



# Master HVAC integration with Aidoo



AIDOO IS  
A PRODUCT  
MADE BY

**AIRZONE**



## Which Aidoo do you need for your project?

COMING SOON				
	Aidoo Zigbee Inverter/VRF	Aidoo Z-Wave Inverter/VRF	Aidoo KNX Inverter/VRF	Aidoo PRO Inverter/VRF
<b>Indoor unit communication</b>	Manufacturer Protocol	Manufacturer Protocol	Manufacturer Protocol	Manufacturer Protocol
<b>Connectivity</b>	Zigbee	Z-Wave Plus	KNX	Wifi Dual Band: 2.4 / 5 GHz
<b>Airzone Cloud App control</b>	-	-	-	✓
<b>Configuration</b>	Zigbee	Z-Wave Plus	ETS	Airzone Cloud App
<b>Voice control</b>	-	-	-	Amazon Alexa, Google Home, SmartThings
<b>Power supply</b>	Indoor unit	Indoor unit	Indoor unit and KNX network	External power supply at 12 VDC*
<b>Digital input</b>	-	-	3 configurable inputs	Eco mode, presence sensor, window opening sensor
<b>Auxiliary heat output</b>	-	-	-	✓
<b>Compatible with Smart Thermostat</b>	-	-	-	✓
<b>Additional BMS Interfaces</b>	Modbus	Modbus	-	Modbus RTU, Modbus TCP
<b>API REST and integration drivers</b>	-	-	-	✓
<b>Cloud API</b>	-	-	-	✓

\* Power supply included.

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The Aidoo range offers a Plug&Play solution to integrate Inverter (mini split & VRF) units in BMS & Home Automation systems.

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## Control parameters

- » On/Off
- » Operation mode selection
- » Room temperature
- » Set-point temperature
- » Fan Speed control

## Suitable for



Consoles



Cassettes



Concealed AC units



Mini split units



Vertical AHUs



Inverter | VRF

Complete integration of Inverter (mini split & VRF) units for **Zigbee systems**

## Integration options

 zigbee Modbus RTU Port

Unit parameters control:

- **On/Off**
- **Operation mode selection**
- **Set-point temperature**
- **Fan Speed control**

Zigbee Network Communications:

- » Error detection during communication
- » Unit parameters control
- » Port for integration via Modbus RTU protocol
- » Wireless Zigbee Configuration
- » Standard Thermostat Command Classes defined by the Zigbee Protocol



# ΔIDOO Z-Wave

## Inverter/VRF

Complete integration to transform the AC Inverter (mini split & VRF) unit into a **Z-Wave device**



### Z-Wave Network Communications:

- » Error detection during communication
- » Unit parameters control
- » Port for integration via Modbus RTU protocol
- » Standard & Z-wave SmartStart Configuration
- » Standard Thermostat Command Classes defined by the Z-wave Protocol



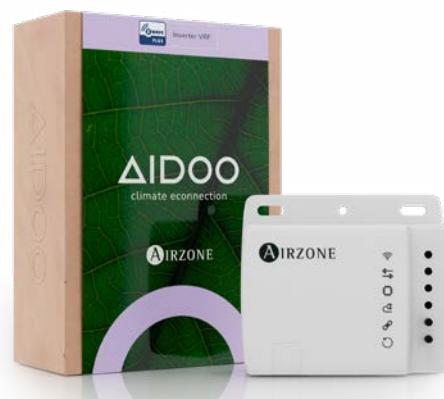
### Integration options



Modbus  
RTU Port

### Unit parameters control:

- **Z-Wave Plus certified** product
- **On/Off**
- **Operation mode** selection
- **Fan speed** control
- **Set-point temperature**
- Power supply through the indoor unit or with an external power source



# AIDOO KNX

Inverter | VRF

**Certified KNX product** for Inverter (mini split & VRF) units control

- » Error detection during communication
- » Power supply through the KNX bus cable
- » KNX certified product
- » Configurable from ETS



## Integration options

KNX

Other features:

- **Three configurable digital inputs** (modes, open window detection)
- Powered via **KNX bus**
- **Control parameters** (status, mode, fan speed, room temperature, set-point temperature, timer, unit error readings)



# ΔIDOO Pro

Inverter | VRF

**Simple BMS / Home Automation integration** for Inverter (mini split & VRF) units. Control the unit through a Smart Thermostat, Home Automation, or BACnet, all through the same device



## Integration options

BACnet MS/TP | BACnet IP | Modbus RTU | Modbus TCP

{REST:API}

Works with IFTTT

## Drivers

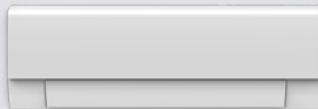
Control4 SAVANT

ELAN Home Assistant

Download APP  
Airzone Cloud

## Other features:

- Voice control: **Amazon Alexa, Google Home and SmartThings**
- Remote App control using **Airzone Cloud App**
- **12 VdC relay output** for auxiliary heat, and digital input for occupancy sensor or open window contact
- **Remote monitoring**, troubleshooting, and error code readings of the unit
- **Dual WiFi 2.4/5Ghz**
- **One per indoor unit**
- **Rebate** incentives available
- **Smart thermostat integration** with Nest, Ecobee, Honeywell Resideo, Venstar, and others, without losing inverter features



More than  
**17,000**

indoor units are compatible  
with Aidoo



Airzone communication protocols for  
Inverter (mini split & VRF) units:  
**developed and tested in collaboration with**  
**major HVAC manufacturers**



**150+**

Compatible HVAC Brands



HITACHI



Midea

Panasonic

SAMSUNG

TOSHIBA



Haier





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