

NEFIT PROLINE HRC 24

Quick guide

Explanation operation




Safety When smelling gas



- No open fire, do not smoke, do not use a lighter.
- Avoid sparks. Do not use an electrical circuit breaker, also no telephone, plug or bell.
- Close the main gas supply.
- Open windows and doors.
- Warn those present.
- Call from outside/external of the building the installer.



Reset button: restart

At a flashing display the boiler must be restarted. You carry out a restart by pressuring the reset button .







Info button

Press this button to open the Info menu. Use the buttons  and  to scroll through the menu. The menu will disappear automatically after you have not used it for some time.

Menu button

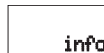
Press this button to open the Set-up menu.

Change settings as follows:

1. Search with the buttons  and  the setting you want to change.
2. Press the button  until the value in the display flashes.
3. Press the button  or  to change the value.
4. Press the button  to confirm the adjusted value.



Request information



Info menu



Set maximum CH (central heating) water temperature



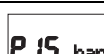
Set DHW (domestic hot water) temperature boiler water



Service code (only with malfunction)



Operating or malfunction code



Measured boiler water pressure



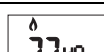
Measured CH water temperature



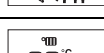
Measured outflow quantity DHW



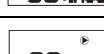
Calculated boiler water temperature



Measured ionisation current



Current burner output



Current pump speed

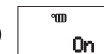


Change settings

In the following images the factory settings are shown.



Set-up menu



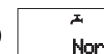
CH operation Setting: On / Off



Maximum CH water temperature Setting range: 30 - 85 [°C]



Maximum boiler capacity Consult your installer. Setting: 23 - 100 %



DHW operation Setting: Comf. = comfortable Norm. = normal Eco = economical / Off = off



DHW temperature Setting range: 30 - 60 [°C] Note: When using a solar cylinder, set the DHW temperature at 60 °C.



Minimum pump speed Consult your installer. Setting: 50 %: minimum 51 - 99 %: average 100 %: maximum








Maximum pump speed Consult your installer. Setting: 50 %: minimum 51 - 99 %: average speed 100 %: maximum speed





Pump overrun time Setting: 1 - 60 min/24 hours Note: In case of freezing weather, set pump overrun time at 24 hours.

Problem solving

Problem	Solving
Boiler installation does not operate	<ol style="list-style-type: none"> 1. Check for error codes and try to resolve these. 2. Make sure the boiler function on the room temperature controller is activated (→ user's manual of the room temperature controller). 3. Check the CH operation  setting in the set-up menu. If "Off": set the CH operation on "On".
No hot water	<ol style="list-style-type: none"> 1. Check for error codes and try to resolve these. 2. Make sure the DHW function on the room temperature controller is activated (→ user's manual of the room temperature controller). 3. Check in the set-up menu the setting of the DHW operation . If "Off": set the DHW operation on "On".
Danger of freezing	Set in the set-up menu the pump overrun time  to 24 h. Set the room temperature controller not lower than 16 °C.
Child lock	Lock or unlock the operating panel by pressing simultaneously buttons  and  for five seconds.
Other questions and problems	Consult the user's instructions or contact your installer

Malfunctions

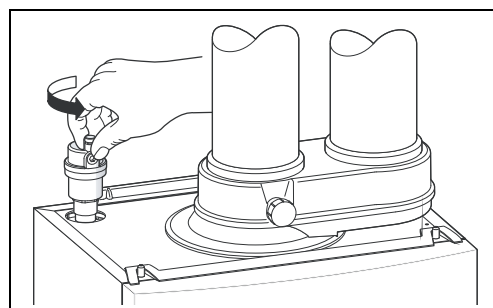
Pressure on button  to open the Info menu and see if there is a malfunction code (flashing code) shown. The following table has instructions for malfunction codes, which you can resolve yourself.

Malfunction code	Instruction
No display	<p>The boiler receives no voltage.</p> <ul style="list-style-type: none"> ● Check whether the plug is correctly connected to the wall socket. Check the fuses in the distribution box
H07	<p>The boiler water pressure is too low.</p> <ul style="list-style-type: none"> ● Check the water pressure and, if necessary, fill up.
0A, 0Y, 0E	<p>The boiler cannot lose its heat.</p> <ul style="list-style-type: none"> ● Check if sufficient radiators are open. Bleed the radiators/heating system.
2E	<p>The boiler water pressure is too low.</p> <ul style="list-style-type: none"> ● Check the water pressure and, if necessary, fill up. Restart the boiler.
2F, 2P, 2U, 4A, 4C	<p>A CH water temperature is measured.</p> <ul style="list-style-type: none"> ● Check if sufficient radiators are open. Bleed the radiators/heating system. Restart the boiler.
6A, 6C	<p>Burner does not ignite.</p> <ul style="list-style-type: none"> ● Check if the gas tap is open. Restart the boiler.
rE	<p>The boiler restarts. After pressing the reset button  this code will be shown for a period of 5 sec.</p>
Other malfunctions	<p>The boiler is malfunctioning.</p> <ul style="list-style-type: none"> ● Restart the boiler. Contact your installer, if the malfunction returns.

Fill and bleed

P08 bar

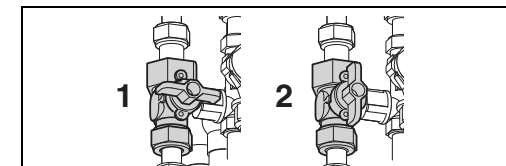
Open the Info menu and check the water pressure of the boiler.



- Check if the automatic air vent valve is loosened a few turns.
- Remove the cap from the DFV.
- Connect the filling hose to a water tap and fill it with water.
- Connect the other connection of the filling hose to the DFV.
- Turn the DFV on.
- Fill the heating system to a pressure of about 2 bar. (Above a pressure of 1,4 bar the boiler can turn on).
- Turn off the tap.
- Bleed the radiators / heating system.
- Check the water pressure of the boiler after the bleeding. If necessary, fill up again.
- Turn off the tap and the DFV.
- Remove the filling hose. Keep in mind that, because of this, a little bit of water can be released.

Put into/take out of operation

- Take the boiler out of operation by removing the plug from the wall socket.



- Turn off the main gas supply or the boiler gas supply [2].
- Put into operation takes places in reverse order.

Tips

1. Turn the DHW operation off in the set-up menu, during extended absence (e.g. vacation).
2. Have a modulating Nefit thermostat installed by your installer. temperature controller
3. To keep the efficiency of the boiler at level, and to avoid possible technical problems, the boiler must minimally once every 2 years be inspected and maintained. For this purpose, it is recommended to conclude a contract with your installer.
4. To ventilate, do not leave the windows ajar. Thereby, warmth is constantly withdrawn from the room, without significantly improving the air in the room. It is better to have a window one hour per day entirely open. During ventilation, turn off the radiator valves.