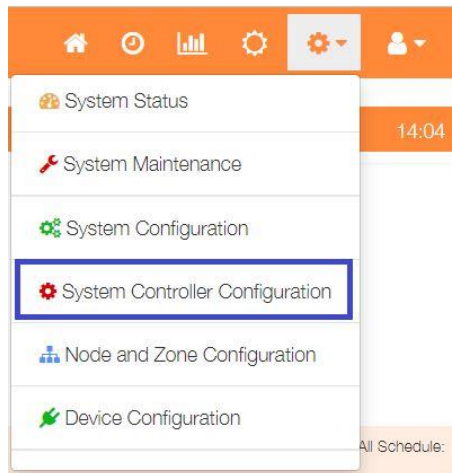


# MaxAir System Controller Setup

## Boiler Mode

A relay is used as a trigger for activating the boiler, this relay needs to be added as a relay device before it can be associated with the 'System Controller'.



Select 'System Controller Configuration' from the Settings dropdown list, then click the 'SC' button.



**System Controller Settings**

System Controller Settings and how System Controller interact with PiHome i.e Wireless Controller or Connected to your Raspberry Pi GPIO Pin.

☒ Enable Boiler

**System Controller Display Name**

Gas Boiler

**HEAT Relay ID** System Controller Heating Switching Relay

Gas Boiler

**Hysteresis Time** Delay Between Stop and Start of the Boiler in minutes, Default is 3 minutes.

3

**Max Operation Time** Continuous Max Running Time of the Boiler in minutes.

60

**Overrun** Time for Boiler to circulate the water to dissipate residual heat.

2

Close Save

Enter a name for this controller

Select the relay from the dropdown list

Enter a hysteresis value in minutes

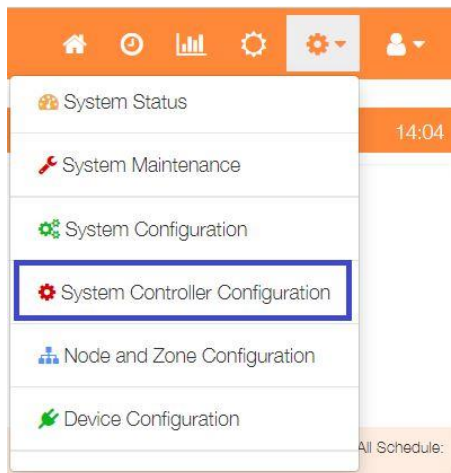
Enter a maximum running time in minutes

Enter overrun time in minutes

Click on 'Save' to update

## HVAC Mode

Three relays are used to activating the heating, cooling and fan functions of the HVAC system, these relays need to be added as a relay device before they can be associated with the 'System Controller'.



Select 'System Controller Configuration' from the Settings dropdown list, then click the 'SC' button.



### System Controller Settings

System Controller Settings and how it interacts with the System, i.e. Wireless Controller or Connected to GPIO Pins.

☒ Enable System Controller

#### System Controller Display Name

HVAC STATE

Enter a name for this controller

#### HEATING Relay ID System Controller Heating Switching Relay

HEAT

Select the HEATING relay from the dropdown list

#### COOLING Relay ID System Controller Cooling Switching Relay

COOL

Select the COOLING relay from the dropdown list

#### FAN Relay ID System Controller Fan Switching Relay

FAN

Select the FAN relay from the dropdown list

#### Hysteresis Time Delay Between Stop and Start of the System in minutes, Default is 3 minutes.

3

Enter a hysteresis value in minutes

#### Max Operation Time Continuous Max Running Time of the System in minutes, Set to 0 to disable.

60

Enter a maximum running time in minutes

Close

Save

Click on 'Save' to update