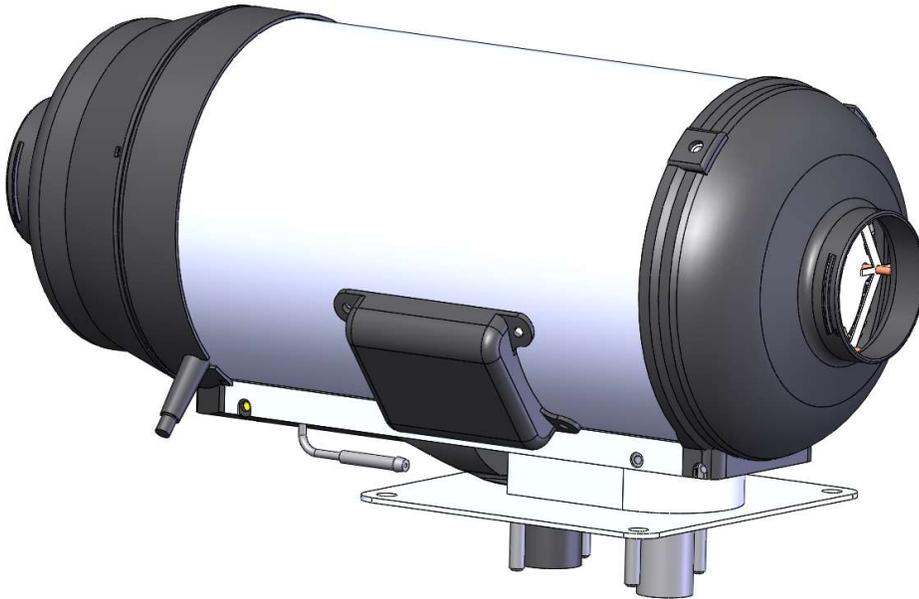


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Entiffic Air



Improper installation of the Entiffic Heating System can cause fire, leakage of harmful carbon monoxide leading to serious injury or death.

To install and maintain a Entiffic Heating System, professional expertise and technical documentation is necessary. Special tools and equipment may also be necessary.

NEVER try to install or maintain a Entiffic Heating System, without prior training and experience with the Entiffic heater series.

Carefully follow all instructions provided by Entiffic and this installation guide.

Entiffic rejects any liability for damage or problems caused by the product, if installed by untrained personnel or against the instructions provided in the installation guide.

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Valid for ENTIFIFIC AIR, Serialnumber DKS10150 or higher

1 Software Service Mode

In service mode the following points is available without extra components:

- Run the pump manually. To prime fuel hoses and filter with fuel.
- Trim the air/fuel ratio for better burner performance

In service mode the following points is available with an additional service unit:

- Monitor sensor states inside unit:
 - Fin temperature
 - Burner temperature
 - Rum temperature
 - Generator voltage and current
 - Battery voltage
 - Trim Value
 - Fan speed
 - The latest 25 error codes
 - The current error code
 - Current state of the heater
- Data Log of the unit

1.1 Enter Service Mode

- To enter "Service Mode" follow below sequence.
 1. Disconnect power plug.
 2. Reconnect power plug. A 5 sec window starts to enter service mode.
 3. Push Fan button 1 once within the 5 sec window. This selects the service mode indicated with Yellow and Green LED ON.



1) Connect power



2) Push "Fan" within 5 sec



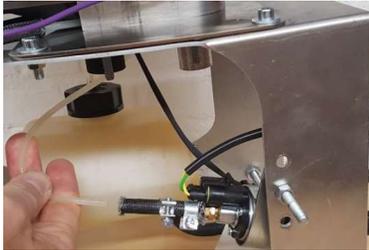
3) Green and Yellow indicates "Service mode"

1.2 Prime system with the pump while in service mode

- To prime the fuel hose follow below sequence. Note Service mode must be active.
 1. Disconnect fuel hose at pump outlet
 2. Connect new fuel hose at pump outlet
 3. Push "Heat" to stat pump. The pump state is not indicated by LED states.

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4. Push "Heat" to stop pump. The pump state is not indicated by LED states.



1) Disconnect fuel hose



2) Connect new fuel hose



3 & 4) Press "Heat" to toggle pump mode

1.3 Trim fuel/air ratio while in service mode

- **To Trim fuel/air ratio follow below sequence. Note "Service" mode must be active.**
 - 1. Adjust the knob to desired trim value. Normally a value between 0 and 6 is selected. The higher value the more air is added to the burner system.**
 - 2. Push the "Fan" button for 2 seconds to select the value. Yellow light will blink once to confirm selection**



1) Select trim value: Trim 0 Trim 3 Trim 6 Trim 10



2) Push "Fan" 2 seconds to select trim value. Yellow light will blink once to confirm selection

NB: take care not to trim heater accidently during fuel priming. If accidental retrim occurs, use a CO-measuring instrument to trim heater to the following values.

Oxygen O₂ : 5,8 – 6,3
CO: 40 – 200 ppm

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1.4 Exit Service Mode

- *To exit "service mode" disconnect power.*



1) Disconnect power