

How to connect Worcester Bosch Hybrid 3000-7000iAW heat pump with Reduxi controller

Add your Worcester Bosch Hybrid heat pump to the Reduxi Controller.

🔧 Worcester Bosch Hybrid heat pump · Reduxi Controller

📖 Modbus unit ID: normally 1



Worcester Bosch Hybrid 7000i AW

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IN THIS ARTICLE

1. Technical documentation
2. Required equipment
3. Log in to the Reduxi web interface
 - Via the Reduxi app
 - Via a web browser
4. Add the heat pump to Reduxi
 - Basic settings
 - Communication settings
 - Advanced settings
 - Test communication
5. Check the readings
6. Summary
7. Common issues
8. Related articles

1 Technical documentation

Find the instructions to connect and configure the heat pump on the manufacturer web page.

- [Worcester Bosch: Hybrid 7000i AW product page](#) – Product page with specifications and documents.
- [Worcester Bosch: Compress Hybrid 7000i AW installation instructions](#) – Installation instructions of the manufacturer (PDF download page).

2 Required equipment

- ☐ Reduxi Controller
- ☐ Worcester Bosch Hybrid heat pump
- ☐ Laptop or tablet with internet access to configure the device in Reduxi

3 Log in to the Reduxi web interface

You can open the Reduxi web interface in two ways:



REMOTE

Reduxi app

Via tunnel connection · works from anywhere



Web browser

In the local network · via IP address or reduxi.local

3.1 Via the Reduxi app

1 Open the app and log in

Launch the Reduxi app on your smartphone or tablet and log in with your credentials.

2 Open Reduxi devices

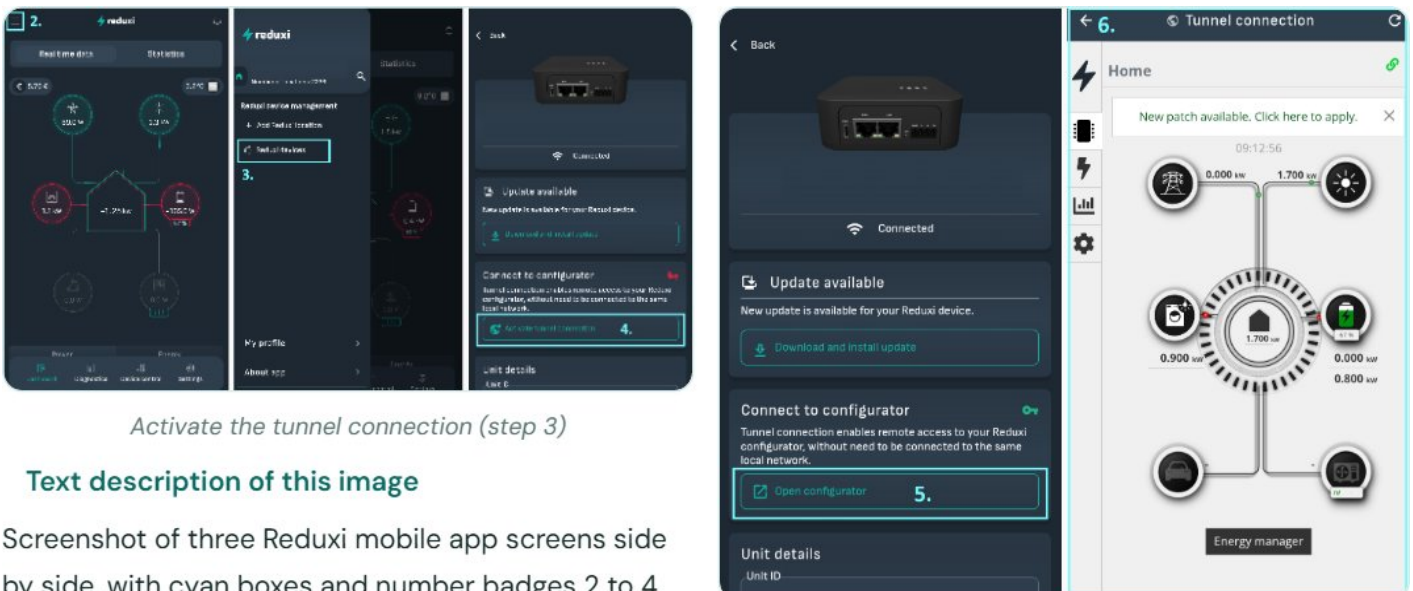
Tap the menu icon (three lines, top left) and select **Reduxi devices**.

3 Activate the tunnel connection

Switch on the tunnel connection and wait a moment until it is active.

4 Open the configurator

Tap **Open configurator**. The Reduxi web interface opens.



Activate the tunnel connection (step 3)

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Screenshot of three Reduxi mobile app screens side by side, with cyan boxes and number badges 2 to 4. Left screen (dashboard, dark theme): menu icon at top left marked with a box and badge 2; 'reduxi' logo; tabs 'Real time data' (active) and 'Statistics'; price 5.79

Open configurator (step 4)

2. Text description of this image

1

`http://reduxi.local`

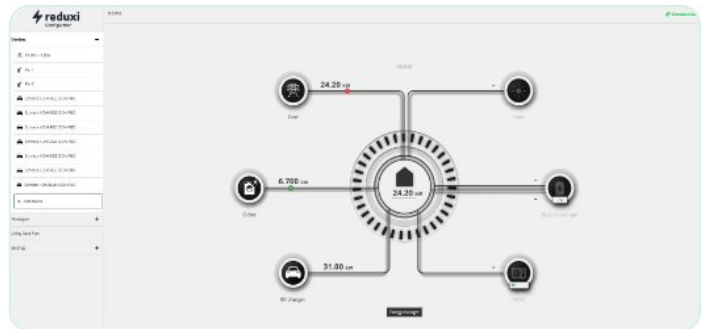
2

Username: **admin** · Password: **admin** (factory default)



Reduxi Controller login screen

Text description of this image



Controller web interface after login

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Screenshot of the Reduxi Configurator web interface

4

Use these steps to add a new heat pump or to edit an existing one.

4.1 Basic settings

Log in locally to the [Redux Configurator](#) on the controller (see [Point 3](#)) and click **+ Add device**. Then enter the basic settings.

4.2 Communication settings

Select the communication channel. Then enter the device configuration.

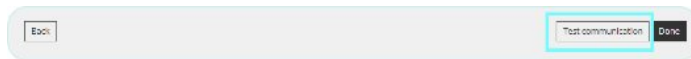
PARAMETER	VALUE
Modbus unit ID	Normally 1 is used.

4.3 Advanced settings

Enter and choose the advanced settings.

4.4 Test communication

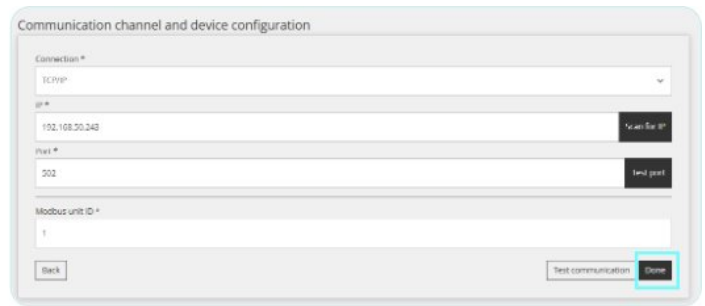
Click **Test communication** at the bottom of the wizard. It reads the the heat pump once and saves nothing. If the test succeeds, click **Done**: only **Done** creates the device.



The *Test communication* button

Text description of this image

Screenshot of the bottom button bar of a Reduxi Configurator page. Left: button 'Back'. Right: button 'Test communication' (marked with a cyan box) and dark button 'Done'.



The *Done* button

2. Text description of this image

5 Check the readings

5.1 Last measurements

After communication is established, check the values of the heat pump under **Devices** in the Reduxi Configurator as an additional test.

5.2 Enable control by Reduxi

To control the heat pump with Reduxi, set the **control type** of the device to **AUTO**. Only then do strategy commands affect the heat pump. To define a strategy, see [Strategies for Reduxi controller](#).

✓ Summary

Preparation (Points 1–2): Open the manufacturer documents and gather the Reduxi Controller and a laptop.

Heat pump (Point 1): Follow the manufacturer instructions to connect and configure the heat pump.

Add to Reduxi (Points 3–4): Log in to the Reduxi Configurator, add the device and run Test communication.

Go live (Point 5): Check the readings and set the control type to AUTO.

→ Common issues

ISSUE	SOLUTION
Test communication fails	Check the Modbus unit ID (normally 1) and the communication channel (Point 4.2).
Open configurator does not open or stays empty	The tunnel is not active yet. Wait about 30 seconds and check that the controller is online.
Login with <code>admin</code> is rejected	The password was changed during installation. Ask the installer. The Reduxi account password does not work here.
<code>reduxi.local</code> does not load	Your device is not in the same network as the controller. Use the IP address or the tunnel connection.
Communication test fails, device shows offline	Check reachability, IP address / port / unit ID, and that the protocol is enabled on the device.

→ Related articles

Matching guides from the Reduxi knowledge base:



Worcester Bosch Hybrid 7000i AW

Product page of the manufacturer with documents.



Device setup guides

All step-by-step guides for connecting devices to the Reduxi Controller



Strategies for the Reduxi Controller

Energy manager and other strategies explained