

ΔIDOO

climate econnection



Master HVAC integration with Aidoo



AIDOO IS
A PRODUCT
MADE BY

AIRZONE



Which **Aidoo** do you need for your project?

	Aidoo Zigbee Direct expansion/ VRF	Aidoo Z-Wave Direct expansion	Aidoo KNX Direct expansion	Aidoo PRO Direct expansion/ Air to water units	Aidoo PRO Chilled water fan coil
Indoor unit control	Communication gateway	Communication gateway	Communication gateway	Communication gateway	3 speeds / 0-10 V
Connectivity	Zigbee	Z-Wave Plus	KNX	Wi-Fi Dual 2,4/5 GHz	Wi-Fi Dual 2,4/5 GHz
App	-	-	-	Yes	Yes
Settings	Zigbee	Z-Wave Plus	ETS	Airzone Cloud app	Airzone Cloud app
Voice control	-	-	-	Yes	Yes
Power supply	Indoor unit	Indoor unit	Indoor unit and KNX network	External power supply at 12 VDC*	220 VAC
Digital input	-	-	3 configurable inputs	On/Off	On/Off
Auxiliary heat output	-	-	-	Yes	Yes
GYW input for smart thermostats	-	-	-	Yes	-
RS485 integration port	Modbus	Modbus	-	Modbus and BACnet MS/TP	Modbus and BACnet MS/TP
API REST and integration of drivers	-	-	-	Yes	Yes
Cloud API	-	-	-	Yes	Yes

* Power supply included.

The Aidoo range offers a Plug&Play solution for the integration of Inverter/VRF units in **BMS systems**.

Units controlled



Consoles



Cassettes



Ducted AC units



Splits

Control parameters

- » On/Off.
- » Selection of the operation mode.
- » Room temperature.
- » Set-point temperature.
- » Fan speeds.

ΔIDOO Zigbee

Inverter | VRF | Ductless

Complete integration of Inverter/VRF/Ductless units for **Zigbee systems**.



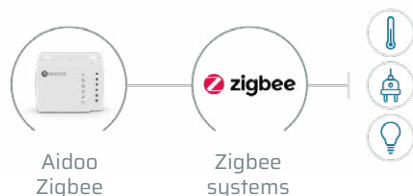
Integration options

Modbus
RTU Port



Other features:

- **Bluetooth** initial configuration.
- Voice control via **Amazon Alexa** or **Google Home**.
- **Airzone Cloud app**.
- **Airtools**: remote reading of error codes.



ΔIDOO Z-Wave

Direct expansion

Complete integration of Inverter/VRF units for **Z-Wave Plus** systems.

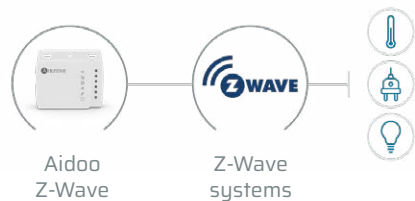


Integration possibilities

Modbus
RTU Port



Coming soon



ΔIDOO KNX

Direct expansion

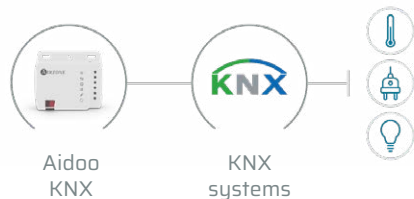
KNX certified product to control Inverter/VRF applications.

» Three configurable digital inputs.



Integration possibilities

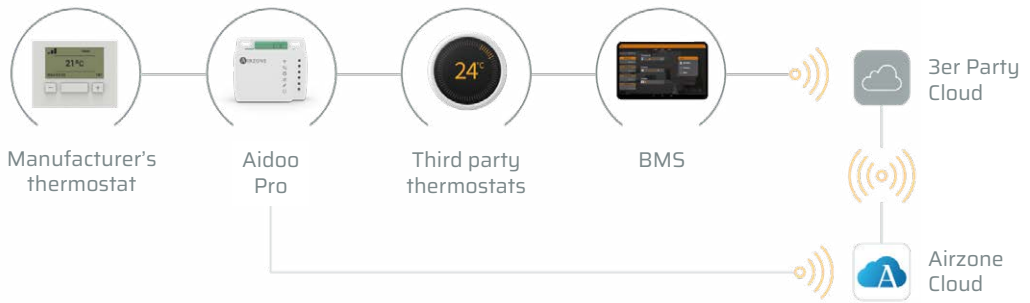
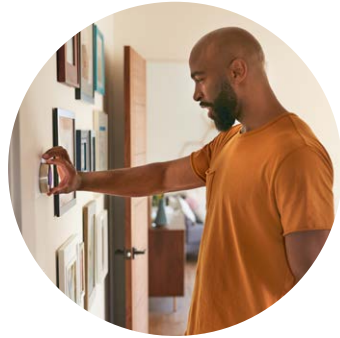
[ETS]



AIDOO Pro

Direct expansion | Air to water units

Easy BMS/HA integration for Inverter/VRF systems. Control the unit through a Smart Thermostat (Cloud-to-Cloud integration).



Integration possibilities

BACnet MS/TP Port | Modbus RTU Port

{REST:API} API

LUTRON.

Drivers

Control4 | CRESTRON | ELAN

FIBARO | Home Assistant | EEDOM | RTI

DELTA DORE | Schneider Electric

Other features:

- **Set-point temperature.**
- **Time schedules** of temperature.
- **Bluetooth** configuration.
- Voice control via **Amazon Alexa, Google Home or Smart Things.**
- **Airzone Cloud app.**
- **Configurable dry contact** for remote On/Off, occupancy detection.
- **Airtools:** remote monitoring of the unit.
- **Configurable auxiliary heat** output.
- **Dual Wi-Fi 2.4/5GHz.**

AIDOO Pro

Chilled water fan coil

BMS integration of all chilled water fan coil types, the most common solution in new and existing commercial applications.



Aidoo Pro



Airzone Cloud



BMS control

Integration possibilities



BACnet
MS/TP Port

Modbus
RTU Port

{REST:API}



LUTRON.

Drivers

Control4

CRESTRON

ELAN

FIBARO



Home Assistant



EEDOM

RTI

DELTA
DORE

Schneider
Electric

Other features:

- **Set-point temperature.**
- **Time schedules** of temperature.
- **Bluetooth** configuration.
- Voice control via **Amazon Alexa, Google Home or Smart Things.**
- **Airzone Cloud app.**
- **Occupancy detection.**
- **Configurable dry contact** input for remote On/Off.
- **ECO function.**
- Optional **temperature probe.**



More than
17.000

units are compatible
with Aidoo

Communication protocols developed
and tested in collaboration with
manufacturers of heat pumps



+ 100
brands of HVAC

DAIKIN **FUJITSU** **Hisense** **HITACHI** **Midea**

MITSUBISHI ELECTRIC **MITSUBISHI HEAVY INDUSTRIES** **Panasonic** **SAMSUNG** **TOSHIBA**

AERMEC **CIAT** **CLIVET** **Carrier** **CLIMAVENETA**

SABIANA **OLIMPIA SPLENDID** **systemair** **TRANE**



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