

Worldwide Heating Systems

Rixens Enterprises, Inc.

Complete Comfort Control

WIFI DIAGNOSTIC for Eberspächer S3 Hydronic Furnaces 12V Diesel/Gasoline

PURPOSE:

The device provides live data for the running furnace, which shall assist during trouble shooting.

It displays fault codes, which can be erased when necessary.

A 'Fuel Pump Prime' function helps during installation and after empty fuel tanks.

Altitude adjustment of the air/fuel mixture is automatic, air pressure is displayed in hPa.

In the event the furnace fails and creates a fault code, the furnace will be automatically restarted

ACCESS:

To activate the Code Reader the 'System' and 'Hot Water' switches must be ON (MCS5), or 'Constant Heat' button must be activated (MCS6)

Any computer, tablet or smartphone should be able to look at the website the Code Reader generates.

Go to the WIFI setup of your device and select the access point named f.i."Rixen000000"

The default password is: 12341234

Once you made that Wifi connection, open a web browser and type the following URL into the address bar : **http://10.10.10.10**

MAIN PAGE:

Live data of the furnace:

Heater Status Will show 'Active' when a start signal has been applied to the heater.

Runtime: Shows the Hours:Minutes a start signal has been applied.

Fan-Glow-Fuel Are 3 values:

- Combustion Fan Speed (rpm)
- Glow Plug energy in Watts
- Fuel pump frequency in Hz

Inlet temp Temperature of the Water/Glycol at the Input hose in degrees C or F

Outlet temp Temperature of the Water/Glycol at the Output hose in degrees C or F

Flame Sensor Temperature value of the Flame sensor in degrees C or F

Voltage Voltage as measured by the furnace in V

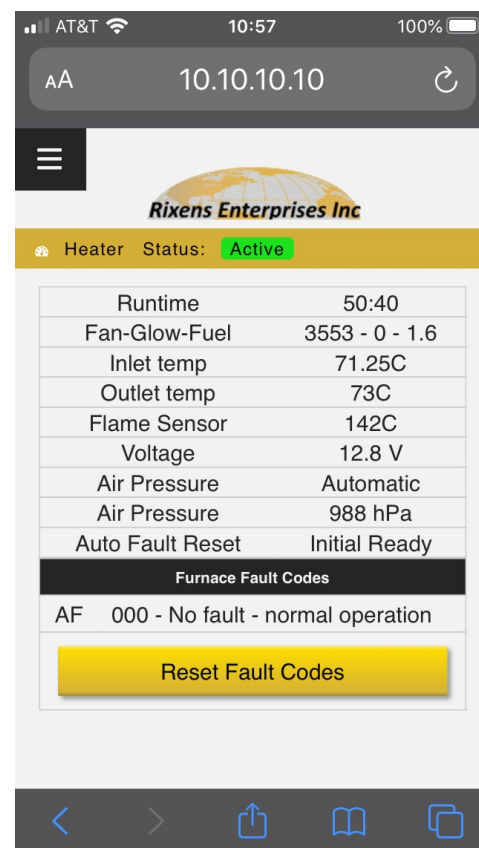
Air pressure display 'Automatic' when altimeter active

Air pressure Air Pressure in hPa

Auto Fault Reset Displays the status of the restart function

Furnace Fault Codes

Will show codes when present, normal operation is '000-No fault'
Reset button will erase all codes from the furnace ECU.



SETTINGS PAGE

Switch between the pages via this symbol

Wi-Fi Security Setup

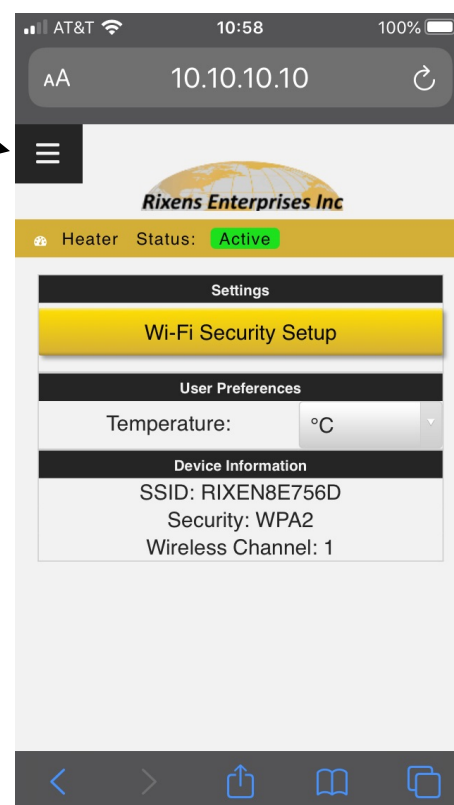
Allows to change the name of the Wifi access point. (i.e. the name you see when selecting the Wifi network on your computer/tablet/phone)

Temperature

Select either Celsius or Fahrenheit

Device Information

Displays the current WIFI settings



ABOUT PAGE

About

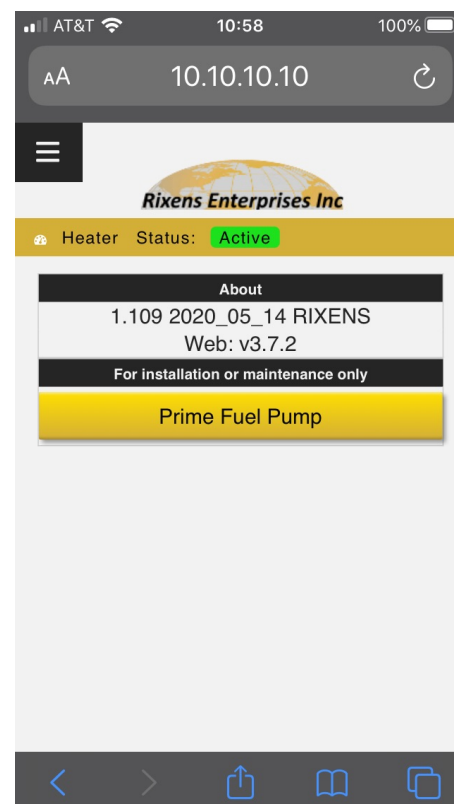
Shows software version numbers

Prime Fuel Pump

This is only useful for initial installation, or when the fuel line to the furnace sucked air (due to maintenance or an empty fuel tank) and the fuel line needs to be primed again.

When tapping this button the fuel pump will activate for 5s.

If in doubt, please do NOT use this function unless directed to do so by a technician.





This manual is provided courtesy of **RV Tech Cheat Sheet**



Professional resources for the whole RV industry — free.

We put manuals, wiring diagrams and hard-won tech knowledge in every technician's hands, so repairs get done right the first time, techs work faster, and RV owners everywhere get better service.



rvtechcheatsheet.com/manuals

Find thousands more RV manuals, wiring diagrams and parts lists

RV techs: share fixes, ask questions and learn from each other.

Join our free Facebook group →



Follow proper safety practices. If in doubt, consult a professional RV technician.