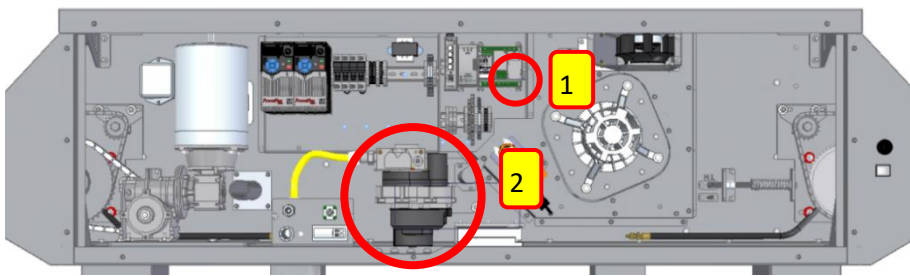


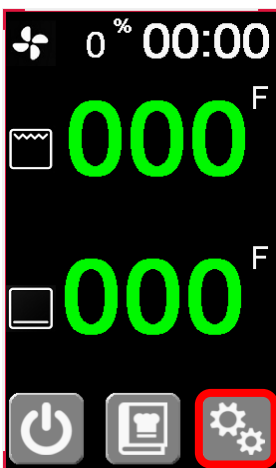
PWM VERIFICATION

Remove the back panels



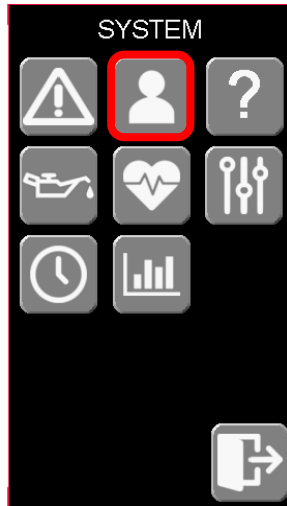
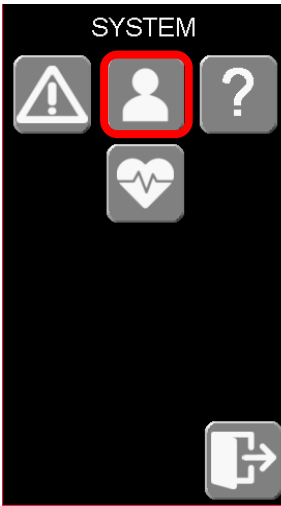
- 1- PLC PWM output
- 2- Blower fan


To access the technician menus:

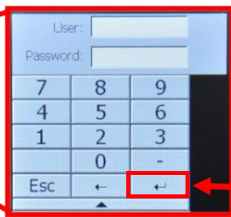


Press the system button on the bottom right corner of the main screen.



Basic**Advanced**

In the system menu, press  to enter the USER menu.



Press the LOGIN button and then login using the following credentials:

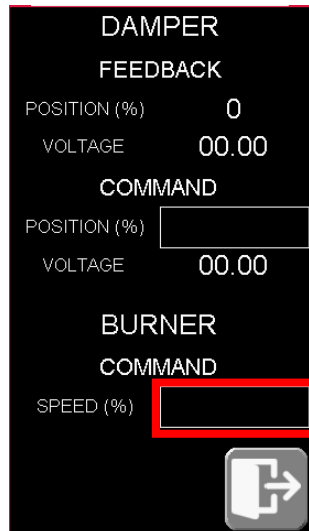
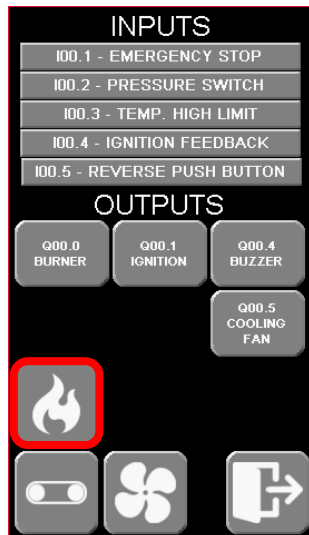
User: 2
Password: 911
Enter

If you get an error message, there was a mistake in the credentials.

Press the exit button .



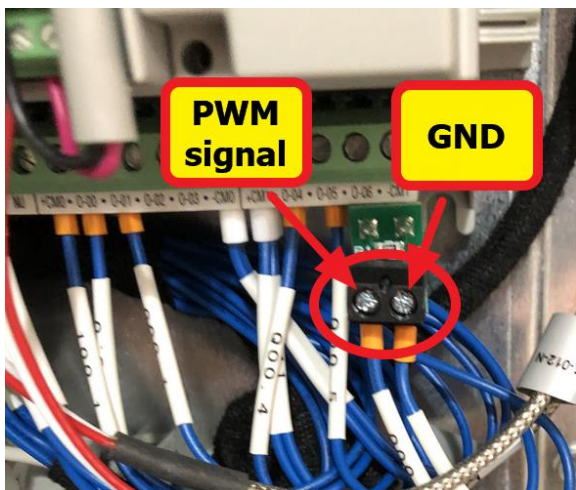
In the system menu, press the INPUTS / OUTPUTS button



Press the burner output button



In this screen you can manually adjust the fan speed (0-100%).

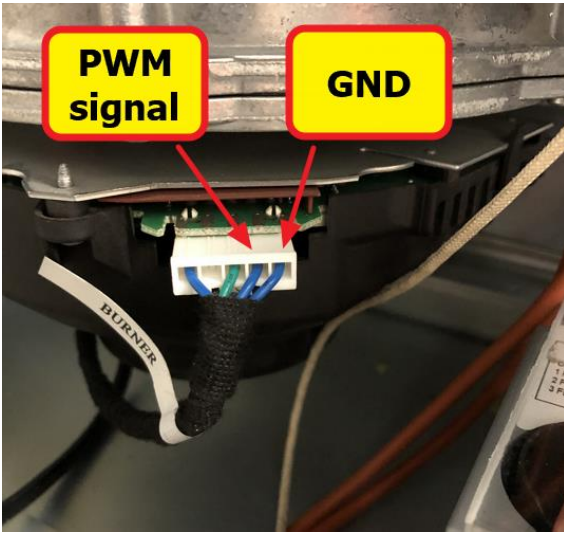


On the PLC, check DC voltage on these 2 screws. See the chart below for different speed.

10%: 12 Vdc

50%: 17 Vdc

100%: 24Vdc



On the burner fan, these are the 2 check points for the PWM signal.

A quick test can be done. Set burner speed to 10%. Unplug the fan connector (5 pin connector). If the control is working as intended the burner fan will run at 100% speed instead.