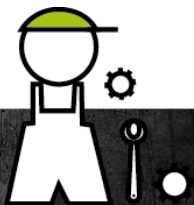The following is required on all boilers utilizing the <u>15 V lambda sensor</u> prior to start-up:

- Calibrate O2 sensor
- Change FLAME DETECTION METHOD from lambda to photo
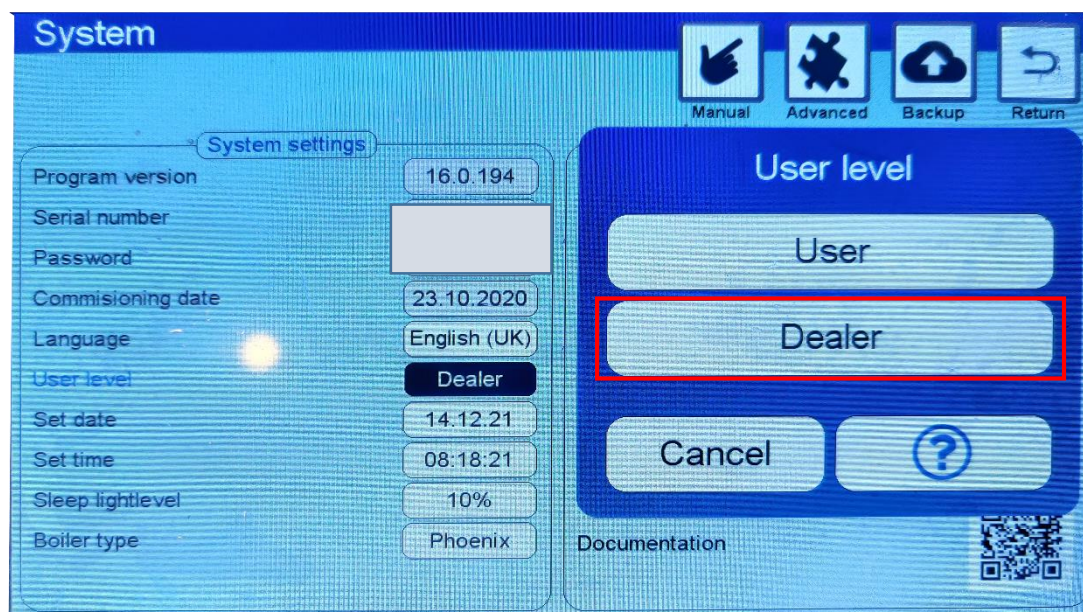- Add spacer to 15 V lambda sensor

Calibrate O2 sensor

The lambda sensor must be powered for at least 6 minutes and have a stable adc value prior to calibrating. This should be done as followed:

1. Disconnect the burner plug and allow the burner to go to the alarm state "Burner disconnected. This will allow power to be provided to the lambda sensor when in an OFF state.


2. Go to USER LEVEL DEALER

3. Go to BOILER/O2 and pay attention to the adc value shown in parentheses ( ) next to parameter O2 CALIBRATION VALUE. You should see this number start to decrease after a minute or two. When this number is no longer decreasing and is stable, select START to calibrate sensor. Make sure to only calibrate when the chimney is free from any smoke. Alternatively, you are also able to remove the sensor from the boiler during calibration.

ADC value

When ADC value is stable Select START to calibrate sensor
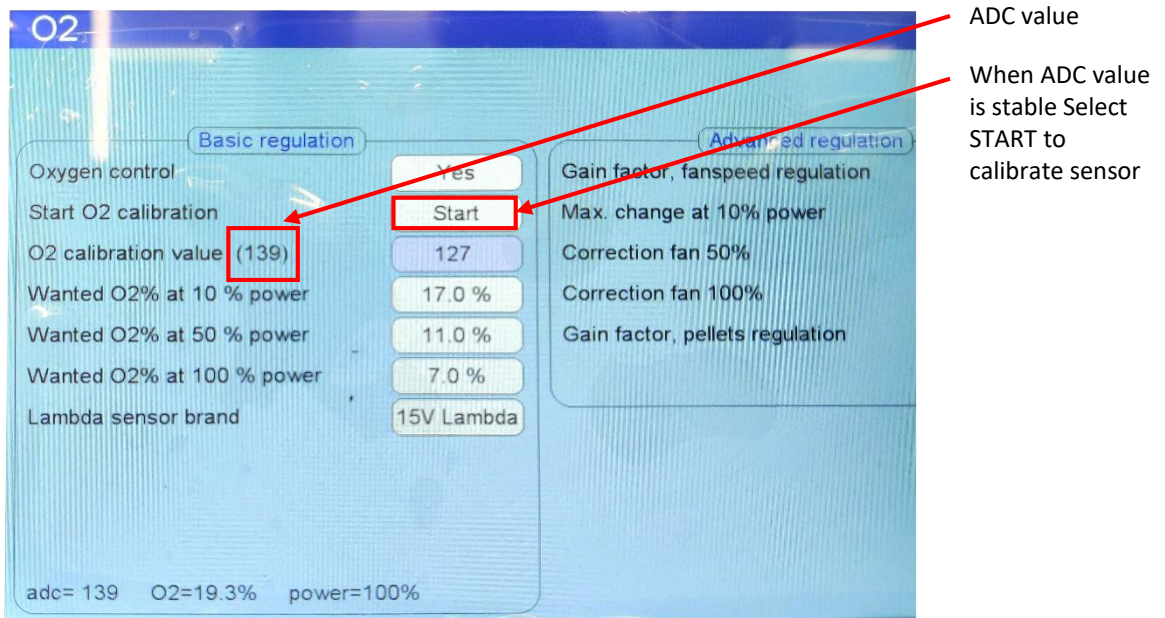
Change FLAME DETECTION METHOD from lambda to photo

1. You will require software version **16.0.193 and up** . Make sure language is set to English.

2. Choose USER LEVEL: DEALER
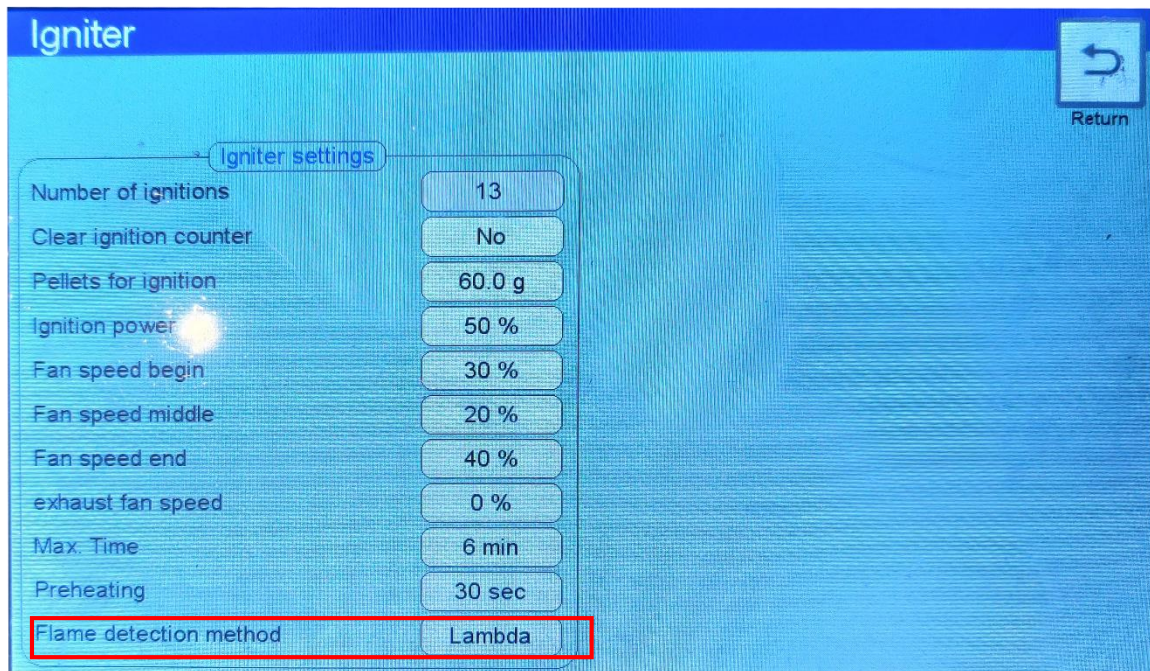
3. Go to BOILER/IGNITER/FLAME DETECTION METHOD menu
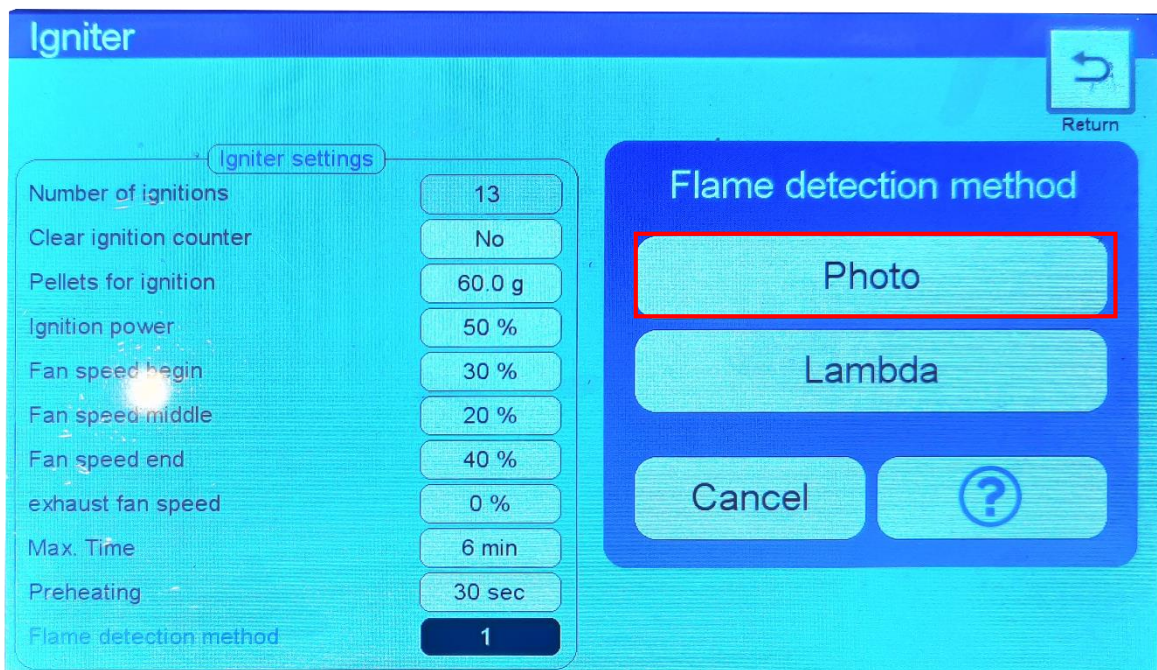
2. Under FLAME DETECTION METHOD, choose PHOTO

Add spacer to 15 lambda sensor

1. Unscrew 15 V lambda sensor from boiler

2. Screw on spacer at the end of the lambda sensor

3. Reinstall 15 V lambda into the boiler