HEAT PUMP CONTROLLER

USER MANUAL

2018-11-07

Wall controller

Mobile Apps controller

GENERAL INFORMATION

Your temperature control system is an automated device that will automatically select the right system operating mode (cooling or heating) depending on room conditions in order to maintain your selected temperature setpoint.

The wall controller displays the system's main information and allows you to select the most common functions.

The mobile application controller allows you to access advanced features.

COMFORT MODE

The system includes three automatic schedules (**Home**, **Away** and **Sleep**) based on the time of day.

It also includes an automatic **Vacation mode** based on the day of the year as well as a manual **Eco mode**.
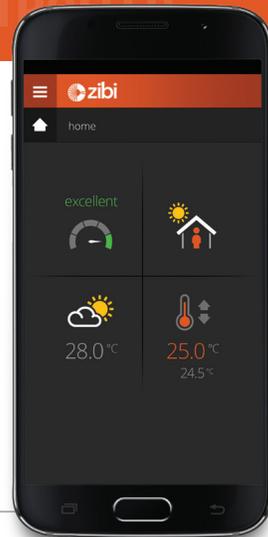
WALL	MOBILE	
☀☖	☀🏠	**HOME** Settings for when you are at home and awake
🏠	🏠	**AWAY** Settings for when you are not at home
☾☖	☾🏠	**SLEEP** Settings for when you are sleeping
🌿	ECO 🌿	**ECO / VACATION |** Settings for when you want to keep the temperature from falling below the minimum setting or exceeding the maximum setting. Generally used to save energy when you are away on vacation or if you want to open windows and prevent the system from operating unnecessarily.

CONTROLS

Press to switch the system to **Eco mode**.
The system will stay in this mode until you release it.

Press to override the system in **Home mode**. The system will stay
in this mode until the next schedule or if you press it again.

Press to display more information (if applicable).

Press to enter the **Temperature setting screen**.

Press to enter the **Fan setting screen**.

On the **Temperature setting screen**, press
the **–** to decrease the selected setpoint or the **+** to increase it.

On the **Fan setting screen**, press
the **–** to decrease the maximum fan speed or the **+** to increase it.

HOME SCREEN

ROOM TEMPERATURE

OUTSIDE TEMPERATURE
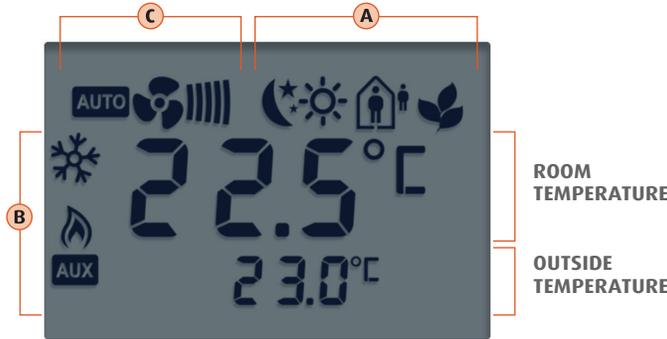
Ⓐ COMFORT MODE

	HOME
	AWAY
	SLEEP
	ECO / VACATION

Ⓑ HEATING OR COOLING MODE

	HEATING ❘ A heating icon indicates that your system is operating in **Heating mode**.
	AUXILIARY HEATING (System malfunction) ❘ The AUX icon indicates a system malfunction. This means the auxiliary heating system is operating in order to prevent freezing. (Contact your building manager if applicable.)
	COOLING ❘ A cooling icon indicates that your system is operating in **Cooling mode**.

Ⓒ FAN MODE AND SPEED

	AUTOMATIC MODE ❘ The AUTO icon beside the fan indicates that the fan is configured in **Automatic mode**.
	CONTINUOUS MODE ❘ When the AUTO icon is not displayed, this indicates that the fan is configured in **Continuous mode**. When neither heating or cooling is required, the fan will still run at the minimum speed to maintain air circulation in the room.
	SPEED ❘ The waves to the right of the fan icon indicate fan speed.

SETTING SCREENS

TEMPERATURE SETTING SCREEN

1 Press ⬚ to enter the **Temperature setting screen**.

2 Press the **−** to decrease the desired temperature setpoint by increments of 0.5°C or the **+** to increase it.

3 Press ⬚ to return to the **Home screen**.
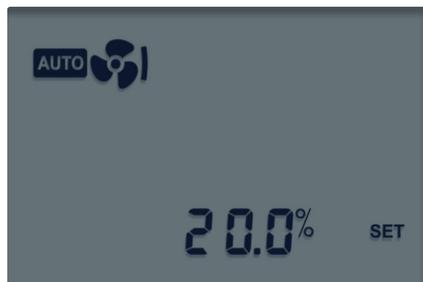
FAN SETTING SCREEN

1 Press ⬚ to enter the **Fan setting screen**.

2 Press the **−** to decrease the desired maximum fan speed by increments of 5% or the **+** to increase it.

3 Press ⬚ to toggle between continuous or automatic fan mode.

4 Press ⬚ to return to the **Home screen**.

MOBILE APPS CONTROLLER

LOGIN

HOME PAGE
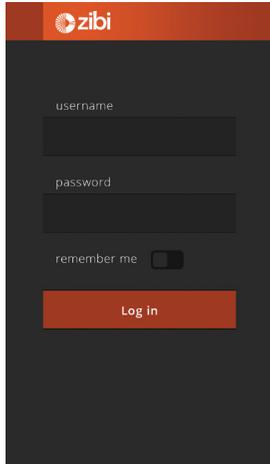
To begin using the mobile application, enter your personal information (contact your building manager). Select **Remember me** to log in automatically the next time you use the application.

A **ENERGY SAVING EFFICIENCY**

INFORMATION DISPLAYED
Your energy performance compared to the average performance of the building

FUNCTION
Tap to view more information about your energy consumption

B **OUTSIDE TEMPERATURE**

INFORMATION DISPLAYED
Current weather conditions

FUNCTION
Tap to view more weather information.

E **MENU**

Tap to select more options.
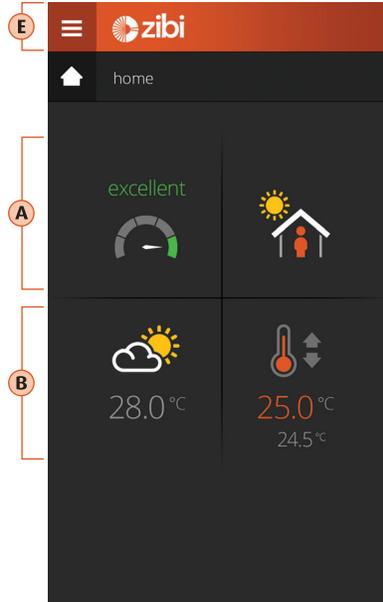
C **SCHEDULE MODE OVERRIDE**

INFORMATION DISPLAYED
Current **comfort mode**

FUNCTION
Tap to select the desired **Comfort mode** override.

D **ROOM TEMPERATURE**

INFORMATION DISPLAYED
Room temperature and current setpoint

FUNCTION
Tap to modify the current setpoint (will be reinitialized at the next schedule change).

WALL CONTROLLER **MOBILE APPS CONTROLLER**

MENU PAGE

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- home
- controls
- schedule
- vacation
- weather
- statistics
- settings

HOME | For current information on Comfort mode, room temperature, energy saving efficiency and weather conditions

CONTROLS | To modify the temperature setpoint in each Comfort mode

SCHEDULE | To adapt your system to your lifestyle

VACATION | To set a time period during which you will be away from your home

WEATHER | For a quick overview of short-term weather forecasts.

STATISTICS | To view more information about your energy consumption

SETTINGS | To change some settings

MOBILE APPS CONTROLLER

CONTROLS PAGE

Your heating and cooling needs change depending on the time of day or the day of the week. For instance, when you are away from your home in the summer, you don't need to maintain a rigid temperature control. To boost your energy savings, you can modify your desired cooling setpoint and let the temperature rise to a maximum value.

The **Eco mode** is generally used for energy savings when you go away on vacation or if you want to open the windows and prevent the system from operating unnecessarily. The setting is generally either very low or very high in order to prevent freezing or overheating.

TEMPERATURE SETTING PAGE

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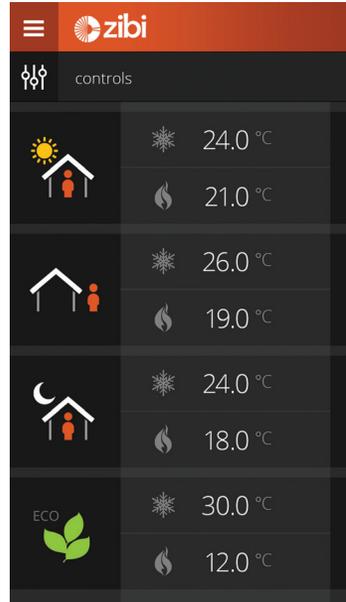
1 Tap the ❄ or 🔥 in the desired **Comfort mode** to enter the **Temperature setting page**.

2 Tap the **–** to decrease the desired temperature setpoint or the **+** to increase it.

3 Tap the **✕** to return to the **Controls page**.

MOBILE APPS CONTROLLER
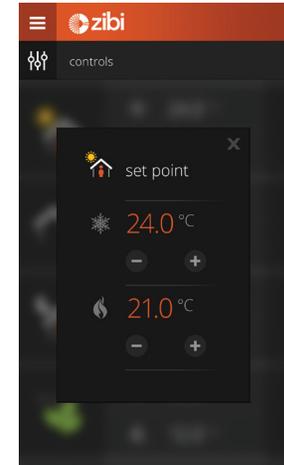
SCHEDULE PAGE
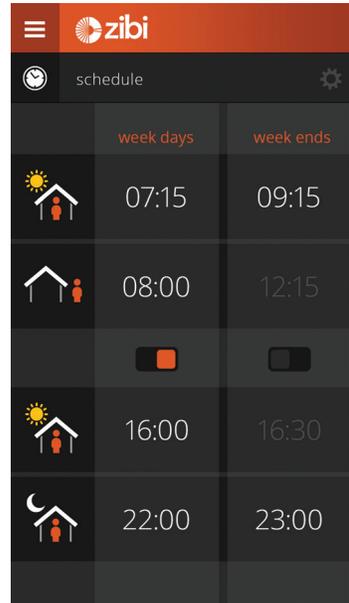
This versatile system can be adapted to your lifestyle in that it allows you to choose between two types of days of the week (by default: weekday and weekend day).

Each can be set for either two or four periods during the day. For instance, if you normally stay home on the weekend, you can disable the four-period schedule and maintain the **Home comfort** setpoint until you go to bed.

Toggle between the desired period configurations

4 PERIOD SCHEDULE	**2 PERIOD SCHEDULE**
▶ Wake up	▶ Wake up
▶ Leave	▶ Sleep
▶ Return	
▶ Sleep	

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MOBILE APPS CONTROLLER

SCHEDULE PAGE

Some people work on weekends and are at home during the week.
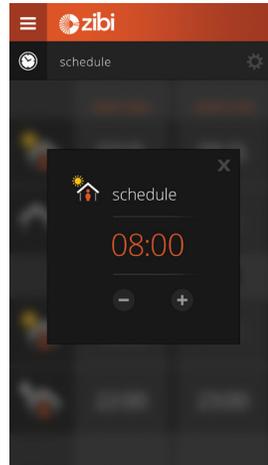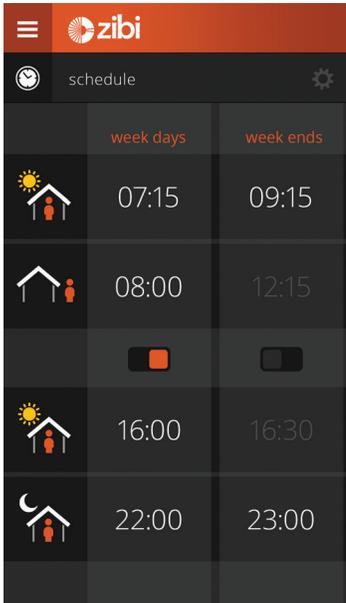
TIME SETTING PAGE

① For each **Comfort mode**, tap the time to modify the start time.

② Tap the **—** or the **+** to set the start time.

③ Tap the **✕** to return to the **Schedule page**.
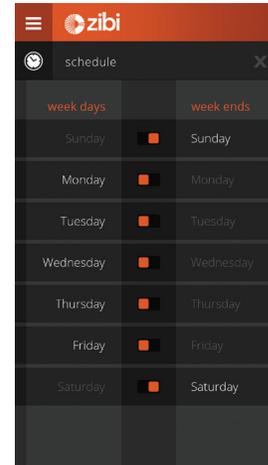
DAY SETTING PAGE

① Tap the ⚙ to enter the **Day setting page**.

② Toggle each day between week and weekend to adapt the type of day to your lifestyle.

③ Tap the **✕** to return to the **Schedule page**.

MOBILE APPS CONTROLLER
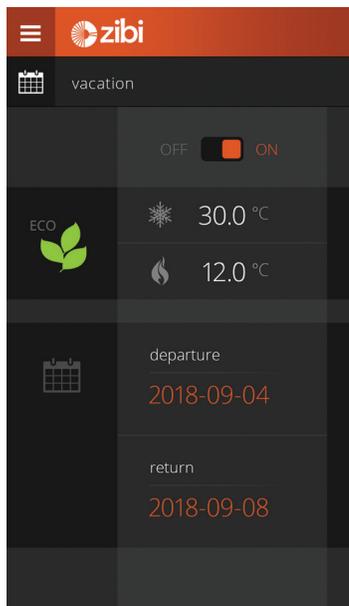
VACATION PAGE

The **Vacation page** allows you to pre-set a schedule for a period of time when you will be away from your home. By activating this feature, the system will automatically switch to **Eco/Vacation mode** on your departure date and return to the normal schedule when you return home. This will help you save energy.

VACATION PAGE

① Toggle ON, to activate the **Vacation mode**.

② Tap the ❄ or ♦ field to change temperature in **Eco mode**.

③ Tap a date to set the days of the vacation period.
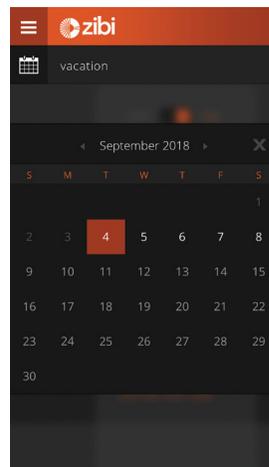
CALENDAR PAGE

① Choose your departure day and your return day on calendar. The entire vacation period will be selected.

② Tap the ✖ to return to the **Vacation page**.

③ On **Vacation page**, the departure and return days will be displayed.

MOBILE APPS CONTROLLER
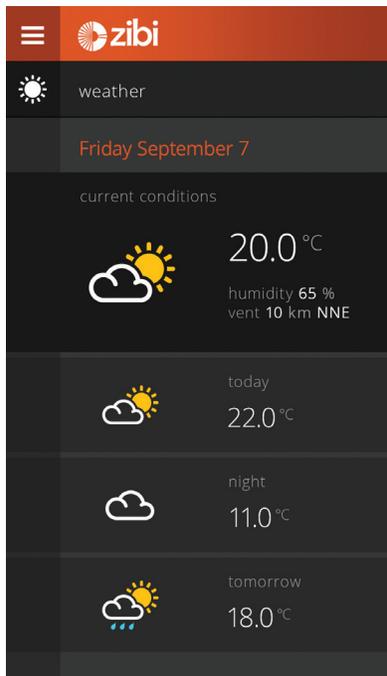
WEATHER PAGE

The **Weather page**
provides a quick overview of
short-term weather forecasts.

MOBILE APPS CONTROLLER
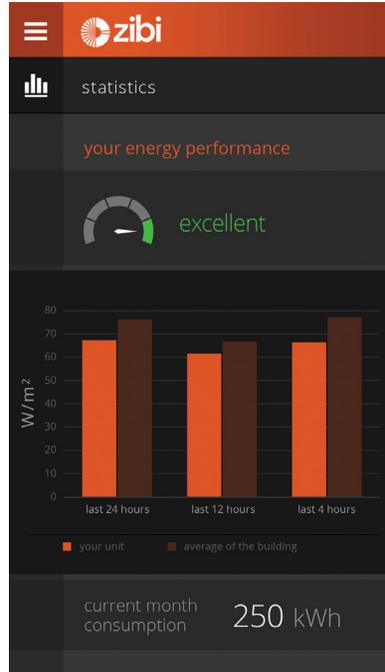
STATISTICS PAGE

The **Statistics page** provides
your energy performance compared
to the average performance of the building.

It shows:

Your **energy saving efficiency** among the following
5 levels : poor, bad, ok, good and excellent.

Your **energy performance in W/m²** compared
to the average of the other units of the building,
for the last 4 hours, 12 hours and 24 hours.

Your **consumption in kWh** of the current month.

MOBILE APPS CONTROLLER
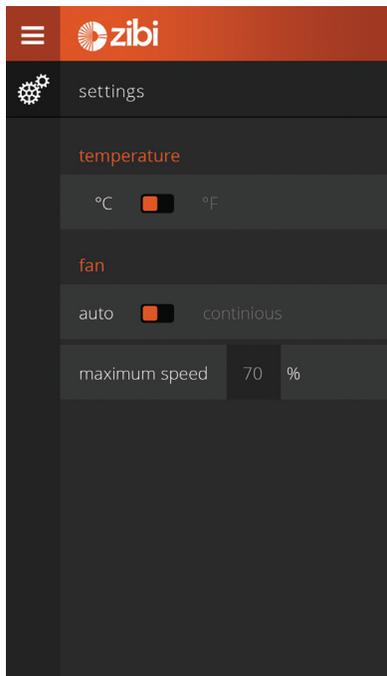
SETTINGS PAGE

The **Setting page** allows you
to make some changes to the settings.

TEMPERATURE

Toggle between °C or °F.

FAN MODE AND SPEED

Toggle between **Automatic mode** or **Continuous mode**.
In **Continuous mode**, the fan will always operate at
minimum speed to maintain room airflow, even if there
is no cooling or heating.

Tap number field to change the maximum fan speed.