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Safety instructions

▶ Read the following instructions very carefully to ensure correct operation.
▶ Follow safety instructions.

**WARNING:** Electrical discharge!
For safety reasons, disconnect the power supply to the water heater before performing installation.
1 Explanation of symbols and safety instructions

1.1 Guideline to symbols

Warnings

![Warning symbol]

Warnings in this document are identified by a warning triangle printed against a grey background. Keywords at the start of a warning indicate the type and seriousness of the ensuing risk if measures to prevent the risk are not taken.

The following keywords are defined and can be used in this document:

- **DANGER** indicates a hazardous situation which, if not avoided, will result in death or serious injury.
- **WARNING** indicates a hazardous situation which, if not avoided, could result in death or serious injury.
- **CAUTION** indicates a hazardous situation which, if not avoided, could result in minor to moderate injury.
- **NOTICE** is used to address practices not related to personal injury.

Important information

![Information symbol]

This symbol indicates important information where there is no risk to people or property.

Additional symbols

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>▶</td>
<td>Sequence of steps</td>
</tr>
<tr>
<td>→</td>
<td>Cross-reference to other points in this document or to other documents</td>
</tr>
<tr>
<td>•</td>
<td>Listing/list entry</td>
</tr>
<tr>
<td>–</td>
<td>Listing/list entry (2nd level)</td>
</tr>
</tbody>
</table>

Table 1 Additional symbols
1.2 Safety instructions

These installation instructions are intended for competent persons who are skilled in dealing with water installations, heating and electrical systems.

▶ Read the installation instructions before starting the installation.
▶ Observe safety instructions and warnings.
▶ Observe national and regional regulations, technical rules and guidelines.
▶ Document all work performed.

Electric work

▶ Before performing electrical work, disconnect the power and secure the unit against unintentional reconnection.
▶ Ensure the system has been disconnected from the power supply.
2 Product details

2.1 Declaration of conformity
This module complies with the requirements of the Radio Equipment Directive (2014/53/EU) and is authorized under FCC rules, 47 CFR Part2.

![CE and FCC Logos]

2.2 Scope of delivery

![Fig. 1 Scope of delivery]

[1] Bosch Water Wi-Fi
[2] Documentation
[3] Data login sticker
3 Bosch Water Wi-Fi data

3.1 Features
Gateway for remote communication with water heaters using Wi-Fi.

<table>
<thead>
<tr>
<th>Operation modes</th>
<th>802.11b/g Hotspot (HT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Security</td>
<td>WPA/WPA2 (personal)</td>
</tr>
<tr>
<td>TCP/IP Stack</td>
<td>IPv4</td>
</tr>
<tr>
<td>ID Addressing</td>
<td>Static IP, DHCP</td>
</tr>
<tr>
<td>Frequency Band</td>
<td>2.4 GHz</td>
</tr>
</tbody>
</table>

*Table 2*

3.2 Operating Conditions
Wi-Fi gateway for communication with water heaters.

<table>
<thead>
<tr>
<th>Power Consumption</th>
<th>Voltage: 3.3V +/- 0.1V</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Current: &lt;350mA</td>
</tr>
<tr>
<td></td>
<td>[8738714760 / 7736504944]</td>
</tr>
<tr>
<td>Temperature Range</td>
<td>-20 °C up to +60 °C</td>
</tr>
<tr>
<td>Frequency</td>
<td>2.4 GHz</td>
</tr>
<tr>
<td>Type of protection</td>
<td>IPx0</td>
</tr>
</tbody>
</table>

*Table 3*
3.3 Available APPs

The following APPs are available for Android and IOS for communication with the water heater.

Fig. 2  Bosch Water APP

▶ Search for "Bosch Water" on the android or IOS stores to download app.
4 Bosch Water Wi-Fi installation

1. 

Fig. 3 Disconnect appliance

2. 

Fig. 4 Remove front cover
3. **Fig. 5  Wi-Fi module installation**

4. **Fig. 6  Install the front cover**
5. Connect appliance

6. Adhere data login sticker to side of appliance
How to register Wi-Fi user ID

- Download the “Bosch Water” app on your smartphone.
- Insert your data in the Bosch Water app, follow all the steps.

Fig. 9  Register Wi-Fi User ID
5 Bosch Water Wi-Fi activation

After installing Bosch Water Wi-Fi module,
▶ Connect the appliance to electrical power, see fig. 7, and turn it ON.

Before accessing the A7 menu,
▶ Confirm that a Wi-Fi module is installed in the appliance.

How to access to A7 Wireless Connectivity menu,
▶ Touch the symbol .
  Display shows P4 Information.
▶ Touch the symbols  or  to select SA Settings menu.
▶ Touch the symbol .
▶ Touch the symbols  or  to select A7 Wireless Connectivity menu.
▶ Touch the symbol .
  Display shows following menu.
  – Wi-Fi

Wi-Fi menu
Connect the appliance to a network,
▶ Access to information / adjustments menu.
  Display shows SA Settings
▶ Use the symbols  or  to select A7 Wireless Connectivity
▶ Touch the symbol .
  Display shows following menus,
  – SC Scan/ ST Status
  – HT Hotspot
  – RE Reset
  – TA Remote Technician Access
  – MC MAC Address
  – IP IP Address
**SC Scan**
- Use the symbols ▲ or ▼ to select SC Scan.
- Touch the symbol OK.
  
  Display shows list of available networks.
- Use the symbols ▲ or ▼ to select the Wi-Fi network of your choice.
- Touch the symbol OK.

**Insert network password**
- Use the symbols ▲ or ▼ to select the letters and symbols from the list.
- Touch the symbol OK, to confirm each letter or symbol.
- Use the symbols ▲ or ▼ to select END, and then touch the symbol OK, to enter password.
  
  A green mark should be displayed indicating that the appliance is connected to a network.
- Download the app.
- Follow the instructions in the app.

---

**6 Other options**

**HT Hotspot**

Use this option in case you want to connect your smartphone directly to the appliance. This option is generally chosen in case there is no domestic Wi-Fi connection available.

- Choose HT Hotspot.
- Touch the symbol OK.
  
  Define password with more than 8 characters.
- Choose the letters and symbols from the list.
- Touch the symbol OK, to confirm each letter or symbol.
- Select END from the list, to finalize password.
- Download the app.
- From your smartphone in the Wi-Fi menu select the hotspot from your water heater.
Place the password you have defined.

Open the app and follow the instructions there.

To exit HT mode and connect the appliance to a router,

Follow the procedure in SC Scan.

The SSID of the network is named “waterheater-xxxxxx”, where “xxxxxx” is the last 6 digits of the “MAC” address.

RE Reset

Choose this option to reset all Wi-Fi connection parameters.

Choose RE Reset.

Touch the symbol ok.

Display shows,

- RW Reset Wi-Fi
- RU Reset User Passwords

Use the symbols ▲ or ▼ to select one option from the list.

Touch the symbol ok.

Display shows,

- Yes
- No

If choose Yes,

Touch the symbol ok.

Password is deleted from the appliance.

TA Remote Technician Access

This option can be used to allow / deny access from your contractor to your appliance.
Choose **TA Remote Technician Access**.
Display shows,
- **Yes**
- **No**

Use the symbols ⩾ or ⩽ to select one option from the list.
If choose **Yes**, Touch the symbol ok.
The technician is able to access the appliance remotely.
If choose **No**, Touch the symbol ok.
The technician cannot access the appliance remotely.

**After connecting the appliance to a network the only available menus in A7 Wi-Fi will the following;**
- Access to information / adjustments menu.
  Display shows **SA Settings**
- Use the symbols ⩾ or ⩽ to select **A7 Wireless Connectivity**
- Touch the symbol ok.
  Display shows **Wi-Fi**, Touch the symbol ok.
  Display shows following menus,
  - **DI Disconnect**
  - **RE Reset**
  - **TA Remote Technician Access**

**DI Disconnect**
- Choose DI Disconnect.
- Choose the symbol ok.
  Display shows, **Are you sure?**
  - **Yes**
  - **No**
- Choose **Yes**.
  Appliance is disconnected from the network.

**RE Reset**
- Choose **RE Reset**.
Touch the symbol \textcolor{red}{\textbf{ok}}. Display shows,
- \textbf{RW Reset Wi-Fi}
- \textbf{RU Reset User Passwords}

Use the symbols \textcolor{red}{\textbf{\uparrow}} or \textcolor{red}{\textbf{\downarrow}} to select one option from the list.

Touch the symbol \textcolor{red}{\textbf{ok}}. Display shows,
- \textbf{Yes}
- \textbf{No}

If choose \textbf{Yes},

Touch the symbol \textcolor{red}{\textbf{ok}}.
Password is deleted from the appliance.

\textbf{TA Remote Technician Access}

Choose \textbf{TA Remote Technician Access}.
Display shows,
- \textbf{Yes}
- \textbf{No}

Use the symbols \textcolor{red}{\textbf{\uparrow}} or \textcolor{red}{\textbf{\downarrow}} to select one option from the list.

If choose \textbf{Yes},

Touch the symbol \textcolor{red}{\textbf{ok}}.
The technician is able to access the appliance remotely.
If choose \textbf{No},

Touch the symbol \textcolor{red}{\textbf{ok}}.
The technician cannot access the appliance remotely.
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