Quick guide

Smart Thermostat RDS120 **en**

Welcome! This Quick guide walks you through:
- o Steps to connect the thermostat to the Internet.
- o Steps to configure the thermostat to work with your heating or AC (air conditioning) system.
- o Steps to register the thermostat and set it up to work with your mobile devices.
- o Basic operations on the local thermostat and mobile application.

Visit **www.siemens.com/smart-thermostat** for more information about your thermostat.

Before configuration, make sure the thermostat is installed and powered up along with:
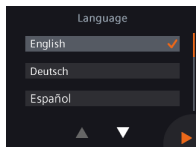
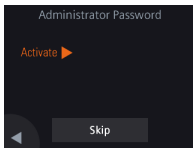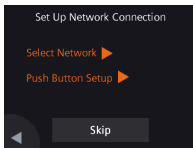A WLAN compatible router   Valid email address   Smartphone

1. Select a language.
- • Tap the language to select.
- • Tap ▼ to view more languages.
- • Tap ▶.

2. Set an administrator password to prevent access to advanced settings.

We recommend a strong password, particularly if the thermostat is installed in a public location. If you decide to skip this step, you can also set the password later under ⚏ > **Advanced settings** > **Password**.

3. Two ways to set up a network connection:
- **Select Network** – Follow the on-screen step-by-step instructions to connect to a WLAN[1] network.
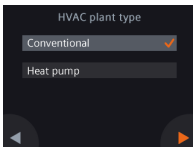- **Push Button Setup** – Connect to a WPS compatible router.

Note:
a. You can skip this step if the network connection fails or you want to connect to the network another time.
b. The supported WLAN channel range is from 1 to 11. Check your router settings if your thermostat cannot find the router.
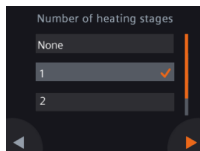
Using the WPS router feature:
a. Press the WPS button on your router when prompted by your thermostat.
b. Tap **Connect** *on your thermostat to connect to the network.*
c. After a connection is established, continue with other settings as desired.

4. Select the equipment type.
- Select the type of HVAC system corresponding to your equipment.
- Tap ▶ to manually configure the thermostat.

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[1] Your thermostat operates in a frequency band range from 2.4 GHz to 2.4835 GHz, and the maximum radio-frequency power transmitted in the frequency band is 18 dBm.

5. Continue to set up the heating or AC system details.
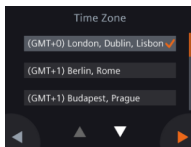- Configure sub-options. Note that the configuration screens may differ depending on the type of the system.

6. Select the network connection type.

End or home users
- Selecting **Private WLAN** means that the thermostat is connected to your own WLAN network. You need to choose and manage your password.
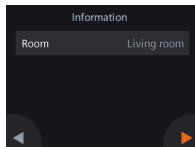
Institutional users
- Selecting **Administrated WLAN** means that the thermostat is connected to the facility WLAN network. The password is provided by the facility managers and under their control.

7. Configure the time zone.
a. Tap the installed location on the map.
b. Select the time zone (Tap ▼ to view more time zones).
c. Tap ▶ and follow the on-screen instructions to set the year, month and date.

8. Name the thermostat location.
a. Tap the text box.
b. Select a pre-defined room name from the drop-down list or enter a room name manually.
c. Tap ▶.

Setup Completed

Start

9. Tap Start to restart.

The thermostat restarts immediately. After restart, the home screen is displayed.

10. Set up the mobile application.

- Using smartphones running iOS 10.0 (or above) or Android 5.0 (or above):
  a. Make sure the smartphone is connected to the Internet.
  b. Download and install the free mobile application *Siemens Smart Thermostat RDS* from App Store® or Google Play™.
  c. Follow the mobile application startup steps to register your account**.**

Go to
siemens.com/my-smart-thermostat

Note: If the thermostat is connected to the Internet and 📧 displayed on the home screen, you can download and install the mobile application as follows:

  a. Tap 📧.
  b. Scan the QR code displayed as shown on the left using your smartphone.
  c. Open the corresponding website, expand the section on mobile app, and go to App Store® or Google Play™.

11. Activate your thermostat. This links the thermostat to your registered account.

- Make sure the thermostat and smartphone are connected to the Internet.
- Using the application's built-in QR code scanner, scan the QR code on the activation code sticker shipped with the thermostat. You can also enter the code manually.

Activation Code
5BKNMF-Y5TBC-B3C7M-7YGEA-HZ7AQ

Note: Only one activation code can be connected to one account. However, one user account can be associated with a maximum of 12 thermostats. If you want to scan the code directly from the thermostat, tap 📧 on the home screen, then tap ▶ to go to the activation code page.
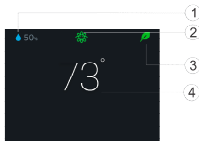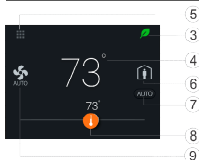
Congratulations!

You have successfully registered and configured your thermostat and linked with your registered account. You can now enjoy the convenience and control of your comfort while saving energy.

Basic operations (see the online user guide for more information)
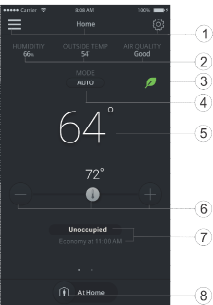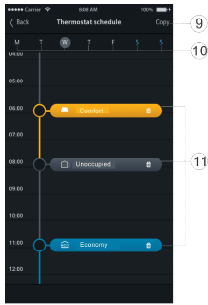
Local device idle screen

1   Relative room humidity

2   Room air quality status: good, average, poor.

3   Green leaf: Energy-optimized mode.
    Red leaf: Tap to restore the energy-optimized mode.

4   Room temperature

5   Menu: Detailed information and settings.

6   Tap to switch to **AWAY** mode.

7   Tap to switch between AUTO and Manual:

   AUTO   Works according to a schedule or to the current user setpoint temporarily until the next scheduled switching point.

   Manual mode. Works permanently according to the current user setpoint.

Local device home screen

8   Tap or slide to change the room temperature setpoint.

   The heating output is energized.

   The cooling output is energized.

   Neither heating nor cooling output is energized.
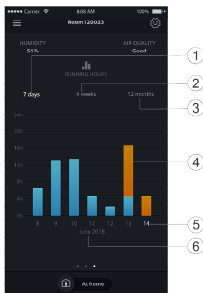
9   Tap to select a fan mode (AUTO/ON).

App home screen

Schedule page

NOTE: To go to the schedule page, tap ⚙, and then tap **Thermostat schedule**.

1 Options, room name, setpoint and schedule settings.

2 Room humidity, outside air temperature (if available) and room air quality status.

3 Green/red leaf indication

4 Tap to switch between AUTO and Manual (see previous page).

5 Room temperature

6 Decrease setpoint, current setpoint and increase setpoint.

7 Current mode (**Comfort**, **Economy** and **Unoccupied**). Time for the next mode

8 Tap to toggle between **At home** and **AWAY**.

9 Copy the current schedule to other days.

10 Days of a week

11 Tap and hold, select and move to set a schedule.

Running hours screen

1	Seven-day view by default, showing the heating or cooling running hours or both of each week day counting down from the current day.
2	Tap to switch to the four-week view.
3	Tap to switch to the 12-month view.
4	Indication of heating or cooling running hours or both
5	The current day/month
6	The current month/year

Note: The Running hours widget displays on the mobile application if the heating or cooling or both has been enabled. Swipe on the home screen to go to this widget.

Technical specifications and availability subject to change without notice.

After online firmware updates, the text in this document might be different from the one in the updated firmware. See the latest document at http://siemens.com/bt/download by searching the doc number A6V11228376.