**[midea\_ac\_lan](https://github.com/georgezhao2010/midea_ac_lan)/**[**doc**](https://github.com/georgezhao2010/midea_ac_lan/tree/master/doc)**/C3.md**

**Heat Pump Wi-Fi Controller**

**Features**

* Supports target temperature
* Supports run mode

**Entities**

**Default entity**

| **EntityID** | **Class** | **Description** |
| --- | --- | --- |
| climate.{DEVICEID}\_climate\_zone1 | climate | Climate entity |
| climate.{DEVICEID}\_climate\_zone2 | climate | Climate entity |
| water\_heater.{DEVICEID}\_water\_heater | water\_heater | Water heater entity |

**Extra entities**

| **EntityID** | **Class** | **Description** |
| --- | --- | --- |
| binary\_sensor.{DEVICEID}\_zone1\_water\_temp\_mode | binary\_sensor | Zone1 Water Temperature Mode |
| binary\_sensor.{DEVICEID}\_zone2\_water\_temp\_mode | binary\_sensor | Zone2 Water Temperature Mode |
| binary\_sensor.{DEVICEID}\_zone1\_room\_temp\_mode | binary\_sensor | Zone1 Room Temperature Mode |
| binary\_sensor.{DEVICEID}\_zone2\_room\_temp\_mode | binary\_sensor | Zone2 Room Temperature Mode |
| sensor.{DEVICEID}\_tank\_actual\_temperature | sensor | Tank Actual Temperature |
| sensor.{DEVICEID}\_total\_energy\_consumptionsensor.{DEVICEID}\_outdoor\_temperatureswitch.{DEVICEID}\_disinfect | sensorsensorswitch | Total Energy ConsumptionOutdoor TemperatureDisinfect |
| switch.{DEVICEID}\_dhw\_power | switch | DHW Power |
| switch.{DEVICEID}\_fast\_dhw | switch | Fast DHW |
| switch.{DEVICEID}\_zone1\_curve | switch | Zone1 Curve |
| switch.{DEVICEID}\_zone2\_curve | switch | Zone2 Curve |
| switch.{DEVICEID}\_zone1\_power | switch | Zone1 Power |
| switch.{DEVICEID}\_zone2\_power | switch | Zone2 Power |

**Service**

following extra service will be made

**midea\_ac\_lan.set\_attribute**

Set the attribute of appliance. Service data:

| **Name** | **Description** |
| --- | --- |
| device\_id | The Appliance code (Device ID) of appliance |
| attribute | "disinfect""dhw\_power""fast\_dhw""zone1\_curve""zone2\_curve""zone1\_power""zone2\_power" |
| value | true or false |

Example

service: midea\_ac\_lan.set\_attribute

data:

 device\_id: XXXXXXXXXXXX

 attribute: zone1\_curve

 value: true