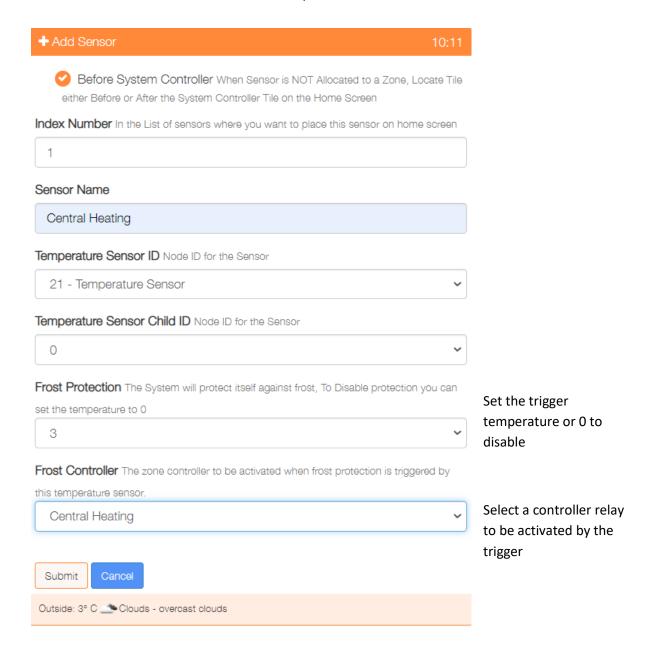# MaxAir – Frost Protection

MaxAir includes functionality to protect the Heating/HVAC system from extreme low temperature environmental conditions.

The system works by setting a low temperature trigger for one or more temperature sensors and then associating a controller relay to be activated if the trigger temperature is reached.
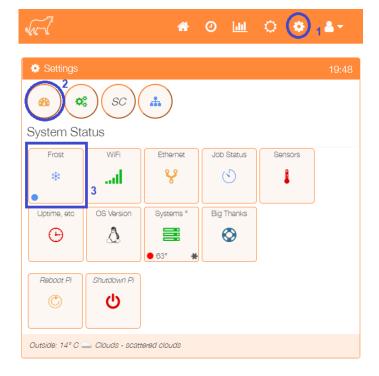
Frost Protection can be activated when a temperature sensor is Added or Edited

✚ Add Sensor   10:11

✓ Before System Controller When Sensor is NOT Allocated to a Zone, Locate Tile either Before or After the System Controller Tile on the Home Screen

Index Number In the List of sensors where you want to place this sensor on home screen

> 1

Sensor Name

> Central Heating

Temperature Sensor ID Node ID for the Sensor

> 21 - Temperature Sensor

Temperature Sensor Child ID Node ID for the Sensor

> 0

Frost Protection The System will protect itself against frost, To Disable protection you can set the temperature to 0

> 3

Set the trigger temperature or 0 to disable

Frost Controller The zone controller to be activated when frost protection is triggered by this temperature sensor.

> Central Heating

Select a controller relay to be activated by the trigger

[Submit] [Cancel]

Outside: 3° C ☁ Clouds - overcast clouds

The Frost Protection configuration can be view by clicking on the 'Frost' menu item in the 'Settings/System Status' menu.

The status indicator in the lower left-hand corner of the 'Frost' tile will show the current state of Frost Protection:

- Blue – No Frost Protection
- Red – One or more zones in Frost Protection mode

This example shows the Hot Water Sensor triggering the Hot Water Zone at 3°

The Ground Floor Sensor triggering the Ground Zone at 5°. The Ground Floor Zone is also triggered by the Garage Sensor at 10°

The Status indicators show that Frost Protection is currently active, triggered by the Garage Sensor.

Frost Protection

Show Temperature Sensors used for Frost Protection, the Trigger Temperature and the associated Zone Controller.

Temperature Sensor	Frost Temperature	Frost Controller	Status
Hot Water	3	Hot Water	🔵
Ground Floor	5	Ground Floor	🔵
Garage	10	Ground Floor	🔴

Close