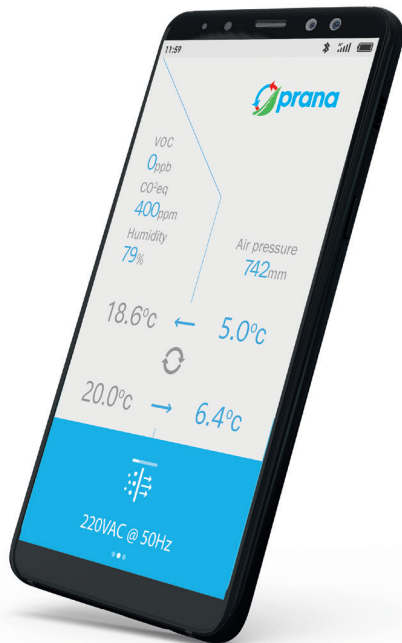


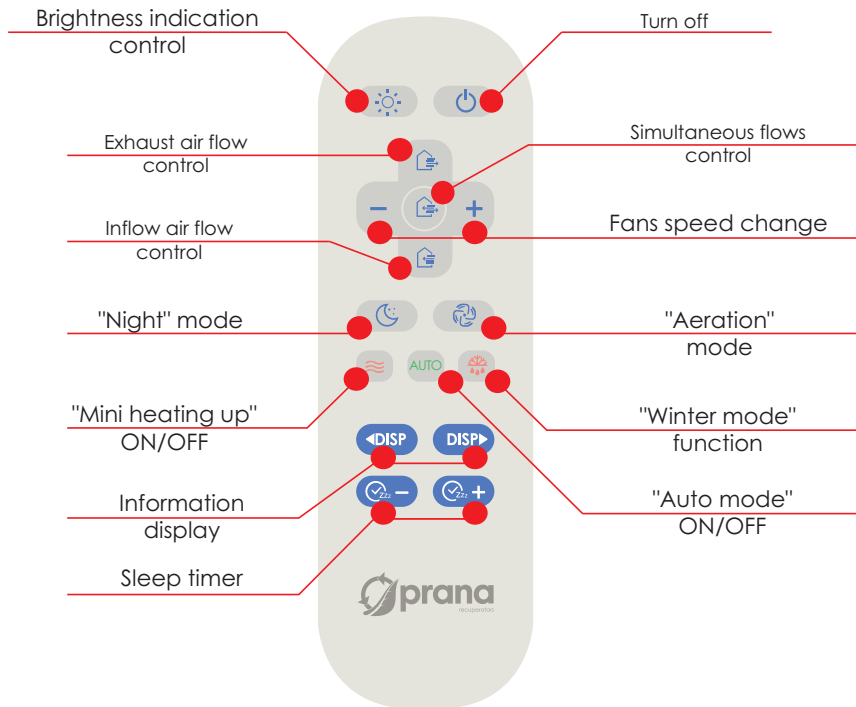


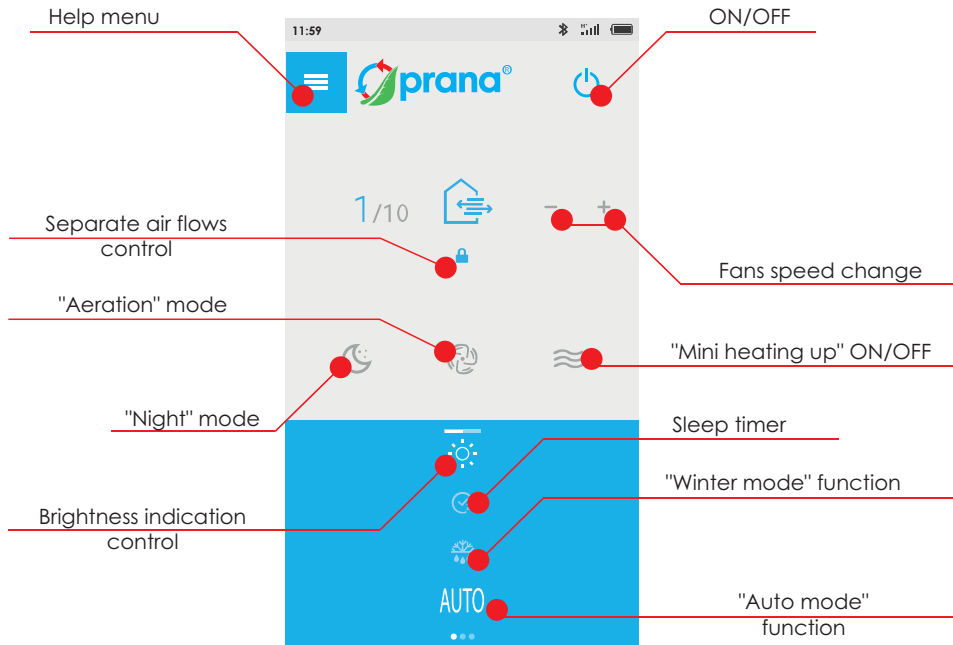
Remote control manual residential ventilation unit PRANA

- ☐ Standart
- ☐ ERP LITE
- ☐ ERP PRO

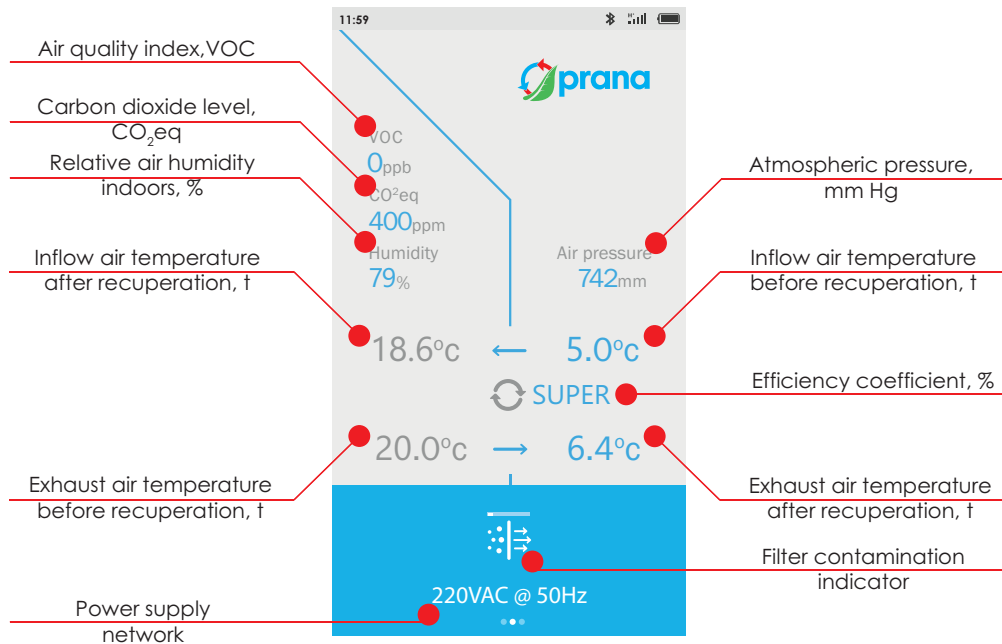
Ventilation unit configuration			
	STANDART	ERP LITE	ERP PRO
Separate control	+	+	+
Identification of filter condition	-	+	+
Date and time	+	+	+
Sleep timer	+	+	+
Bluetooth support	+	+	+
Atmospheric pressure sensor	-	+	+
Temperature sensor 1	-	+	+
Temperature sensor 2	-	+	+
Temperature sensor 3	-	-	+
Temperature sensor 4	-	-	+
Air quality sensor, VOC	-	-	+
Carbon dioxide sensor	-	-	+
Humidity sensor	-	+	+
AUTO mode	-	+	+
Efficiency coefficient	-	-	+

ATTENTION! A complete list of the options described is available for the Prana ERP PRO Series systems only. The list of functions differs depending on the model of the recuperator.

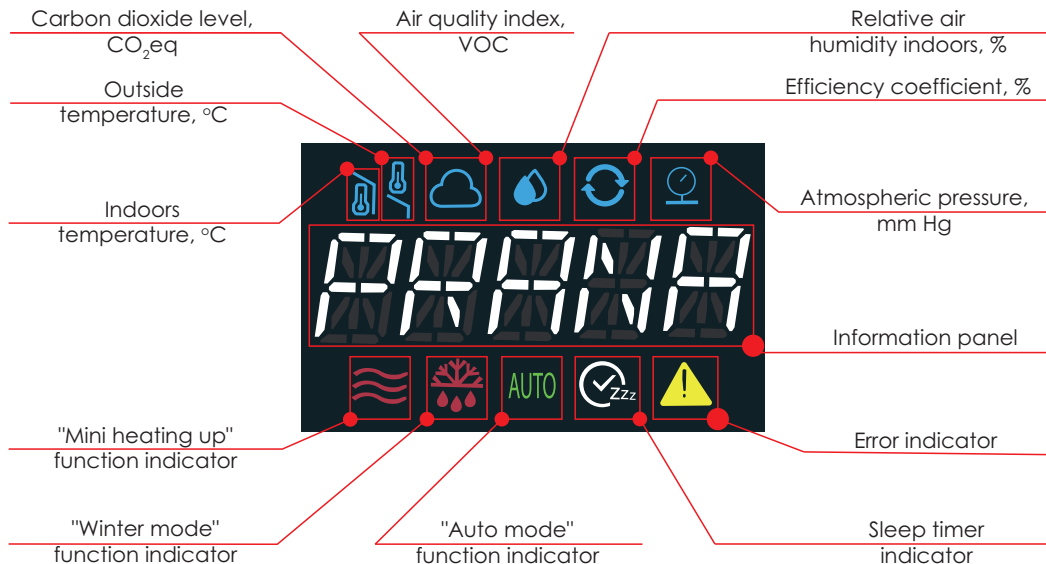




ATTENTION! Menu may vary according to device configuration



ATTENTION! Menu may vary according to device configuration



ATTENTION! Menu may vary according to device configuration



connected device:

MY ROOM



disconnected device:

PRANA RECUPERATOR



1. First start

Check power supply to ventilation unit.

NO INDICATION – electrical power is not supplied to the device.

"-" – electrical power is supplied to the device;

the device is turned off.

Download Prana RC app:



PRANA RC



PRANA RC



Turn on Bluetooth on your device and run the app.

The device you are connected with at the moment is in the upper list.

All PRANA ventilation units are in the lower list, provided that the devices are turned on, with built-in Bluetooth module and are installed in its range.

Select your device from the lower list, its default name is PRANA Recuperator. If you have several devices installed, read paragraph 2 (Ventilation units regulation).

The device will connect automatically and you'll be able to control it after these steps.



current or new passcode:

0 0 0 0

0 1 2 3 4 5 6 7 8 9 <

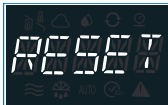
current or new name:

P R A N A R E C U P E R A T O R

1 2 3 4 5 6 7 8 9 0
Q W E R T Y U I O P
A S D F G H J K L
Z X C V B N M
SPACE <

Cancel

Save



2. Ventilation units regulation

You can create an individual name and passcode to each device for control convenience (if 2 or more devices are available).

To do this, click on the device you are connected with at the moment and enter 4-digit passcode by keyboard in "current or new passcode" input field (write it down, so you don't lose an access to the device).

Enter device name in "current or new name" input field by keyboard to distinguish it among others. For example, enter "MY ROOM" and click Save.

When connecting PRANA, you'll be asked to enter the created passcode and confirm connection.

You'll see the individual names of your devices in the list of available devices on the third screen of the app and you'll be able to control them.

If you haven't written the passcode down or lost it, you can reset it to default settings with combination on the remote:

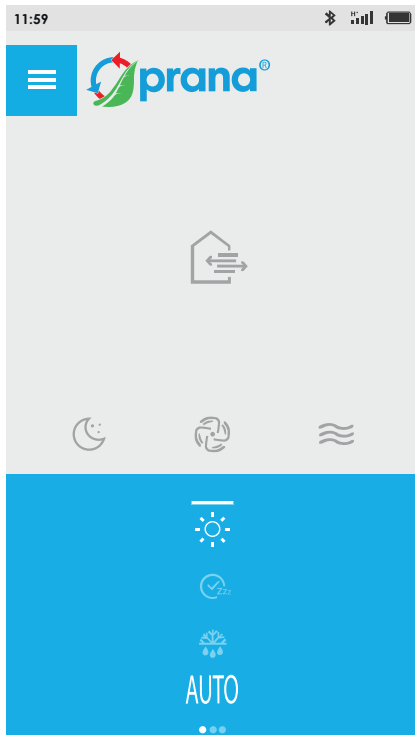
2x 2x 2x 2x

If the combination is correct, "RESET" will be displayed.

The default settings will be as follows:

Default name of the device: PRANA Recuperator;

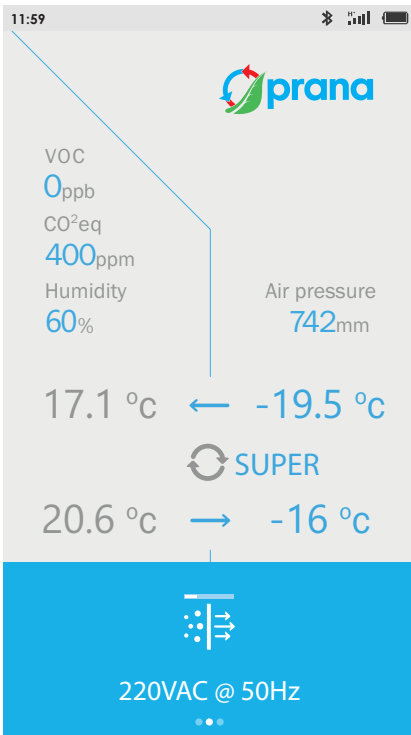
Default passcode: 0000.



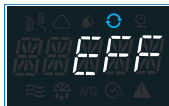
3. Brightness indication control

We set 6 brightness indication levels for convenient use of the device at the night time.

Control brightness indication by  button on the remote or  button in the app.



Available only in Premium Plus configuration



4. Efficiency indicator

A range of measurements made by the device and displayed on the screen or in the app are provided for display of efficiency.

Measurements are made using temperature sensors located:

1. Before recuperation, from the side of the room;
2. Before recuperation, from the side of the street;
3. After recuperation, from the side of the street;
4. After recuperation, to the side of the room.

The data is intended to determine approximately the efficiency indicator, the value of which may depend on environmental conditions and system operating condition.

The minimum operating condition is used for the most accurate display of the indicator in PRANA ventilation system.

The efficiency is not deducted when the air temperature outside and inside the room has a difference of 0°-3°C.

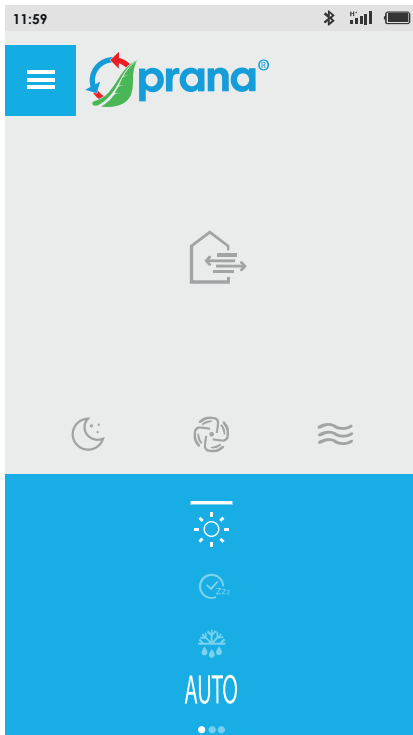
For convenient determination of the efficiency indicator of PRANA recuperator, we have provided 3 levels of indication.

SUPER – Efficiency is 80% and larger

HIGH – Efficiency is 60-79%

GOOD – Efficiency is up to 60%.

* - The function is not available for STANDART and ERP configuration.

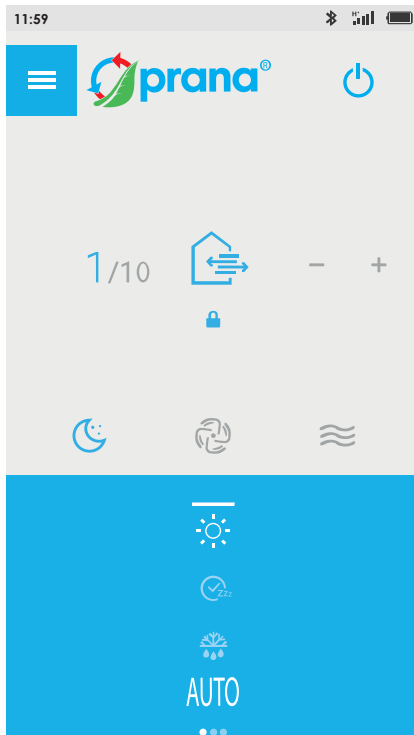


5. Date and time

Date and time function is available to organize additional convenience of PRANA ventilation unit usage. This information is obtained from your smartphone during synchronization.

Repeat synchronization is needed for correct display of information in case of the device disconnection from 220V power supply.

Press **◀DEP** **DEP▶** button on the remote to turn on this function. If you leave date and time active, it will be displayed until you switch the information display.



6. "Night" mode

"1/10" on information panel – device is in "Night" mode.
Ventilation unit minimum performance mode.
Press  button on the remote or  button in the app to turn on.

Air exchange rate in "Night" mode m3/h:

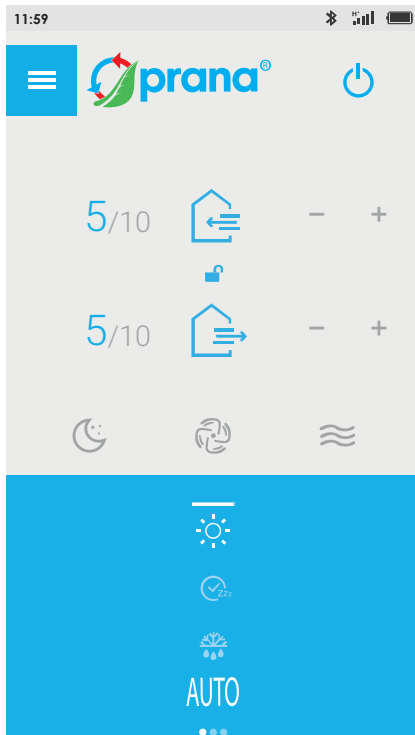
150	200G	200C	Model
12	12	21	✓ Inflow
9	10	18	▲ Exhaust

Recuperation efficiency, %

95	96	93
----	----	----

Noise characteristic of the device at a 3 m distance, dB:

14	13	15
----	----	----



7. Manual mode

"2 \ 10" ... "9 \ 10" on information panel – device is in the relevant mode.

Manual mode is used as a default mode.

Device performance from 10% to 90% of the highest air exchange rate in increments of 8%. Switch fans speed modes by +/- buttons on the remote or in the app.

Press 2x  on the remote or  in the app to select simultaneous flows control.

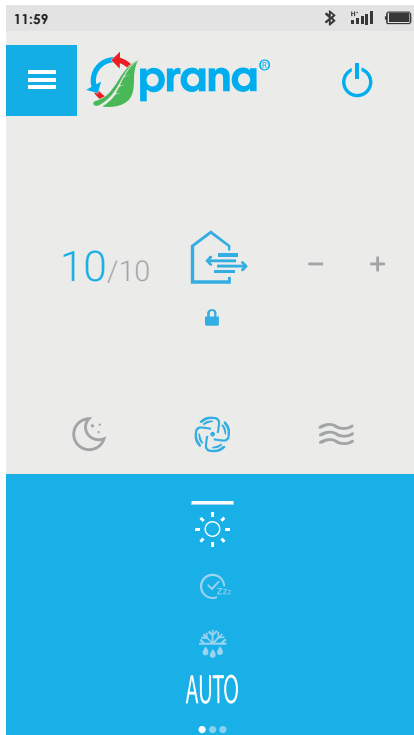
Separate engines control

This function enables separate control of Inflow and exhaust air flow.

Inflow and **exhaust** air volumes are displayed on information panel by values from 1 to 10, respectively from **the left** to **the right** of slash.*

For air flows control by the remote press  button for Inflow or  button for exhaust, then select air volume by +/- buttons.

For air flows control by the app, press  button, then select Inflow or exhaust air volume by +/- buttons, with upper values for the Inflow and lower values for the exhaust.



8. "Aeration" mode

"10/10" on information panel – device is in "Aeration" mode. Ventilation unit maximum performance mode.

Press  button on the remote or  button in the app to turn on "Aeration" mode.

Air exchange rate in "Aeration" mode m3/h:

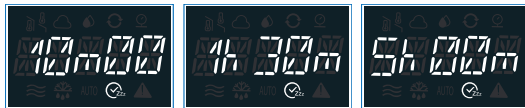
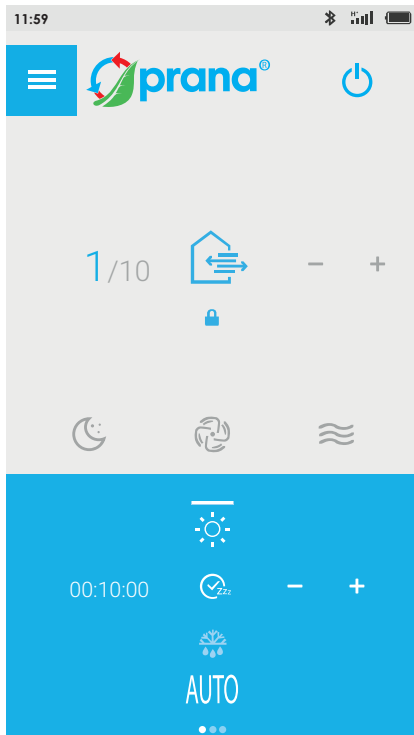
150		200G		200C		Model
105		108		185		▼ Inflow
97		100		177		▲ Exhaust

Recuperation efficiency, %

68 | 69 | 65

Noise characteristic of the system at a 3 m distance, dB:

52 | 50 | 54



9. "Sleep timer" function

The function is highlighted  on indication panel.

Press   button on the remote or  button in the app to turn on "Sleep timer" function.

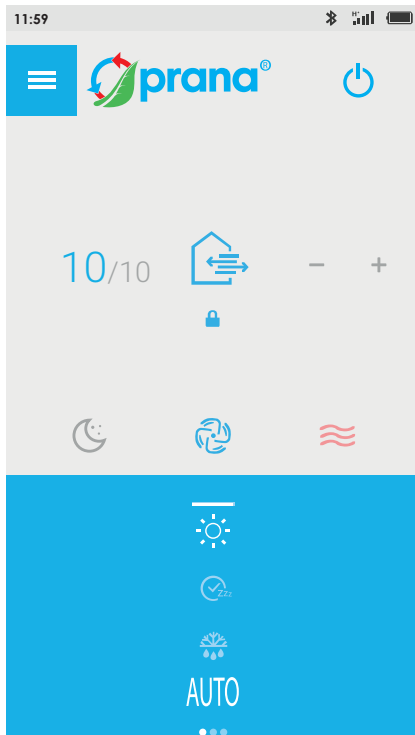
Timer is set by +/- buttons on the remote or +/- in the app.

The system turns off automatically after the set timer stop.

9 timer configurations are available by default.

Timer configurations:

- 1 - 10 min
- 2 - 20 min
- 3 - 30 min
- 4 - 1 h
- 5 - 1 h 30 min
- 6 - 2 h
- 7 - 3 h
- 8 - 5 h
- 9 - 9 h



10. "Mini heating up" function

"Mini heating up" function is turned on, if  indicator on information panel lights red.

"Mini heating up" function for Inflow air is set to organize additional convenience of residential premises ventilation by PRANA residential and semi-industrial ventilation units.

Press  button on the remote or  button in the app to turn on the function.

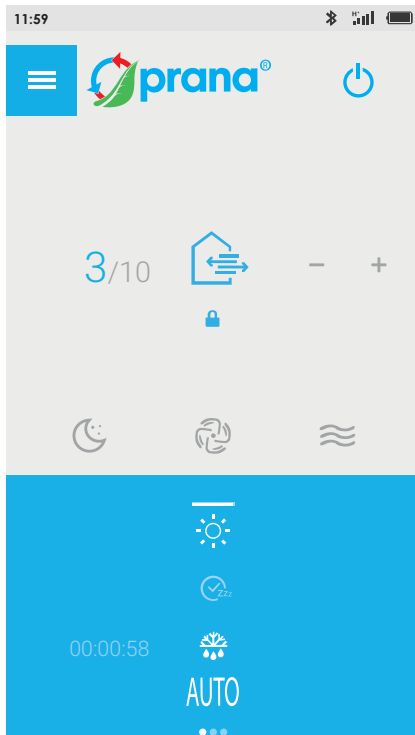
"Winter mode" function turns on in manual mode at the outside temperature below 0°C.

ATTENTION! "Mini heating up" function should be turned on as to prevent the freezing of condensation drainage in the premises with air humidity of more than 55 % at the outside temperature below 0°C. "Mini heating up" function is not available at the outside temperature above +18°C.

"AUTO" mode operation.

The function is permanently running with "AUTO" mode turned on and at the outside temperature below 5°C.

* - In the STANDART configuration, AUTO mode is not available.



11. "Winter mode" function

"Winter mode" function is intended to prevent the freezing of condensation drainage when it is cold or for its unfreezing.

ATTENTION! "Winter mode" function is required to prevent the freezing and to provide correctness of the device work at the sub-zero outside temperatures.

Press  button on the remote or  in the app to turn on the function, then select necessary mode.

Ventilation unit turns on in selected mode after time (1 min) passes on "Winter mode" timer.

"WAIT" is displayed on the screen during the waiting time.

ATTENTION! Ventilation unit engines start only after time is up on "Winter mode" timer.

"AUTO" mode operation.

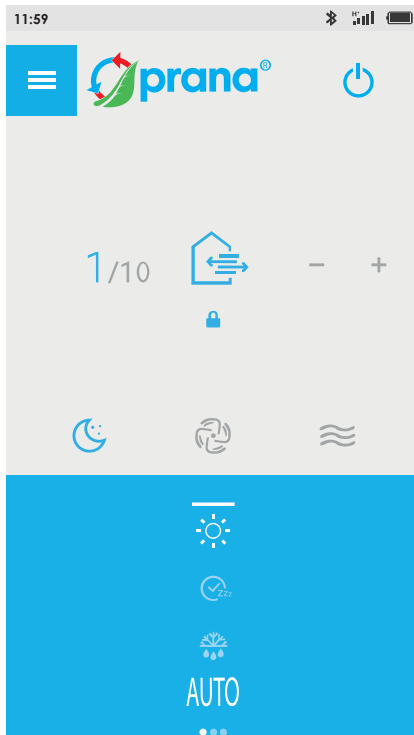
 indicator on information panel lights white when: the function is turned on; heating elements are on passive mode and will turn on automatically at the outside temperature below + 4 °C or turn off automatically at +6 °C.

 indicator on information panel lights red when heating elements are active.

"Winter mode" will be functioning for 30 min after engines cutoff to prevent the device freezing which could lead to decrease in efficiency or problems with condensation drainage.

"Winter mode" function is not available at the outside temperature above +18 °C.

* - In the STANDART configuration, AUTO mode is not available.



12. "AUTO" and "AUTO+" mode

The AUTO indicator on the dashboard is green means that AUTO mode is turned on. This mode performs according to a specifically designed algorithm * and selects the optimal system settings based on data obtained from CO2eq level sensors, relative humidity, VOC and real-time temperature sensors.

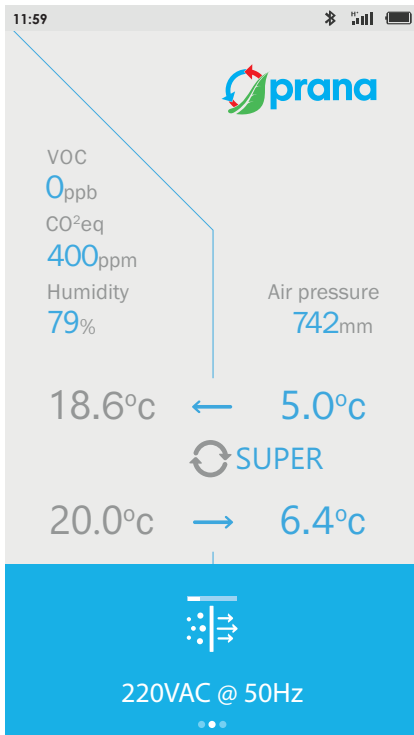
AUTO mode is activated by pushing the "AUTO" button on the remote control or mobile application.

There is no "AUTO PLUS" mode indicator on the dashboard. The system will inform the process of starting the mode with the "AUTO" indicator in the dashboard and displaying "AUTO +" in the dashboard for only 1 second. The heat exchanger operates in a similar mode with the AUTO algorithm, but with air exchange restrictions. The maximum allowed engine speed is - 3. This mode is recommended for night time using.

Based on the data from the temperature sensors, the "mini-heating" and "winter-mode" functions will be switched on and off automatically.

* - A recuperator PRANA ERP LITE only uses the humidity and temperature sensor to run the AUTO, AUTO PLUS modes.

* - AUTO, AUTO PLUS modes are not available in PRANA STANDART models.



13. Filter contamination indicator

There is a pressure sensor in the device to define contamination index of Inflow air filter.

Filter condition should be identified only at the moment of device launch by measuring of filter capacity.

Use symbols in the table to identify filter condition.



Filter is not installed



Filter is installed, in good condition



It is recommended to change filter soon



Device will not launch.
Contaminated filter error.

ATTENTION! We recommend to use PRANA original filters for correct functioning of recuperator and preventing damages of ventilation unit.

ATTENTION! Filter change should be carried out only with deenergized device.

* - In the STANDART configuration, indication is not available.



* PRANA recuperator is a device controlled from a smartphone, so some functions may be subject to change.

Some points of this manual may not be relevant in case of updating the software.

You can always read the current instructions at the link: www.prana.org.ua/TechnicalDocumentation). You can also contact your distributor for help using the contacts listed on the warranty card.

* Prana do not bear responsibility for the fact that the customer could not install "Prana RC" app on his device and / or is using it incorrectly.

This is due to the large number of manufacturers of multimedia devices.

The adaptation of each of them takes a certain time and may be carried out after a certain period of time.