostats, damper modulation, individual zone modules and supplemental heating modules. (Powered by 110/230 VAC).

2 Communication gateway



Each inverter unit uses a proprietary “language” called communication protocol. Airzone gateways communicate with each indoor unit using its own manufacturer’s communication protocol, ensuring accurate bi-directional control and full system compatibility. The communication gateway is pre-installed in the central control board for zoning ducted units and integrated into each individual zone control module.

3 Advanced zone thermostats ¹



- **Blueface (wired):** Blueface serves as the main thermostat for VAF, so **one must be included in each system**. Powered by the main control board. Features a full-color touchscreen interface and measures room temperature and relative humidity. Blueface controls temperature, operating mode, and system speed, and it offers remote access to other zones in the installation. Configurable set point temperature limits.

- **Think (wireless):** Zone thermostat which features an E-Ink display with capacitive buttons. Powered by a CR2450 battery, proving up to a 2-year battery life. Measures room temperature and relative humidity and offers configurable set point temperature limits.

- **Lite (wired/ wireless):** Zone thermostat which offers basic control, allowing for temperature adjustments of $\pm 6^{\circ}\text{F}$, in increments of 2°F through touch buttons. These increments and base setpoint temperature are configurable. Lite reads room temperature and relative humidity. The wired version is powered by the control board (or daisy chain to it), and the wireless version is powered through a CR2450 battery.

4 Wired motorized round damper



Available in 6", 8", 10", 12", 14" diameters. Powered by the main control board. Each damper includes an actuator and dedicated zone module, which communicates with the zone thermostat via cable. Other features include inputs for open-window and occupancy detection, plus support for Airzone's or any 10 k Ω temperature probe/ sensor for greater flexibility in temperature reading.

¹ Premium finishes and backplates available.


 AZVAFDAMPER^{xxx}R

5 Wireless motorized round damper

Available in 6", 8", 10", 12", 14" diameters. Powered by the main control board. Each damper includes an actuator and dedicated zone module, which communicates wirelessly with the zone thermostat. Other features include inputs for open-window and occupancy detection, plus support for Airzone's or any 10 k Ω temperature probe/ sensor for greater flexibility in temperature reading.


 AZVAFZMO^{xxx}C/R

6 Wired/Wireless individual zone module

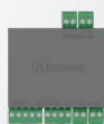
For non-zoned unit control. Each module is designed to work with a specific HVAC manufacturer communications' protocol. Communicates with the zone thermostat through cable and is powered through the Airzone connection bus in the central control board. It can be mounted on a DIN rail or wall. Other features include inputs for open-window and occupancy detection, plus support for Airzone's or any 10 k Ω temperature probe/ sensor for greater flexibility in temperature reading.



AZVAFZMF5RC

7 Fan coil zone module 5 relays wired

Local control module for chilled water fan coil units. Control of up to 3 speeds. Opening and closing of the electrovalves. Wired communications. Compatible with 2-pipe and 4-pipe installations. Externally powered at 230 Vac. Mounted on DIN rail or on wall.



AZVAFZMRADC

8 Wired supplemental heat only zone module

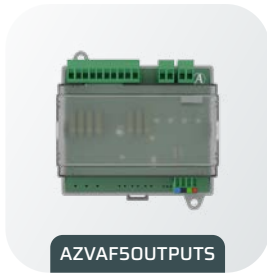
Supplemental heat only zone control. Communicates with the zone thermostat through cable and is powered through the Airzone connection bus in the central control board. Other features include inputs for open-window and occupancy detection, plus support for Airzone's or any 10 k Ω temperature probe/ sensor for greater flexibility in temperature reading.



AZVAFZMRADR

9 Wireless supplemental heat only zone module

Supplemental heat only zone control. Communicates with the zone thermostat wirelessly and is powered through the Airzone connection bus in the central control board. Other features include inputs for open-window and occupancy detection, plus support for Airzone's or any 10 k Ω temperature probe/ sensor for greater flexibility in temperature reading.



10 Relay supplemental heat control module

Wired zone module for controlling supplemental heating stages for up to 5 zones through voltage-free relays (or supplemental heat, baseboard heating, and hydronic heating). Powered through the Airzone connection bus in the main control board. Other features include demand relays for heat pumps and boilers, and identification via micro-switch.



11 Webserver HUB

Bidirectional integration gateway for the VAF system, allowing for home automation and Building Management System integration. It features dual Wi-Fi 2.4/ 5 GHz, a port for cabled Ethernet, and a port for Modbus or BACnet MS/ TP integration. The Webserver HUB provides access to the Airzone Cloud App after Bluetooth configuration and offers advanced system and parameter configuration. The Webserver HUB can control up to 32 Airzone zoning systems.

* Pg 36 for more information



12 Airzone Connection Extension Cable

Universal 6-pin extension cable (98 in). Ideal for installations where the Airzone gateway needs to be positioned farther away from the indoor unit. A maximum of three extensions can be used together, allowing for up to 32 feet from the indoor unit, in addition to the cable included with the unit.



13 Airzone metallic temperature probe in sheath

Airzone's 10 k Ω remote temperature sensor/ probe.



14 Airzone 12VDC power supply

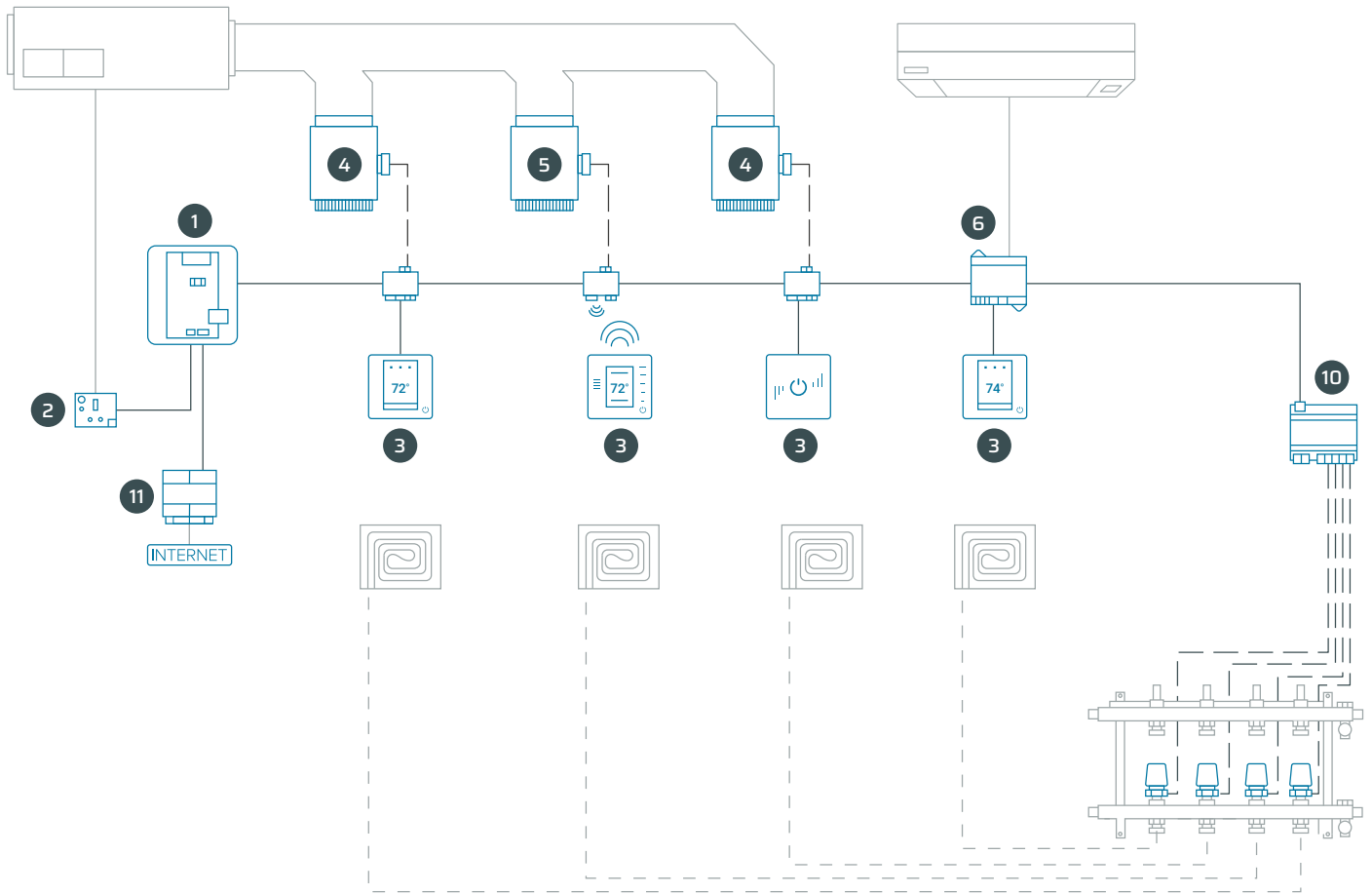
External, DIN rail-mounted power supply for Airzone systems (Multi-Voltage 110-230 VAC). Powers up to 6 zone modules with Blueface thermostats, or 10 control modules without Blueface.



15 Airzone Shielded Bus Cable UL444

Flexible shielded twisted cable. Transmits data (analog & digital signals) and supplies power to Airzone components, with protection against electromagnetic interference. Supplied in 300-ft and 50-ft rolls (AZX6CBLBUS50FT).

WIRING DIAGRAMS



PART NUMBERS

IMAGE	PART NUMBER	DESCRIPTION
1  2 	CONTROL BOARDS	
	AZVAFCB2 [brand]	Airzone VAF control board with [brand] gateway
	AZVAFR2F5R	Airzone VAF control board with 5-relay Fan coil gateway
	AZVAFR2F10	Airzone VAF control board with 0-10 V Fan coil gateway
	AZVAFCB2	Airzone VAF control board without gateway
3	ADVANCED ZONE THERMOSTATS	
	AZVAFBLUEZEROCB	Airzone VAF Blueface Zero thermostat wired white
	AZVAFBLUEZEROCN	Airzone VAF Blueface Zero thermostat wired black
	AZVAFTHINKRB	Airzone VAF Think thermostat wireless white
	AZVAFTHINKRN	Airzone VAF Think thermostat wireless black
	AZVAFLITECB	Airzone VAF Lite thermostat wired white
	AZVAFLITECN	Airzone VAF Lite thermostat wired black
	AZVAFLITERB	Airzone VAF Lite thermostat wireless white
	AZVAFLITERN	Airzone VAF Lite thermostat wireless black
	AZX8EMB2HTTB	Mounting backplates designed to cover wall openings or electrical switch boxes

IMAGE	PART NUMBER	DESCRIPTION
ZONE MODULES		
4 	AZVAFDAMPER[06, 08, 10, 12, 14]C	Airzone VAF [06, 08, 10, 12, 14]” wired intelligent round damper
5 	AZVAFDAMPER[06, 08, 10, 12, 14]R	Airzone VAF [06, 08, 10, 12, 14]” wireless intelligent round damper
6  2 	AZVAFZMO [brand] C/R	Airzone VAF wired/wireless zone module with [brand] communication
7 	AZVAFZMF5RC	Airzone VAF wired zone module with Fan coil 5 relay control
8 	AZVAFZMRADC	Airzone VAF wired zone module only supplemental heat
9 	AZVAFZMRADR	Airzone VAF wireless zone module only supplemental heat
SUPPLEMENTAL HEAT		
10 	AZVAF5OUTPUTS	Airzone VAF supplemental heat relay control module
WEBSERVER AND INTEGRATION		
11 	AZX6WSPHUB	Webserver HUB Airzone Cloud Dual 2.4-5 GHz/Ethernet

IMAGE	PART NUMBER	DESCRIPTION
ACCESSORIES		

12		AZPV8WIREU	Airzone Connection Extension Cable - 2.5 m / 98 in for Gateway (6 pins)
13		AZX6SONDPROTECT	Airzone temperature metallic probe in sheath
14		AZX6POWER	Airzone 12VDC power supply
15		AZX6CBLBUS300FT	Airzone Shielded Bus Cable UL444 (AWG 24-2 wired + AWG 20-2 wired) 300ft
		AZX6CBLBUS50FT	Airzone Shielded Bus Cable UL444 (AWG 24-2 wired + AWG 20-2 wired) 50ft



AIRZONE SYSTEM	THERMOSTAT TYPE	SCREEN COLOR	PREMIUM FINISH OPTIONS ¹
[AZVAF] – VAF	[BLUESC] – Blueface [THINKS] – Think wireless [LITESC] – Lite wired [LITESR] – Lite wireless	[B] - White [N] - Black	[B] – White
			[N] – Black
			[CY] – Yellow gold
			[GP] – Rose gold
			[CW] – White gold

[brand]²

BA2	Baxi R32	HIT	Hitachi RPI
BAX	Baxi R410A	HS1	Hisense 1x1
DA0	Daikin Residential	HS2	Hisense VRF
DA1	Daikin Sky Air / VRV	LGE	LG
DA3	Daikin Fancoil HPC	MD1	Midea V5 protocol
FU2	Fujitsu UART	MD2	Midea V6 / V8 protocol
FUJ	Fujitsu 3 wires	MD4	Midea V5 (HAHB)
GR1	Gree U-Match R32	MD5	Midea V5 (HAHB) NA
GR2	Gree VRF	MEL	Mitsubishi Electric
GRE	Gree U-Match R410A	MHI	Mitsubishi Heavy
GW1	Giwee	PA0	Panasonic RAC Domestic
HAI	Haier	PAN	Panasonic PACi
HI2	Hitachi RAD	SA2	Samsung Nasa
HI3	Hitachi Primary	TOS	Toshiba

Check your unit's
compatibility



¹ See page 43 for more information about our thermostats' premium finishes.

² Can't find your unit's protocol? Check availability and compatibility at airzonecontrol.com

Airzone Solutions



One-to-One Single-Zone Control & Smart Building Integration

AIDOO

HOME AUTOMATION, SMART THERMOSTAT, AND BUILDING MANAGEMENT INTEGRATION & CONNECTIVITY

Aidoo is Airzone's range of **plug & play devices for single-zone bi-directional control and integration** for inverter and chilled water fan coil indoor units. With Aidoo you can add remote app control, smart thermostat integration, or connect HVAC into major smart home and building protocols such as BACnet, Modbus, KNX, Z-Wave, Zigbee, and more. This range facilitates unified, multi-brand, and multi-protocol management across multiple sites.



FULL EFFICIENCY

Preserve full native inverter energy efficiency and functionality of the indoor unit while adding remote control and connectivity options that enhance comfort and convenience for your clients.



STREAMLINED SETUP

Plug & play installation and integration, with no need for programming. A single interface enables control across multiple brands.



BI-DIRECTIONAL CONTROL

Precise control of the main parameters using the unit's original manufacturer communications' protocol, including:

- On/Off
- Mode selection
- Setpoint temperature
- Fan speed



CONNECTIVITY & REMOTE MANAGEMENT

Control and monitor your HVAC installation through the Airzone Cloud App or integrate individual indoor units into home automation and building management systems via protocols such as BACnet, Modbus, Z-Wave, Zigbee, or our library of drivers. Integration is available through Local API and Cloud API.



ENERGY SAVINGS

Efficient operation through temperature setpoint limits, scheduling, and lockout temperatures for the main and auxiliary heat sources.



VERSATILITY

Suitable for residential and commercial projects, from new builds to retrofits. There's a specific Aidoo for every application.



AIDOO
climate econnection

The Aidoo Family

Compatibility
checker Aidoo



INTEGRATION FOR BASIC CONNECTIVITY

Aidoo Wi-Fi

Smartphone, computer, and voice control for your Inverter (mini split & VRF) units.



1. Communication technology: Wi-Fi 2.4 GHz
2. Status LEDs
3. Reset
4. Indoor unit communication port
5. Modbus RTU port

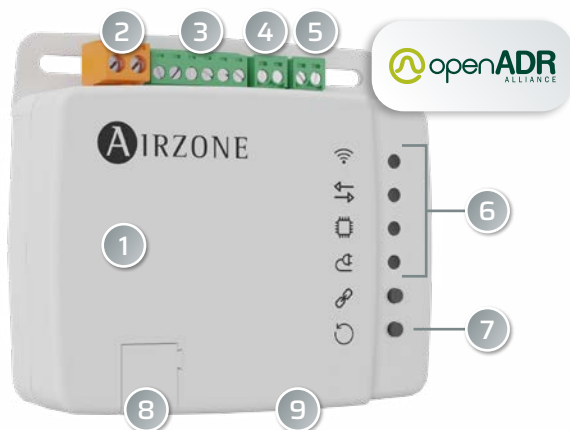
THE AIDOO PRO FAMILY

INTEGRATION FOR MULTI PROTOCOLS (BACNET, MODBUS & DRIVERS)



Aidoo Pro Wi-Fi

Our most advanced option for Plug & Play **BMS / Home Automation integration** for Inverter (mini split & VRF) units.



1. Dual Wi-Fi (2.4/ 5 GHz)
2. Power supply: 12VDC (included)
3. Smart thermostat connection¹
4. Auxiliary heat relay (12 VDC output)
5. Digital input
6. Status LEDs
7. Reset
8. RS-485 integration port (Modbus RTU, BACnet MS/TP)
9. Indoor unit communication port

Aidoo Pro Smart Thermostat Interface (STI)

NEW

Streamlined Smart thermostat integration for Inverter (mini split & VRF) units.



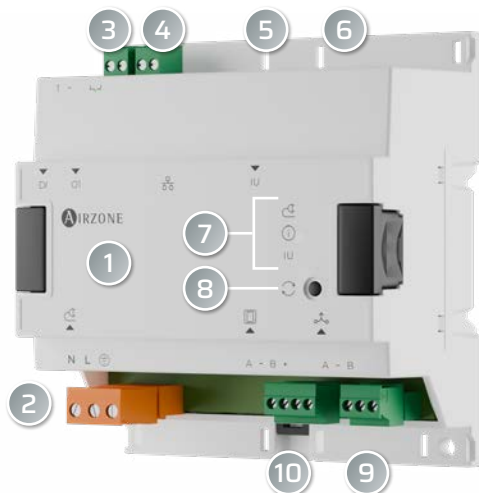
Nest Honeywell Home ecobee PELICAN VENSTAR

1. Dual Wi-Fi (2.4/ 5 GHZ)
2. Power supply: 24VAC (uses the field supplied smart thermostat power supply)
3. Smart thermostat connection
4. Auxiliary heat relay (dry contact)
5. Digital input
6. Status LEDs
7. Reset
8. RS-485 integration port (Modbus RTU, BACnet MS/TP)
9. Indoor unit communication port

Aidoo Pro HUB

NEW

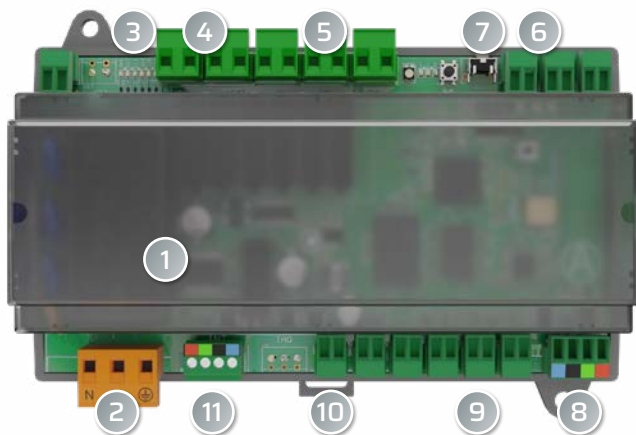
All the benefits of our Aidoo Pro system for Inverter (mini split & VRF) units, now with the added convenience of a **wired Ethernet port** for reliable, cabled installations. Great for hospitality and MDU projects!



1. Dual Wi-Fi (2.4/ 5 GHZ)
2. Power supply: 230/110V
3. Digital input
4. Auxiliary heat relay (dry contact)
5. Ethernet port
6. Indoor unit communication port
7. Status LEDs
8. Reset
9. RS-485 integration port (Modbus RTU, BACnet MS/TP)
10. Airzone port (Blueface thermostat)

Aidoo Pro Fan Coil

Aidoo Pro Fancoil allows you to transform analog chilled water fan coil units into modern climate control devices by adding the Airzone Bluface Thermostat and the Airzone Cloud App, making it ideal for retrofits and new installations alike.



Aidoo Pro HUB Fan coil
Featuring an ethernet port



COMING SOON

1. Dual Wi-Fi (2.4/ 5 GHZ)
2. Power supply: 230/110V
3. Status LEDs
4. Cooling / heating dry contacts
5. Three-speed fan control dry contacts
6. 0-10 VDC fan control
7. Reset
8. Airzone port (Blueface thermostat)
9. Open window / occupancy sensor, and eco mode activation
10. Temperature probe
11. RS-485 integration port (Modbus RTU, BACnet MS/TP)

INTEGRATION FOR STANDARD PROTOCOLS

Complete integration for Inverter (mini split & VRF) units with **KNX, Z-Wave or Zigbee protocols**.



Aidoo KNX



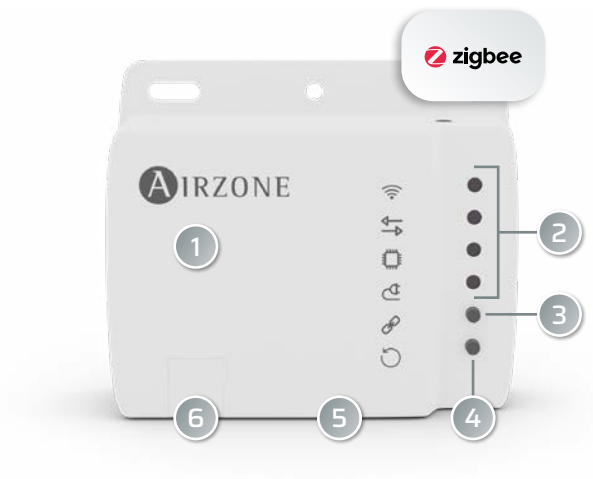
1. KNX bus connection
2. Digital inputs (dry contact)
3. Status LEDs
4. KNX configuration
5. Reset
6. Indoor unit communication port

Aidoo Z-Wave



1. Z-Wave technology
2. Status LEDs
3. Pairing/ configuration with the Z-Wave HUB
4. Reset
5. Indoor unit communication port
6. Integration port (Modbus RTU)

Aidoo Zigbee



1. Zigbee technology
2. Status LEDs
3. Pairing/ configuration with the Zigbee HUB
4. Reset
5. Indoor unit communication port
6. Integration port (Modbus RTU)

ACCESSORIES



AZAI6BLUEZEROC¹

Airzone Aidoo Blueface Zero thermostat ¹

Our most advanced thermostat, with a color touchscreen, designed to be used with the Aidoo Pro family.



AZPV8WIREU

Airzone Connection Extension Cable

Universal 6-pin extension cable (98 in). Ideal for installations where the Aidoo needs to be positioned farther away from the indoor unit. A maximum of three extensions can be used together, allowing for up to 32 feet from the indoor unit, in addition to the cable included with the unit.



AZX6CBLBUS^{XXX}FT

Airzone Shielded Bus Cable UL444 (AWG 24-2 wired + AWG 20-2 wired)

Flexible shielded twisted cable. Transmits data (analog & digital signals) and supplies power to Airzone components, with protection against electromagnetic interference. Supplied in 330-ft and 50-ft rolls.



AZX6ACCSPLDAO

S21 port splitter Daikin Residential

Multiplier for Daikin Residential AC units. Manages communications between accessories that connect to the S21 port and allows more than one device to be connected.

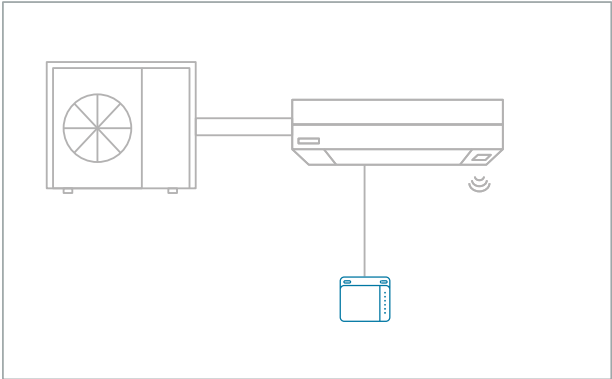


AZX6ACCSPLMEL

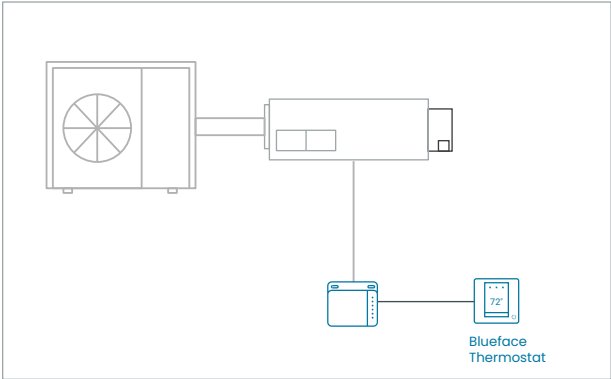
CN105 port splitter Mitsubishi Electric

Multiplier for Mitsubishi Electric AC units. Manages communications between accessories that connect to the CN105 port and allows more than one device to be connected.

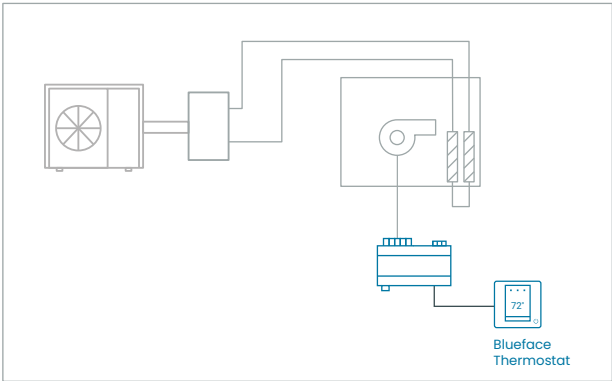
WIRING DIAGRAMS



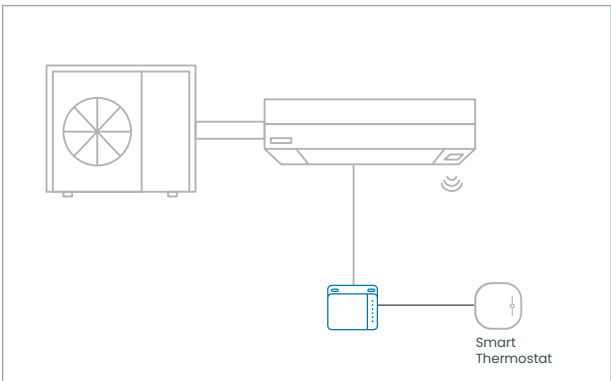
AIDOO
Wi-Fi



AIDOO
Pro
Wi-Fi



AIDOO
Pro
Fancoil



AIDOO
Pro
STI

Support Page
for Aidoo



Aidoo integration
manual



Video
resources



Aidoo
Applications



PART NUMBERS

Aidoo Wi-Fi

IMAGE	PART NUMBER	DESCRIPTION
	AZAI6WSC [brand]	Aidoo Wi-Fi Airzone-[brand] Inverter / VRF
ACCESSORIES		
	AZPV8WIREU	Airzone Connection Extension Cable - 2.5 m / 98 in for Aidoo (6 pins)
	AZX6CBLBUS300FT	Airzone Shielded Bus Cable UL444 (AWG 24-2 wired + AWG 20-2 wired) 300ft
	AZX6CBLBUS50FT	Airzone Shielded Bus Cable UL444 (AWG 24-2 wired + AWG 20-2 wired) 50ft
	AZX6ACCSPLDA0	S21 port splitter Daikin Residential
	AZX6ACCSPLMEL	CN105 port splitter Mitsubishi Electric

Aidoo Pro

IMAGE	PART NUMBER	DESCRIPTION
	AZAI6WSP [brand]	Aidoo Pro Wi-Fi Airzone-[brand] Inverter/ VRF
	AZAI6WSPFAN	Aidoo Pro Wi-Fi Airzone-Fan coil
	AZAI6WP2 [brand]	Aidoo Pro STI Airzone-[brand] Inverter/ VRF
	AZAI8HB2 [brand]	Aidoo Pro HUB Airzone-[brand] Inverter/ VRF
ADVANCED THERMOSTATS		
	AZAI6BLUEZEROCB*	Airzone Aidoo Blueface Zero thermostat wired white
	AZAI6BLUEZEROCN*	Airzone Aidoo Blueface Zero thermostat wired black
	AZX8EMB2HTB	Mounting backplates designed to cover wall openings or electrical switch boxes
ACCESSORIES		
	AZPV8WIREU	Airzone Connection Extension Cable - 2.5 m / 98 in for Aidoo (6 pins)
	AZX6CBLBUS300FT	Airzone Shielded Bus Cable UL444 (AWG 24-2 wired + AWG 20-2 wired) 300ft
	AZX6CBLBUS50FT	Airzone Shielded Bus Cable UL444 (AWG 24-2 wired + AWG 20-2 wired) 50ft
	AZX6ACCSPLDA0	S21 port splitter Daikin Residential
	AZX6ACCSPLMEL	CN105 port splitter Mitsubishi Electric

* Not compatible with Aidoo Pro STI

Aidoo KNX

IMAGE	PART NUMBER	DESCRIPTION
	AZAI6KNX2 [brand]	Aidoo KNX v2.0 Airzone-[brand] Inverter/VRF
ACCESSORIES		
	AZPV8WIREU	Airzone Connection Extension Cable - 2.5 m / 98 in for Aidoo (6 pins)
	AZX6CBLBUS300FT	Airzone Shielded Bus Cable UL444 (AWG 24-2 wired + AWG 20-2 wired) 300ft
	AZX6CBLBUS50FT	Airzone Shielded Bus Cable UL444 (AWG 24-2 wired + AWG 20-2 wired) 50ft
	AZX6ACCSPLDA0	S21 port splitter Daikin Residential
	AZX6ACCSPLMEL	CN105 port splitter Mitsubishi Electric

Aidoo Z-Wave

IMAGE	PART NUMBER	DESCRIPTION
	AZAI6ZWU [brand]	Aidoo Z-Wave Plus Airzone-[brand] Inverter/VRF
ACCESSORIES		
	AZPV8WIREU	Airzone Connection Extension Cable - 2.5 m / 98 in for Aidoo (6 pins)
	AZX6CBLBUS300FT	Airzone Shielded Bus Cable UL444 (AWG 24-2 wired + AWG 20-2 wired) 300ft
	AZX6CBLBUS50FT	Airzone Shielded Bus Cable UL444 (AWG 24-2 wired + AWG 20-2 wired) 50ft
	AZX6ACCSPLDA0	S21 port splitter Daikin Residential
	AZX6ACCSPLMEL	CN105 port splitter Mitsubishi Electric

Aidoo Zigbee

IMAGE	PART NUMBER	DESCRIPTION
	AZAI6ZBE [brand]	Aidoo Zigbee Airzone-[brand] Inverter/VRF
ACCESSORIES		
	AZPV8WIREU	Airzone Connection Extension Cable - 2.5 m / 98 in for Aidoo (6 pins)
	AZX6CBLBUS300FT	Airzone Shielded Bus Cable UL444 (AWG 24-2 wired + AWG 20-2 wired) 300ft
	AZX6CBLBUS50FT	Airzone Shielded Bus Cable UL444 (AWG 24-2 wired + AWG 20-2 wired) 50ft
	AZX6ACCSPLDA0	S21 port splitter Daikin Residential
	AZX6ACCSPLMEL	CN105 port splitter Mitsubishi Electric



AIRZONE SYSTEM	THERMOSTAT TYPE	SCREEN COLOR	PREMIUM FINISH OPTIONS¹
[AZAI6] – Aidoo	[BLUESC] – Blueface	[B] - White [N] - Black	[B] – White
			[N] – Black
			[CY] – Yellow gold
			[GP] – Rose gold
			[CW] – White gold

[brand]²

BA2	Baxi R32	HIT	Hitachi RPI
BAX	Baxi R410A	HS1	Hisense 1x1
DA0	Daikin Residential	HS2	Hisense VRF
DA1	Daikin Sky Air / VRV	LGE	LG
DA3	Daikin Fancoil HPC	MD1	Midea V5 protocol
FU2	Fujitsu UART	MD2	Midea V6 / V8 protocol
FUJ	Fujitsu 3 wires	MD4	Midea V5 (HAHB)
GR1	Gree U-Match R32	MD5	Midea V5 (HAHB) NA
GR2	Gree VRF	MEL	Mitsubishi Electric
GRE	Gree U-Match R410A	MHI	Mitsubishi Heavy
GW1	Giwee	PA0	Panasonic RAC Domestic
HAI	Haier	PAN	Panasonic PACi
HI2	Hitachi RAD	SA2	Samsung Nasa
HI3	Hitachi Primairy	TOS	Toshiba



Compatibility
checker Aidoo

¹ See page 43 for more information about our thermostats' premium finishes.
² Check availability and compatibility with manufacturers' units at airzonecontrol.com

Connectivity & Integration for our Multi-Zone Systems VAF & Easyzone

WEBSERVER HUB

Webserver HUB serves as **the bi-directional connectivity & integration component for Airzone's Zoning systems: VAF & Easyzone**, connecting HVAC units with home automation and building management platforms and offering app control. Its integration capabilities extend beyond standard protocols like BACnet and Modbus, offering an extensive library of integration drivers to enable further connectivity.

Engineered for multi-brand and multi-protocol environments, this HUB works alongside our control systems to enable centralized management of advanced HVAC systems. The Webserver HUB offers precise control across multiple zones, brands, and technologies. **A single webserver can work with up to 32 Airzone zoning systems.**



FEATURES

- Dual Wi-Fi (2.4/5 GHz)
- Ethernet port
- RS485 port for BACnet MS/TP, Modbus RTU/TCP
- Local API integration
- BACnet IP
- Voice control
- Remote indoor unit error code readings
- Remote firmware and system updates
- Bluetooth Low Energy (BLE) connectivity for setup



User Interfaces

AIRZONE CLOUD APP



The most comprehensive app for managing HVAC systems. Airzone Cloud App connects HVAC to the digital world. With it, users have full control over their indoor climate, while professionals can efficiently manage installations anytime, anywhere. By displaying all connected units, with features like calendar scheduling, scene creation, and temperature limits, Airzone Cloud simplifies the management and maintenance of installed systems. It offers unified, multi-brand, multi-protocol, multi-user, and multi-site compatibility, ensuring complete and efficient control over your HVAC systems.



AVAILABLE FOR

- **Airzone multi-zone systems:**
VAF & Easyzone with a Webserver HUB
- **Aidoo Wi-Fi**
- **Aidoo Pro family**



Zoned Climate Control



Set-point temperature limits



Time schedules



Scenes



Voice control



Weather information



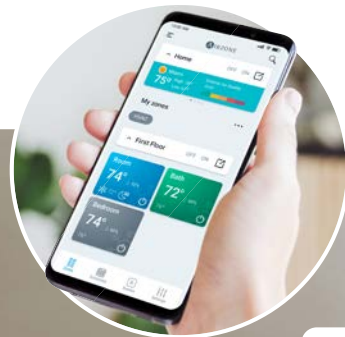
Group control



Advanced settings through Airtools



Direct contact with the Airzone's Support Service



Airzone
Cloud



Download on the
App Store



GET IT ON
Google Play

THERMOSTATS

Discover all of the functions of each interface here!



AIRZONE

Blueface

Our most advanced thermostat, featuring a full-color touchscreen that delivers intuitive full-system control with advanced capabilities

Wired ☒ ☐

Finished in zamak and tempered glass



AIRZONE Think

E-ink wireless zone thermostat **designed for long-lasting performance and precise comfort** in every space.

Wireless ☐ ☒

Finished in zamak and tempered glass



AIRZONE Lite

Combines simplicity and functionality with an intuitive touch panel and color status indicators for easy on/off control and precise temperature adjustments.



Wired or wireless



Finished in zamak and tempered glass



Premium Finishes

A new range of thermostats with premium finishes, combining advanced functionality with refined aesthetics. The Blueface, Think and Lite ranges feature new exclusive designs to suit any style, from the most minimalist to the most sophisticated.



Yellow Gold



Rose Gold



White Gold



Black



White

Contacts, Services & Tools



SALES & GENERAL CONTACTS

Airzone's sales team is here to support you wherever your projects take you. With representatives and associates across the United States, we're ready to bring our solutions closer to you and ensure reliable service nationwide.

- **Sales & General Information:** azna-staff@airzonecontrol.com
- **Order tracking / information:** sales_na@airzonecontrol.com
- **Marketing:** marketing@airzonecontrol.com

Online
contact form



TECHNICAL SUPPORT

Airzone provides multiple support channels to assist with incidents, and technical inquiries, before or after your installation.

- **Phone:** +1 866 521 0263

Monday-Thursday 08:30 AM EST to 08:00 PM EST
Fridays 08:30 AM EST to 05:00 PM EST
- **Email:** techsupport_na@airzonecontrol.com
- **WhatsApp:** +1 404-734-0492

Schedule
a Support Callback



PROJECT SERVICES & TOOLS

Airzone's team of engineers provides expert technical support in selecting the correct product, sizing equipment to the installation, and tailoring our solutions to each application. Their guidance is carefully aligned with current regulations, project specifications, technical, and budgetary requirements.

- **Email:** projects_na@airzonecontrol.com



ONLINE TOOLS

**Compatibility Tool:**

Check your unit's compatibility with our solutions

**Ductzone:**

Simplified calculation software to select the Airzone components for your projects

**Damper sizing tool:**

Choose the right damper for your project

**CAD Blocks and Wiring Diagrams:**

Download images from our CAD library, BIM Models and Energy Analysis Reports to optimize your project





AIRZONE ACADEMY

Airzone Academy is Airzone's dedicated online training platform, offering a mix of theoretical and practical content, along with live webinar recordings. Its programs are tailored to meet the specific needs of installers, engineers, and integrators.

- **Email:** training_na@airzonecontrol.com



 Are you interested in an in-person training?

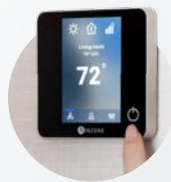
schedule an in-person training with our technical trainers:
technicalservices_na@airzonecontrol.com

GENERAL WARRANTY TERMS



5 YEARS

for mechanical products
such as dampers and
plenums

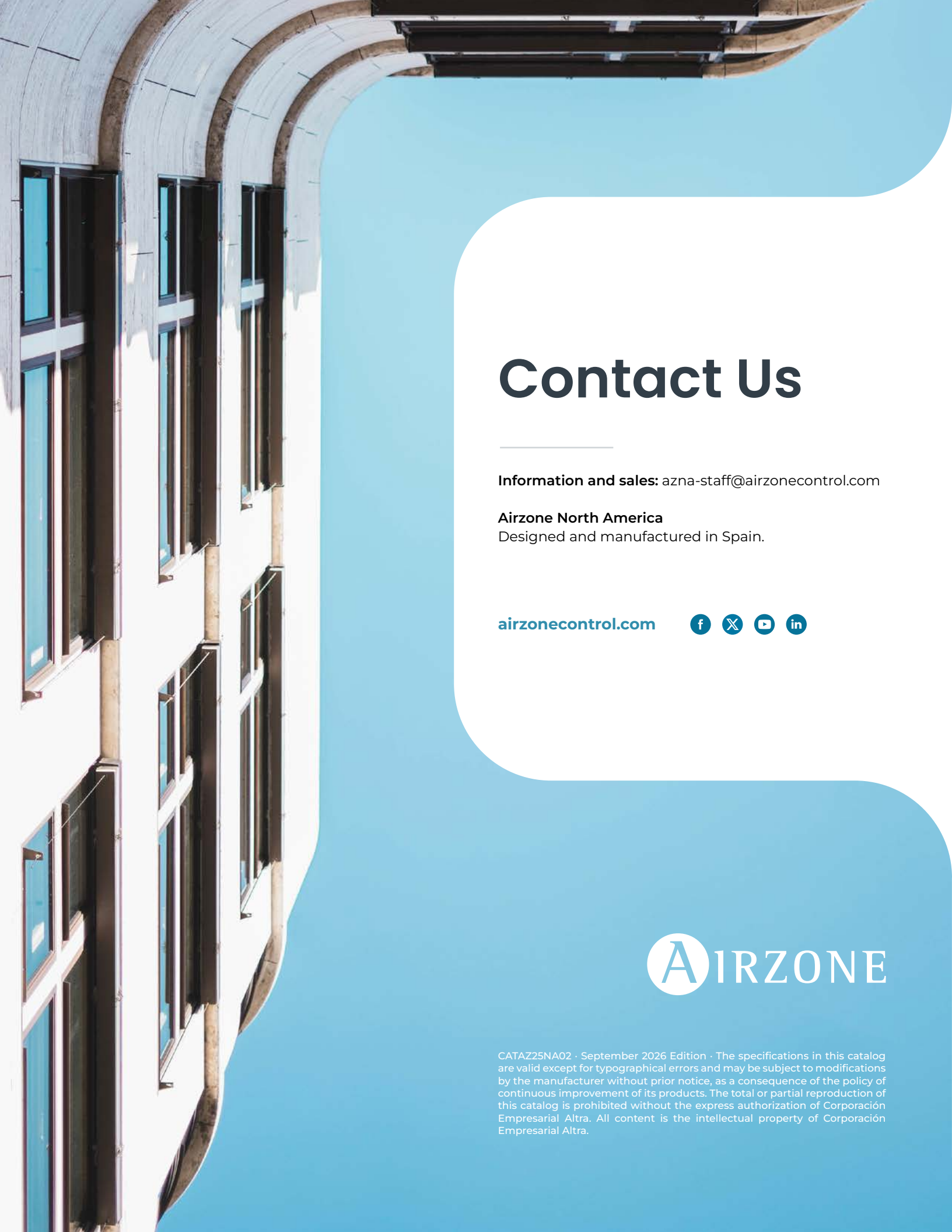


3 YEARS

for electronic components
such as thermostats and
main control boards

A large, modern glass skyscraper reflecting the sky and surrounding greenery. The building is the central focus of the image, with its glass facade showing reflections of the surrounding environment. The text 'CLIMATE CONTROL PEOPLE' is overlaid on the right side of the image in a large, white, sans-serif font.

CLIMATE
CONTROL
PEOPLE



Contact Us

Information and sales: azna-staff@airzonecontrol.com

Airzone North America

Designed and manufactured in Spain.

airzonecontrol.com



CATAZ25NA02 · September 2026 Edition · The specifications in this catalog are valid except for typographical errors and may be subject to modifications by the manufacturer without prior notice, as a consequence of the policy of continuous improvement of its products. The total or partial reproduction of this catalog is prohibited without the express authorization of Corporación Empresarial Altra. All content is the intellectual property of Corporación Empresarial Altra.