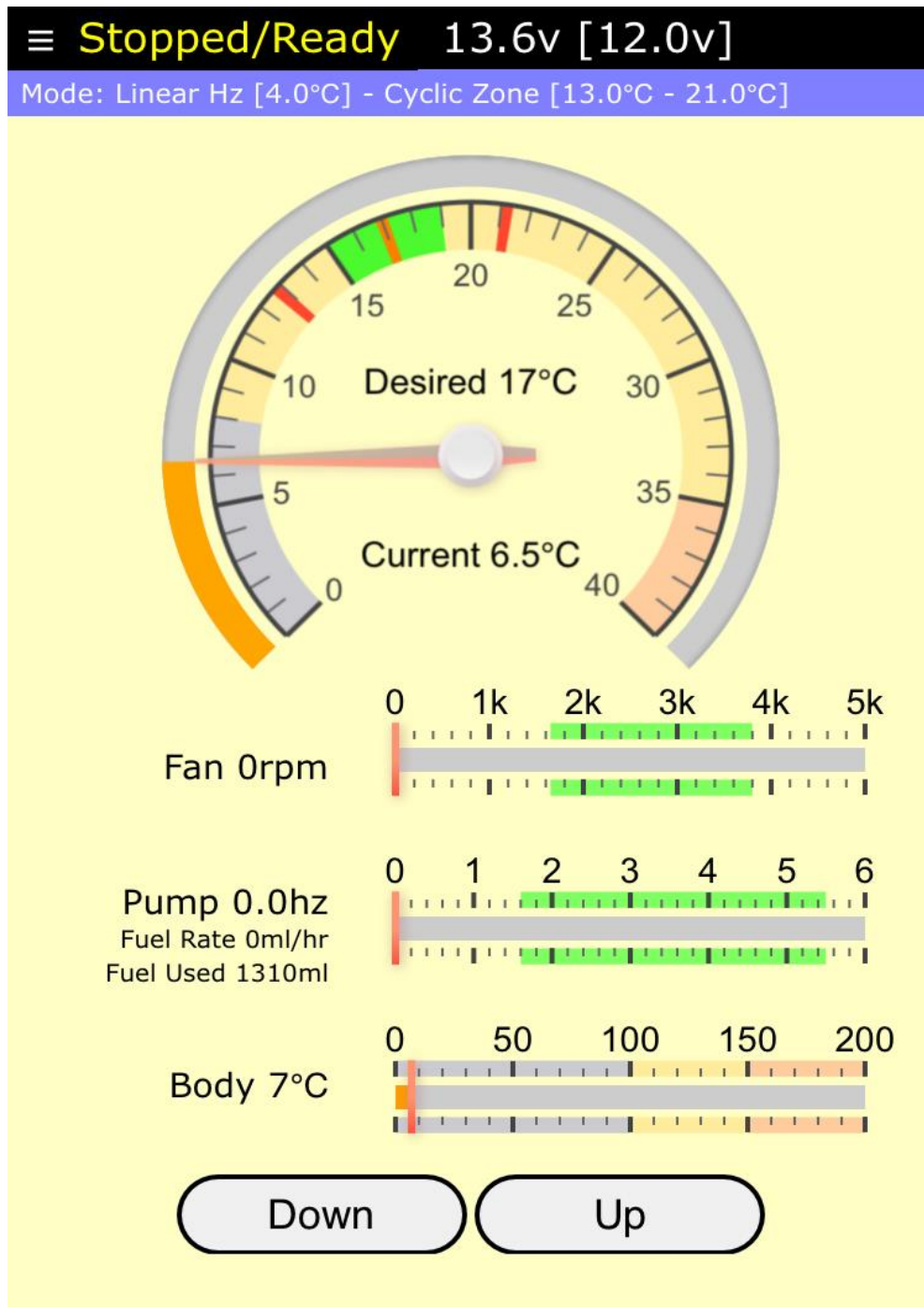


# WEBBURNER

## USER MANUAL



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## Version information

Date	Webburner User Manual	Weburner Web Page	Afterburner Firmware	Manual Notes
20/8/2019	V1.0	V1.00	V3.03	Initial release

# What is Webburner?

Webburner is a web page that allows remote control of The Afterburner Chinese diesel heater controller.

The Afterburner has memory storage & Wi-Fi capability. The memory allows it to hold a web page that a user can access via a device connected to the same network as The Afterburner.

Those devices might be a smart mobile phone, a tablet or a PC. Anything that can open a web browser & browse to The Afterburner's IP address.

## Webburner Connection

The Afterburner can be set up with its own Wi-Fi access point. This is called AP mode. The IP address in this case will always be 192.168.4.1.

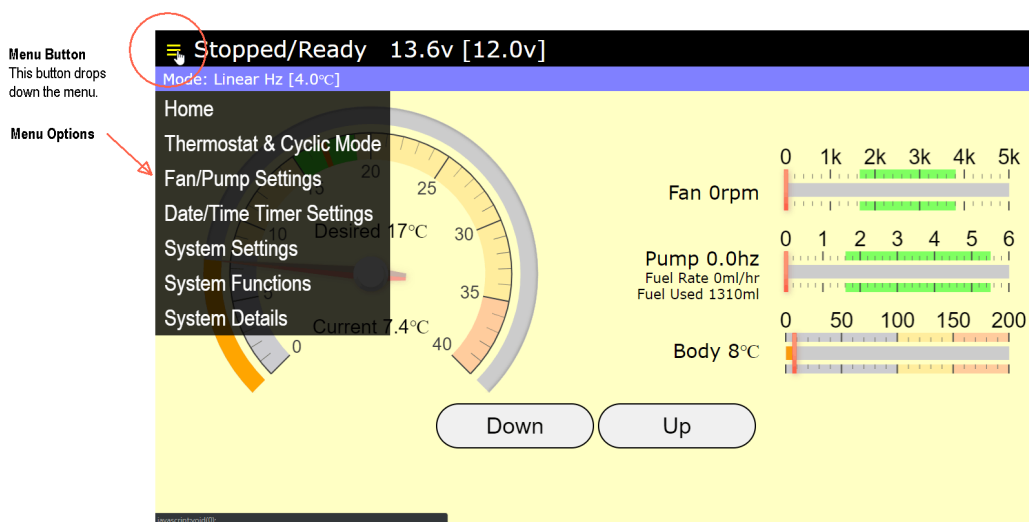
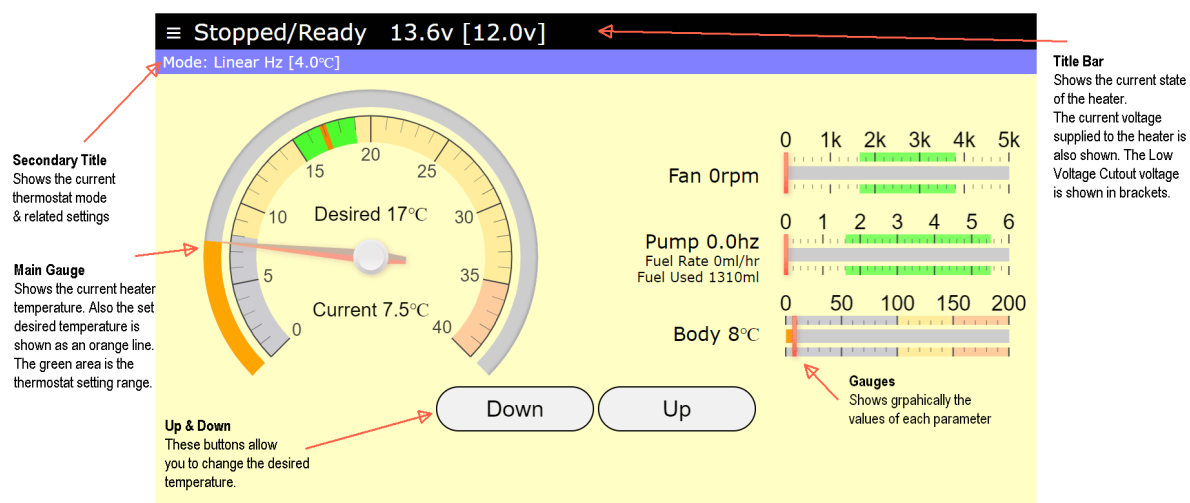
You can also setup The Afterburner to connect to your router. This allows your devices on your network to access The Afterburner via your router.

The IP address in that case is determined by your router. The IP address can be determined by looking at the Wi-Fi screen on The Afterburner. Refer to The Afterburner manual for details on how to set it up in STA mode.

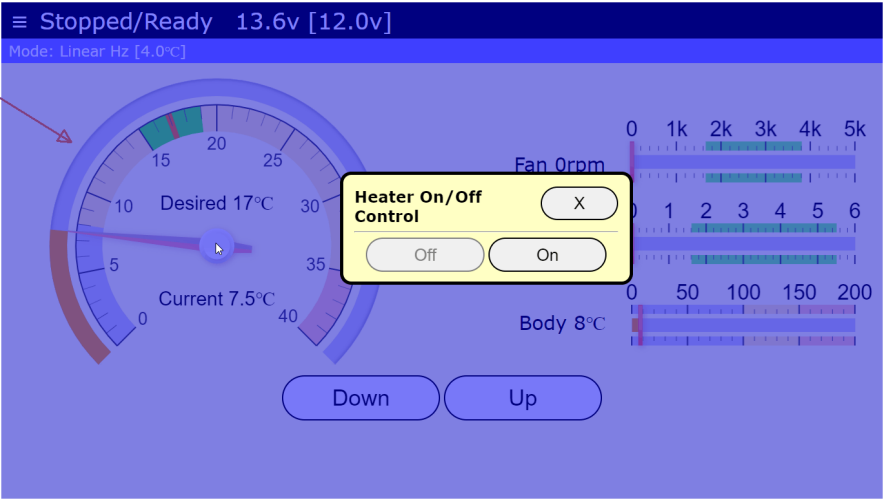
## The Afterburner user manual

You will need to read The Afterburner user manual in conjunction with this manual. This manual only explains the web interface controls. It's doesn't explain what those controls do.

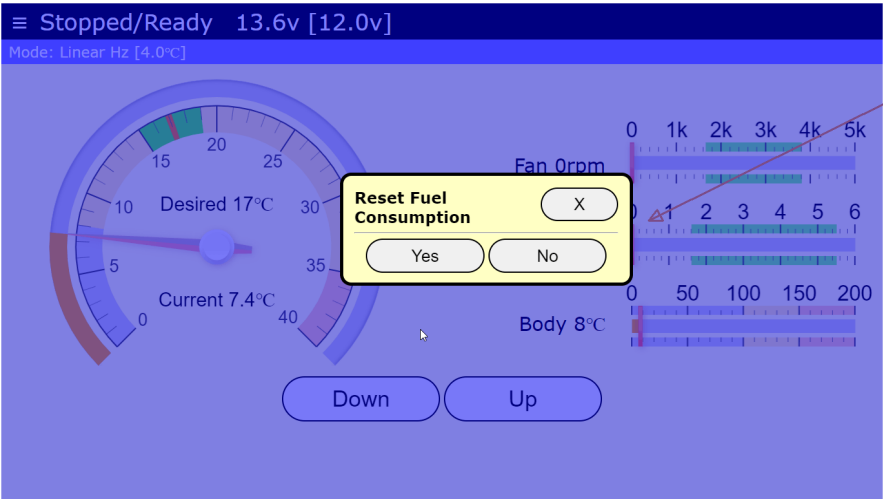
# Webburner user interface



**Heater On/Off**  
Clicking on the main temperature gauge brings up the Heater On/Off popup. This is where you can turn the heater on or off.



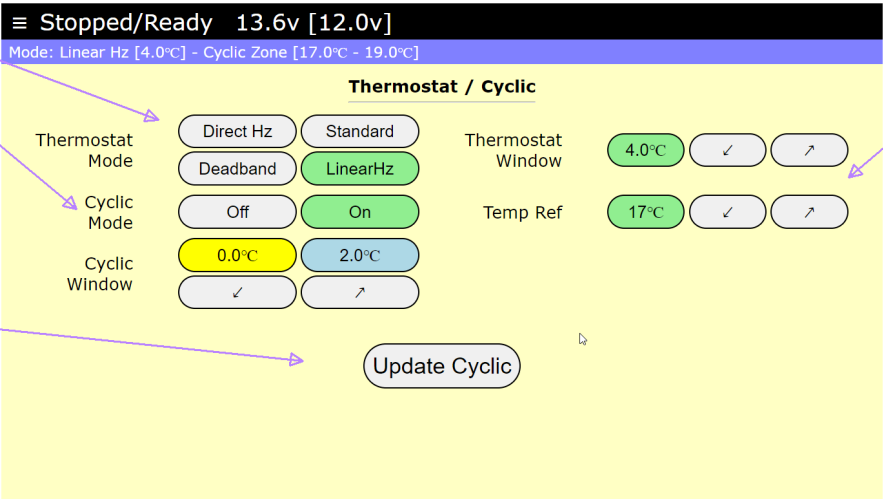
**Reset Fuel Consumption**  
Clicking on the pump gauge will bring up the fuel consumption reset popup.



**Thermostat modes**  
Select the thermostat mode directly.

**Cyclic Mode**  
If the cyclic mode is on, you can adjust the values by selecting the lower or upper values & then using the arrows to set the new values.

**Update Cyclic**  
This button will send the cyclic values to the heater.



**Thermostat Window & Temp Ref**  
These values can be changed via the arrow buttons.

≡

Stopped/Ready 13.6v [12.0v]

Mode: Linear Hz [4.0°C] - Cyclic Zone [17.0°C - 19.0°C]

Fan/Pump Settings

Pump Min1.6✓↗

Pump Max5.5✓↗

Fan Min1650✓↗

Fan Max3800✓↗

Update Heater

**Fan / Pump Settings**  
 This screen shows the current values.  
 If enabled via the advanced functions,  
 you can change the values.

≡

Stopped/Ready 13.6v [12.0v]

Mode: Linear Hz [4.0°C] - Cyclic Zone [17.0°C - 19.0°C]

Fan/Pump Settings

Pump Min1.6✓

Pump Max5.5✓

Pump Max

1.0 - 6.0

0X

123

456

789

0.C

APPLY

1650✓↗

3800✓↗

**Keyboard Entry**  
 Most options can be entered directly.  
 Click on the button showing the value  
 to be changed, the keyboard will popup.

Setting to be changed

Range of values allowed

Current value entered

Cancel Entry button

Clear Entry button

Apply button  
 Applies the value to the setting

≡

Stopped/Ready 13.6v [12.0v]

Mode: Linear Hz [4.0°C] - Cyclic Zone [17.0°C - 19.0°C]

Date, Time, Timer Settings

Local22/08/2019 21:34:18

Afterburner22/08/2019 21:34:19

Update Time

**Date & Time**  
 Update Time button will send the  
 current devices local time to the Afterburner.

≡ Stopped/Ready 13.6v [12.0v]  
Mode: Linear Hz [4.0°C] - Cyclic Zone [17.0°C - 19.0°C]

### System Settings

**Low Voltage Cutout**  
Set the cutout voltage here

Low Voltage Cutout: 12.0 [↙] [↗]

**Temperature Format**  
Select your preferred temperature format.

Temperature Format: °C [°F]

**Advanced Options**  
Enable

**Advanced Options**  
Enables advanced options like pump/fan settings. You will need to enter the password to enable this function.

**PASSWORD**  
Changing the fan & pump settings can result in damage to your heater. The combustion process requires the correct ratio of fuel to air for the heater to operate correctly. You need to record the current settings before you change them. The current settings are not saved if you change them. The password is 1688 backwards.

≡ Stopped/Ready 13.6v [12.0v]  
Mode: Linear Hz [4.0°C] - Cyclic Zone [17.0°C - 19.0°C]

### System Functions

**GP in/out**

GPIn1: Disabled [Closed]

GPIn2: Disabled [Closed]

GPout1: Disabled [Mom.] [Closed]

GPout2: Disabled [Toggle] [Closed]

GPanlg: Disabled 0

**GP Output Options**  
Each Output can be set to Momentary (500ms) or Toggle. When you push the output button, either a momentary signal will be sent, closed - open - closed or the output will toggle between open & closed.

**Prime Heater**  
Allows you to initiate the fuel prime mode of the heater. It's only possible if the heater is off.

Fuel: Off [On]

**External Web Pages**

Firmware/SPIFFs Update [Update]

Reboot Afterburner [Reboot]

**Web Page Links**  
Update - To update firmware or SPIFFs files. Reboot - Will permit rebooting the Afterburner.

≡ Stopped/Ready 13.6v [12.0v]  
Mode: Linear Hz [4.0°C] - Cyclic Zone [17.0°C - 19.0°C]

### System Details

Runtimes		Network Details	
Glow Plug:	15 mins	BT MAC:	98:D3:A1:FD:5A:BE
Heater:	07 hrs, 22 mins	AP IP:	192.168.4.1
System Uptime:	2 days, 06 hrs, 42 mins	AP MAC:	24:0A:C4:31:F7:CD
		STA IP:	192.168.0.42
		STA MAC:	24:0A:C4:31:F7:CC
		STA SSID:	TelstraE82885
		OTA Mode:	Disabled

**Firmware Version**

Version: V3.0.3  
Date: 10 Aug 2019

**System Voltage**

Voltage: 12