


MaxAir – Zones Controlled by using a Negative Gradient.

MaxAir provides the capability to control zone conditions using a negative gradient, for example; to control a cooling device to reduce a zone temperature until it reaches a set point value.

This is achieved through the use of a **'Controller, Sensor and NO System Control (Negative Sensor Gradient)'** zone category. By default, a 'Cooling' zone type has been created with such a categorisation and is used in the following example (but the Zone Type name is arbitrary and can be any suitably descriptive name, for example 'Dehumidifier').

 Add Zone

09:40

☒ Enable Zone Enable this Zone if you want this Zone to be controlled

Index Number In the List of Zones where you want to place this Zone on the home screen

Zone Name Zone display name

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

Cooling

▼

Temperature Sensor Node ID for the Sensor


GPIO S2

▼

Zone Controller ID Select Zone Controller Type and Number


Chiller

▼



Submit

Cancel

Outside: 21° C  Clear - clear sky

The 'Cooling' type zone is allocated a sensor to determine the environment's temperature and a relay or relays to control the chilling device/s.

The zone is controlled through the use of a schedule as with other zone types.