AIRZONE

Product & Service Catalog

INTEGRATED ZONE CONTROL SOLUTIONS
FOR DUCTLESS & DUCTED INVERTER UNITS

Table
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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
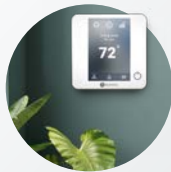
MORE THAN

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 AC 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 AC 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.

[1]Only available for zoning products

Ease of installation:
Our solutions offer simple, plug & play HVAC zoning and integration options.

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

Efficiency[1]:
Airzone solutions save energy by conditioning only the zones that are in demand, optimizing indoor unit capacity, and reducing unnecessary load. Features like setpoint limits, scheduling, and lockout temperatures further enhance energy savings.

Precise Comfort[1]:
By controlling each zone independently, Airzone ensures consistent comfort throughout the building by delivering a level of comfort that standard systems can't match.

Multiple technologies[1]:
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.

200+ A2L COMPATIBLE BRANDS

DAIKIN MITSUBISHI ELECTRIC AIR CONDITIONERS LG FUJITSU SAMSUNG Haier HITACHI Hisense Midea

GREE Carrier bryant TOSHIBA YORK LENNOX Panasonic TRANE

MITSUBISHI HEAVY INDUSTRIES Cooper&Hunter DURASTAR CHIGO

A2L-READY

Airzone zoning solutions allow a single ducted inverter A2L or HFC unit to A2L 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
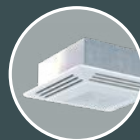
Ducted Units
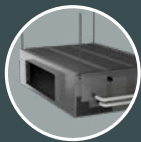
Horizontal

Vertical / Multi-Position

Ductless Units

Wall Mounted

Floor Mounted

Ceiling Cassette

Airzone Solutions

Multi-Zone Control

EASYZONE & VAF:
INTEGRATED ZONING CLIMATE 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 ALGORITHM[1]

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 ALGORITHM[1]

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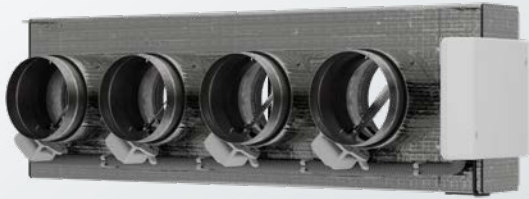
[1] Only available for Airzone's modular control solution VAF.

Easyzone

| PLUG & PLAY MOTORIZED ZONING PLENUM

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.
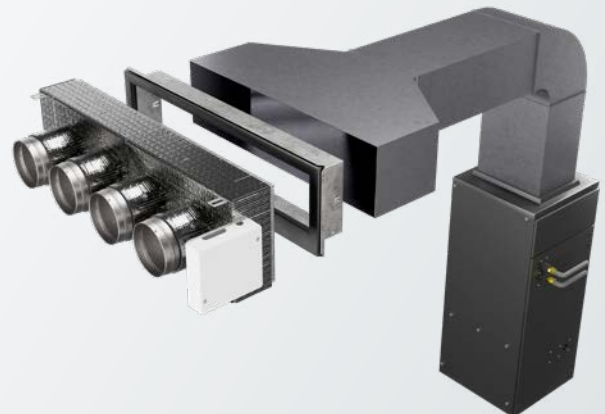
READY FOR

Horizontal units

Multi-postion or vertical units

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

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

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¨ diamater (up to 5 dampers) with different configurations.

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

AZS62ˣˣˣ

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.

AZS62ˣˣˣˣˣ

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.

AZS62ˣAHUˣˣ
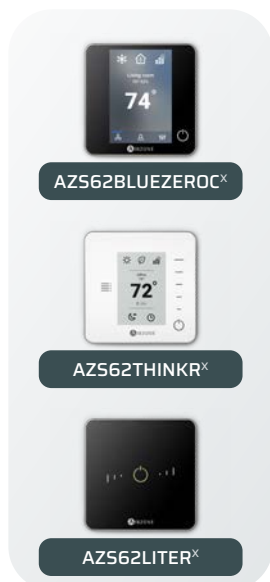
4 **Advanced zone thermostats**

• **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.

AZS62BLUEZEROCˣ

• **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.

AZS62THINKRˣ

• **Lite (Wireless):** Zone thermostat which offers basic control, allowing for temperature adjustments of ±6°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 wireless version is powered through a CR2450 battery.

AZS62LITERˣ
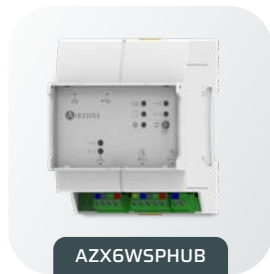
5 Webserver HUB

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

AZX6WSPHUB

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.

AZPV8WIREU

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 (AZX6CBLBUS50FT).

AZX6CBLBUS300FT

'X' in product references indicates a value to be specified; see reference tables

WIRING DIAGRAMS

Horizontal unit
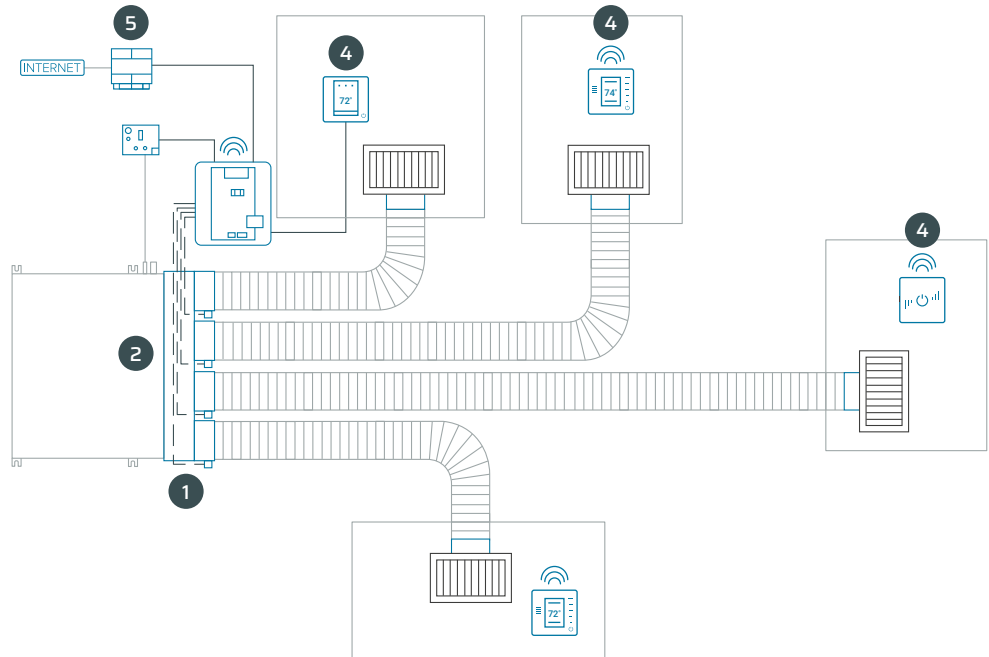
Vertical unit
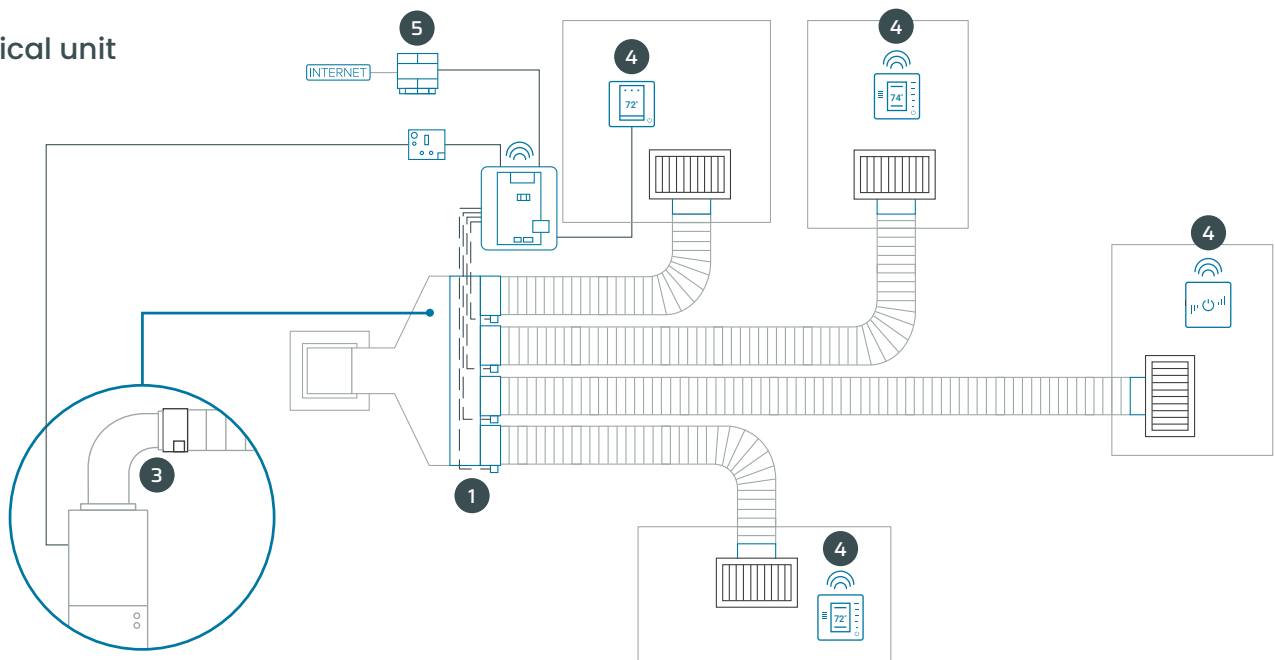
Easyzone Support
Page to Download
Product Spec Sheets

Installation
Manual

Video
resources

More info &
applications

PART NUMBERS

IMAGE	REFERENCE	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	**PLENUM NECK ADAPTED FOR HORIZONTAL UNITS**	
	AZS62S [brand] [range]	S Neck for Easyzone S62 Airzone-[brand] [range]
	AZS62M [brand] [range]	M Neck for Easyzone S62 Airzone-[brand] [range]
	AZS62L [brand] [range]	L Neck for Easyzone S62 Airzone-[brand] [range]
3	**PLENUM NECK FOR VERTICAL AND MULTIPOSITION (AHU) UNITS**	
	AZS62MAHU [range]	M Neck for Easyzone S62 Airzone-AHU unit [range]
	AZS62LAHU [range]	L Neck for Easyzone S62 Airzone-AHU unit [range]

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

[brand][1]

CAR	Carrier	**FUJ**	Fujitsu	**KAY**	Midea / Kaysun	**SAM**	Samsung
CHG	Chigo	**HIS**	Hisense	**LGE**	LG	**TOS**	Toshiba
DAI	Daikin	**HIT**	Hitachi	**MEL**	Mitsubishi Electric		

IMAGE	REFERENCE	DESCRIPTION
4	**ADVANCED THERMOSTATS**	
	AZS62BLUEZEROCB	Airzone S62 Blueface Zero thermostat wired white
	AZS62BLUEZEROCN	Airzone S62 Blueface Zero thermostat wired black
	AZS62THINKRB	Airzone S62 Think thermostat wireless white
	AZS62THINKRN	Airzone S62 Think thermostat wireless black
	AZS62LITERB	Airzone S62 Lite thermostat wireless white
	AZS62LITERN	Airzone S62 Lite thermostat wireless black
	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

[1] Can't find your unit's protocol?. Check availability and compatibility units at airzonecontrol.com

VAF

| **MODULAR INTEGRATED MULTI-ZONE SOLUTION FOR CENTRALIZED CONTROL**

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

AZVAFˣˣˣ

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.

AZVAFBLUEZEROCˣ

AZVAFTHINKRˣ

AZVAFLITEˣˣ

3 Advanced zone thermostats

• **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 ±6°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.

AZVAFDAMPERˣˣ**C**

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 remote and distributed temperature probes for greater flexibility in temperature reading.

AZVAFDAMPER^{xx}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 remote and distributed temperature probes for greater flexibility in temperature reading.

AZVAFZMO^{xxx}C

6 Wired 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 remote and distributed temperature probes for greater flexibility in temperature reading.

AZVAFZMO^{xxx}R

7 Wireless individual zone module

For non-zoned unit control. Each module is designed to work with a specific HVAC manufacturer communications' protocol. Communicates wirelessly with the zone thermostat 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 remote and distributed temperature probes for greater flexibility in temperature reading.
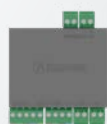
AZVAFZMRADC

8 Wired supplemental heat zone module

Supplemental heat zone control. 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 remote and distributed temperature probes for greater flexibility in temperature reading.
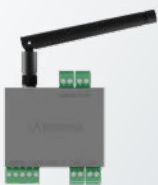
AZVAFZMRADR

9 Wireless supplemental heat zone module

Supplemental heat zone control. Communicates with the zone thermostat wirelessly 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 remote and distributed temperature probes for greater flexibility in temperature reading.
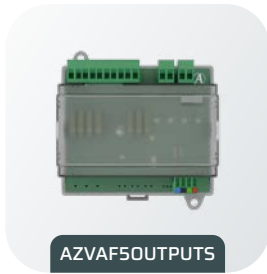
10 Relay supplemental heat control module

AZVAF5OUTPUTS

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

AZX6WSPHUB

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.

12 Airzone Connection Extension Cable

AZPV8WIREU

Universal 6-pin extension cable (98 in). Ideal for installations where the Airzone gateway needs to be positioned farther away from the indoor unit.

13 Airzone metallic temperature probe in sheath

AZX6SONDPROTECT

Used as a protection probe for boiler return water. Configurable as either a remote or distributed probe.

14 Airzone 12v power supply

AZX6POWER

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

15 Airzone Shielded Bus Cable UL444

AZX6CBLBUS300FT

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).

'X' in product references indicates a value to be specified; see reference tables
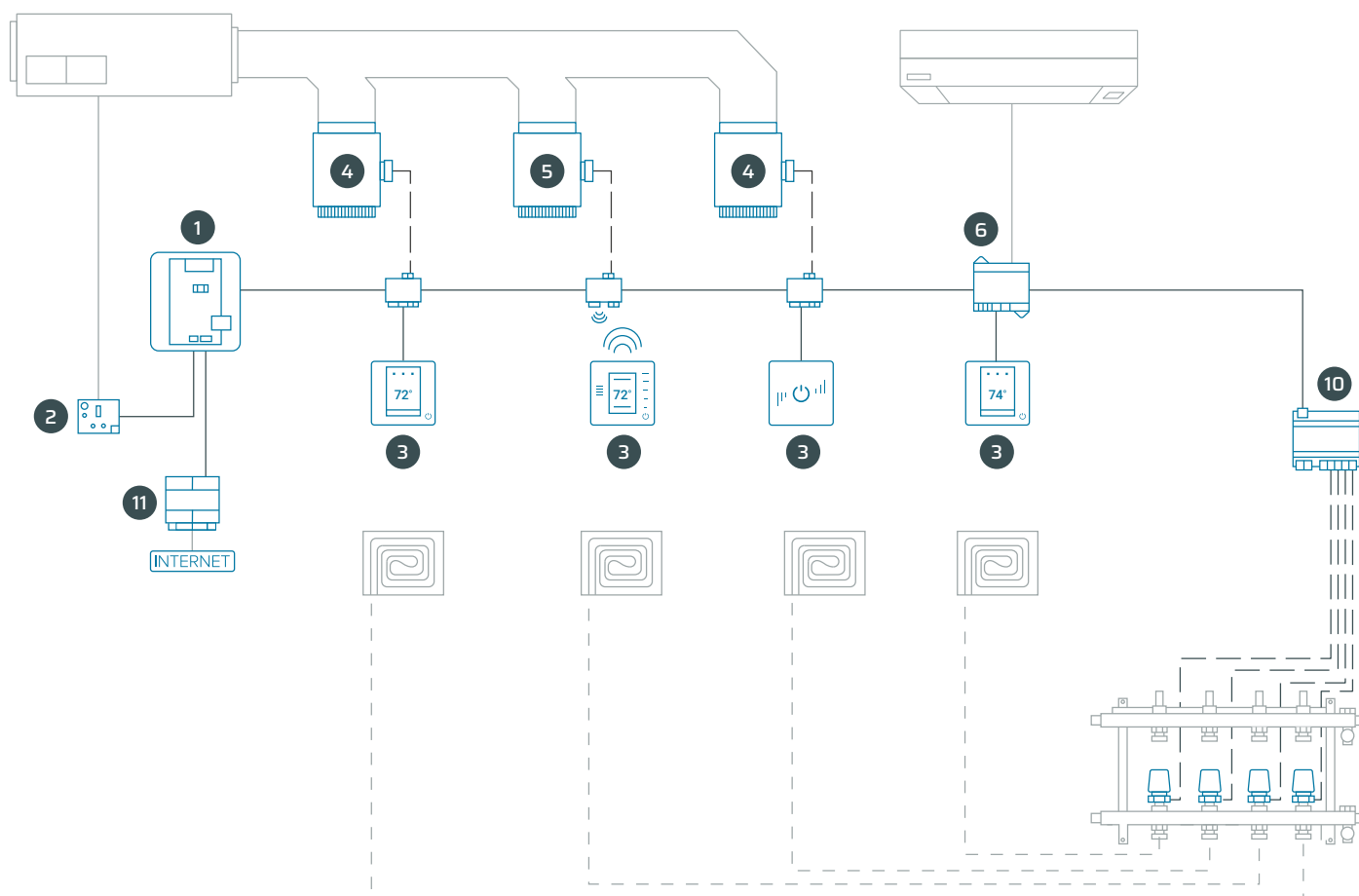
VAF Support Page to Download Product Spec Sheets

Installation Manual

Video resources

More info & applications

PART NUMBERS

IMAGE	REFERENCE	DESCRIPTION
1	**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 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

IMAGE	REFERENCE	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	AZVAFZMO [brand] C	Airzone VAF wired zone module with [brand] communication
7	AZVAFZMO [brand] R	Airzone VAF wireless zone module with [brand] communication
8	AZVAFZMRADC	Airzone VAF wired zone module only radiant
9	AZVAFZMRADR	Airzone VAF wireless zone module only radiant
	AZVAFZMF5RC	Airzone VAF wired zone module with Fan coil 5 relay control
	CONTROL MODULE	
10	AZVAF5OUTPUTS	Airzone VAF relay radiant heat control module
	WEBSERVER AND INTEGRATION	
11	AZX6WSPHUB	Webserver HUB Airzone Cloud Dual 2.4-5 GHz/Ethernet

IMAGE	REFERENCE	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 12v power supply unit
(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

[brand][1]

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

[1] Can't find your unit's protocol? Check availability and compatibility units at airzonecontrol.com

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Airzone Solutions

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

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

AIDOO

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, and 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 communicactions' 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.

HVAC A IT

AIDOO

climate econnection

The Aidoo Family

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

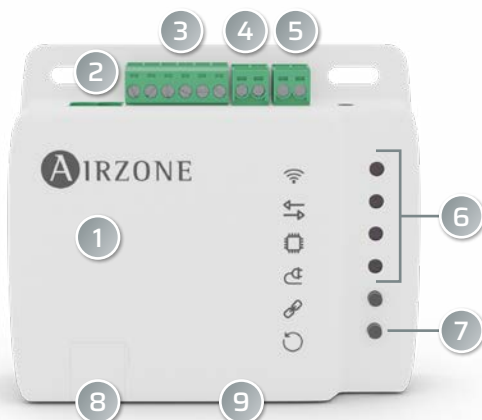4. Indoor unit communication port

5. Modbus RTU Port

THE AIDOO PRO FAMILY

INTEGRATION FOR OPEN PROTOCOLS (BACNET, MODBUS & DRIVERS)

API { REST:API }

Aidoo Pro DX

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: 12V (included)

3. Smart thermostat Connection

4. Auxiliary Heat Relay

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.
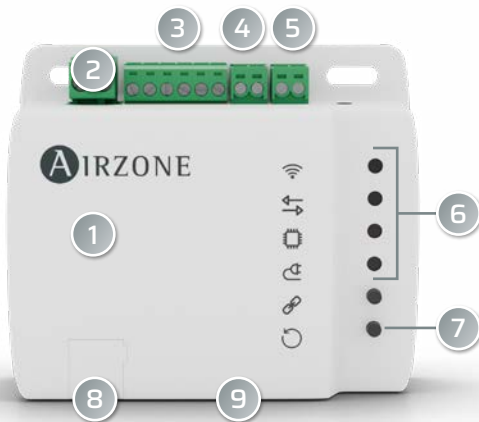
1. Dual Wi-Fi (2.4/ 5 GHZ)
2. Power Supply: 24VAC (Uses the field supplied smart thermostat power Supply)
3. Smart thermostat Connection
4. Auxiliary Heat Relay
5. Digital input
6. Status LEDs
7. Reset
8. RS-485 Integration Port (Modbus RTU, BACnet MS/TP)
9. Indoor Unit communication Port

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.
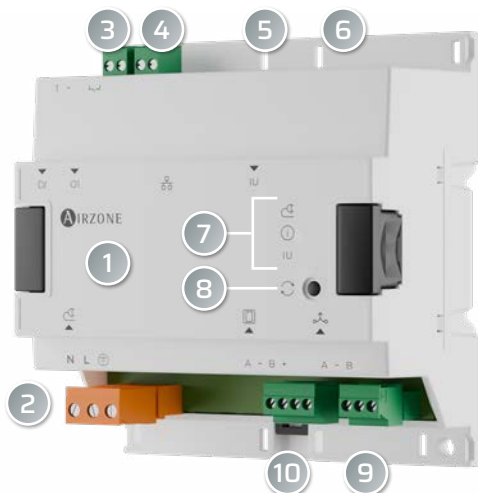
1. Dual Wi-Fi (2.4/ 5 GHZ)
2. Power Supply: 230/110V
3. Digital input
4. Auxiliary Heat Relay
5. Ethernet Port
6. Indoor Unit Communication Port
7. Status LEDs
8. Reset
9. RS-485 Integration Port (Modbus RTU, BACnet MS/TP)
10. Airzone port (Blueface Thermostat)

Aidoo Pro Fan Coil   NEW

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.
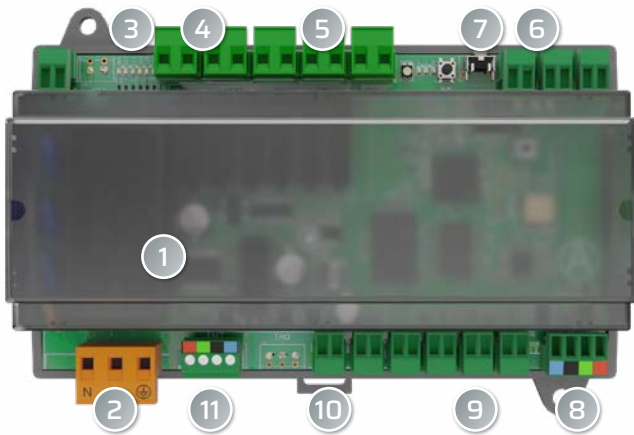
1. Dual Wi-Fi (2.4/ 5 GHZ)

2. Power Supply: 230/110V

3. Status LEDs

4. Cooling / heating mode

5. Three-speed fan control

6. Cooling / heating mode 0-10V

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 CLOSED 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

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
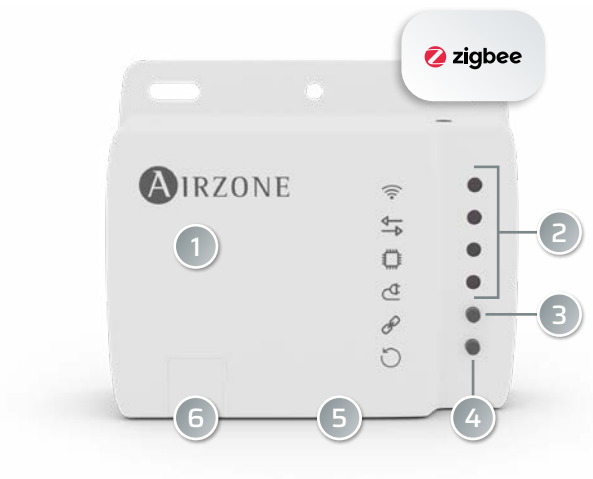
1. Zigbee Technology
2. Status LEDs
3. Pairing/ Configuration with the Zigbee HUB
4. Reset
5. Indoor Unit Communication Port
6. Integration Port (Modbus RTU)

Airzone Aidoo Blueface Zero thermostat

AZAI6BLUEZEROC^X

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

Airzone Connection Extension Cable

AZPV8WIREU

Universal 6-pin extension cable (98 in). Ideal for installations where the Aidoo needs to be positioned farther away from the indoor unit.

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

AZX6CBLBUS300FT

Flexible shielded twisted cable. Transmits data (analog & digital signals) and supplies power to Airzone components, with protection against electromagnetic interference. Supplied in 328-ft and 50-ft rolls.

S21 port splitter Daikin Residential

AZX6ACCSPLDA0

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.

CN105 port splitter Mitsubishi Electric

AZX6ACCSPLMEL

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

AIDOO
Wi-Fi

Blueface
Thermostat

AIDOO
Pro
Wi-Fi

Blueface
Thermostat

AIDOO
Pro
Fancoil

Smart
Thermostat
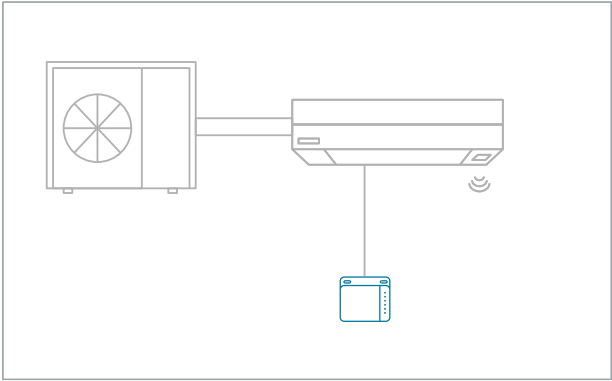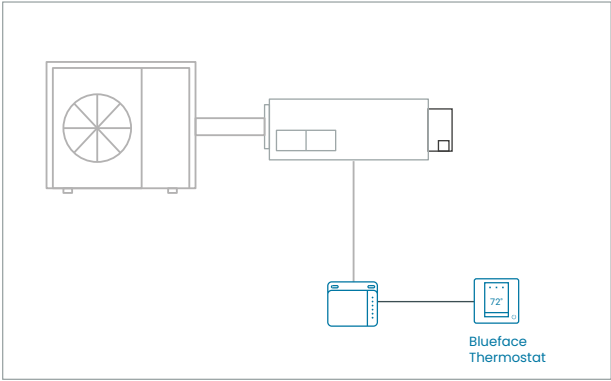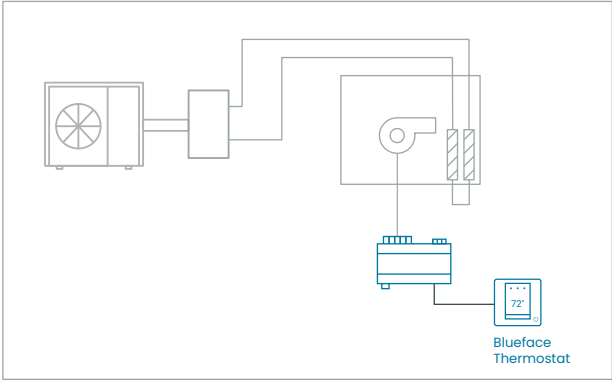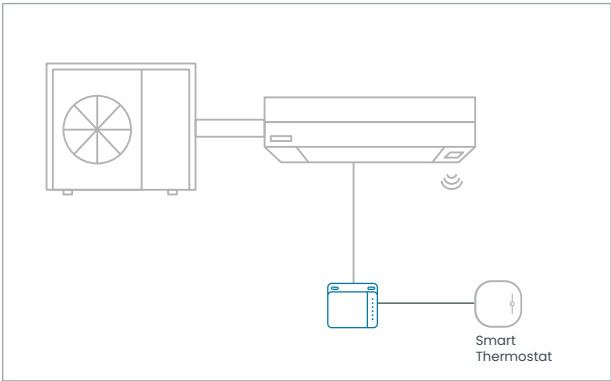
AIDOO
Pro
STI

Support Page
for Aidoo

Video
resources

Aidoo
Applications

PART NUMBERS

Aidoo Wi-Fi

IMAGE	REFERENCE	DESCRIPTION
AIDOO FOR AIR CONDITIONING EQUIPMENT		
	AZAI6WSC [brand]	Aidoo Wi-Fi Airzone-[brand] Inverter / VRF
	AZAI8WS2 [brand]	Aidoo Wi-Fi v2.0 Airzone-[brand] Inverter / VRF
ACCESSORIES		
	AZPV8WIREU	Airzone Connection Extension Cable - 2.5 m / 98 in for Aidoo (6 pins)
	AZX6ACCSPLDA0	S21 port splitter Daikin Residential
	AZX6ACCSPLMEL	CN105 port splitter Mitsubishi Electric

Aidoo Pro

IMAGE	REFERENCE	DESCRIPTION
AIDOO FOR AIR CONDITIONING EQUIPMENT		
	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
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	REFERENCE	DESCRIPTION
AIDOO FOR AIR CONDITIONING EQUIPMENT		
	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)
	AZX6ACCSPLDA0	S21 port splitter Daikin Residential

Aidoo Z-Wave

IMAGE	REFERENCE	DESCRIPTION
AIDOO FOR AIR CONDITIONING EQUIPMENT		
	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)
	AZX6ACCSPLDA0	S21 port splitter Daikin Residential
	AZX6ACCSPLMEL	CN105 port splitter Mitsubishi Electric

Aidoo Zigbee

IMAGE	REFERENCE	DESCRIPTION
	AIDOO FOR AIR CONDITIONING EQUIPMENT	
	AZAI6ZBE [brand]	Aidoo Zigbee Airzone-[brand] Inverter/VRF
	ACCESSORIES	
	AZPV8WIREU	Airzone Connection Extension Cable - 2.5 m / 98 in for Aidoo (6 pins)
	AZX6ACCSPLDA0	S21 port splitter Daikin Residential
	AZX6ACCSPLMEL	CN105 port splitter Mitsubishi Electric

[brand][1]

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

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, offering precise control across multiple zones 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, 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

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

Office
70º-52%

72º

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

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:
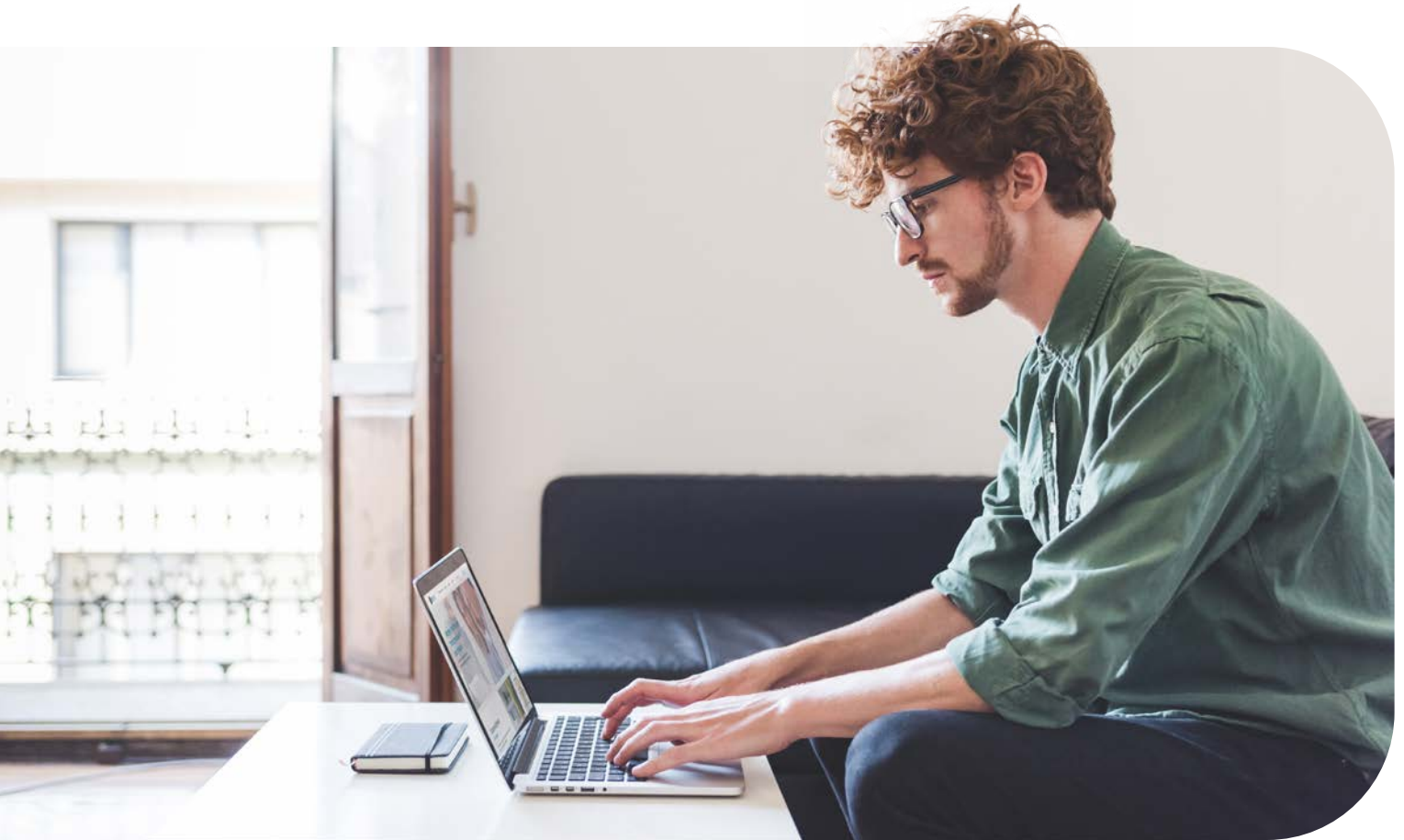Simplified calculation software to select the Airzone components for your projects

Damper sizing tool:
Choose the right damper for your project

CAD Blocks and BIM Models:
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

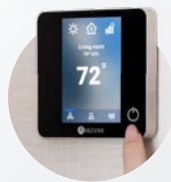🎓 **Are you interested in an in-person training?**

schedule an in-person training with our technical trainers:
techsupport_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

CLIMATE CONTROL PEOPLE

Contact Us

Information and sales: azna-staff@airzonecontrol.com

Airzone North America
Designed and manufactured in Spain.

airzonecontrol.com   f   X   ▶   in

AIRZONE