

MaxAir Technical – Zone Types/Categories

MaxAir supports zones based on a category, which defines the basic capability of the zone, the available categories are:

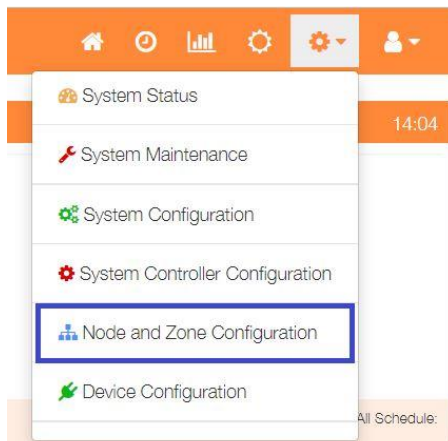
Category	Description
0	Controller, Sensor and System Control
1	Controller, Sensor and System Control (Positive Sensor Gradient)
5	Controller, Sensor and System Control (Negative Sensor Gradient)
6	Controller, Binary Sensor and System Control
3	NO Controller, Sensor and System Control (HVAC)
4	Controller, Sensor and System Control (HVAC Multi Zone)

Note: Category 1 and Category 5 are essentially the same, the only difference being the way in which the Controller is activated. Category 1 zones switch as the sensor reading increase to a target value, while Category 5 zones switch as the sensor reading decreases to a target value. For example, an electrical Immersion Heater would be Category 1, while a De-Humidifier would be Category 5.

‘Zone Types’ can be created with a meaningful name and one of the above categories, for example a ‘Heating’ Zone would control the boiler relay and zone relay/s based on the readings taken from a temperature sensor and hence would use category 0. Above.

A number of Zone Types are pre-defined:

- Heating – category 0.
- Water – category 0.
- Immersion – category 1.
- Switch – category 2.
- HVAC – category 3.
- Humidity - category 1.
- Binary – category 1 or category 5, using a Binary type sensor.
- HVAC-M – category 4.
- Cooling - category 5.












The currently defined Zone Types can be viewed by selecting ‘Node and Zone Configuration’ from the Settings dropdown list, then clicking the ‘Zone Type’ button.



Zone Type

Add Zone Type

Type	Category	
Heating	Controller, Sensor and System Control	
Water	Controller, Sensor and System Control	
Immersion	Controller, Sensor and NO System Control	
Switch	Controller, NO Sensor and NO System Control	
HVAC	NO Controller, Sensor and System Control (HVAC)	
Humidity	Controller, Sensor and NO System Control	
Binary	Controller, Sensor and NO System Control	
HVAC-M	Controller, Sensor and System Control (HVAC Multi Zone)	
Cooling	Controller, Sensor and NO System Control (Negative Temperature Profile)	

Close

Add Type

Zone Types can be deleted by clicking on the 'trash' icon or addition ones added by clicking on the 'Add Type' button.

New Zone Types are added by entering a 'meaningful' name for the new Zone and selecting the appropriate 'Category' from the dropdown list and finally clicking on the 'Save' button.

Add Type

You can Add New Zone Types.

Zone Type Zone type i.e. Heating, Hot Water or Electrical Immersion

Category Select Zone Type Category for Process Control



Close

Save