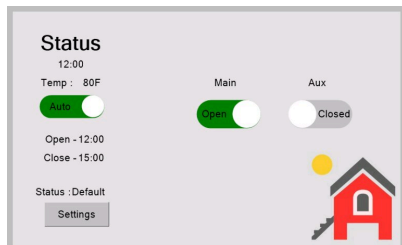


BarnTech Range Door Controller Guide

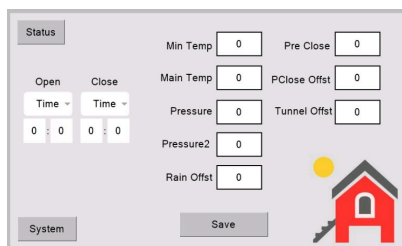
Thank you for purchasing your new range door controller.

Step one - View the main screen



From the main screen you may set the controller to Auto or Manual mode via the Auto toggle. When in manual mode you may manually open and close doors from this screen as well. Your local time, temperature and open and close time will also be displayed on this screen.

Step Two - View and change settings from the settings screen



From the setting screen you may set the open and close times, main and min temps, as well as different offsets. Open and close may either be set by time or time relative to sunrise and sunset.

- Negative for before and positive for after.

Below min temp no doors will open. Above min temp but below main temp auxiliary doors open. Above main temp doors open based on door style setting in the setup screen.

- If door style is large / small then the main doors will open.
- If door style is same size then both main and auxiliary will open.

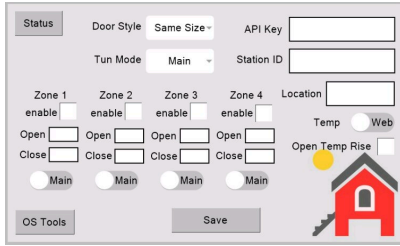
Pressure2 - used for auxiliary doors pressure if setting is set to large small.

Rain offset - lower pressure / pressure 2 by this amount during rain event.

Preclose - minutes before close time to lower pressure by the preclose offset.

Tunnel offset - lower pressure by this amount while in tunnel mode.

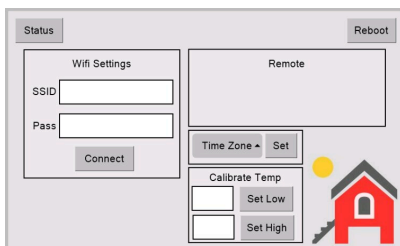
Step Three - View and confirm setting in the System screen



The System screen interface includes a 'Status' button in the top left. The main configuration area contains: 'Door Style' with a 'Same Size' dropdown; 'API Key' and 'Station ID' text input fields; 'Tun Mode' with a 'Main' dropdown; and 'Location' text input. Below these are four zone controls (Zone 1 to Zone 4), each with 'enable' checkboxes and 'Open'/'Close' relay control buttons. A 'Temp' section has 'Web' and 'Open Temp Rise' options. At the bottom are 'OS Tools' and 'Save' buttons, and a red house icon with a key.

From this screen you may disable or enable zones as well as define which onboard relay controls designated operations. You may also set your station id and api key for local weather station connections. Other options like door style and tunnel mode may also be configured from this screen.

Step four - Confirm settings and connection from the OS tools screen



The OS Tools screen features a 'Status' button and a 'Reboot' button in the top right. It is divided into three main sections: 'Wifi Settings' with 'SSID' and 'Pass' text inputs and a 'Connect' button; 'Remote' with a large empty box; and 'Time Zone' with a dropdown and a 'Set' button. Below the Time Zone section is a 'Calibrate Temp' section with 'Set Low' and 'Set High' buttons. A red house icon with a key is located at the bottom right.

From the OS Tools screen you may set your WIFI credentials and time zone. You may also verify that your unit is connected for remote access. If an external temp probe is used the calibration of that probe may also be done from the OS Tools screen.