

CONTROL QUICK COMMISSIONING GUIDE

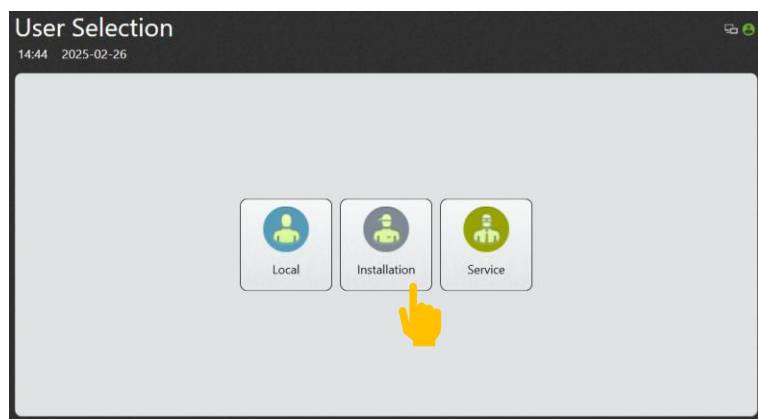
GLOBAL RX/RX Top/PX/PX Top/PX LP ESENSA RX Top/PX Top/PX Flex*

Applicable to TAC7 generation controls

** Not available in all countries. Please contact your sales representative.*

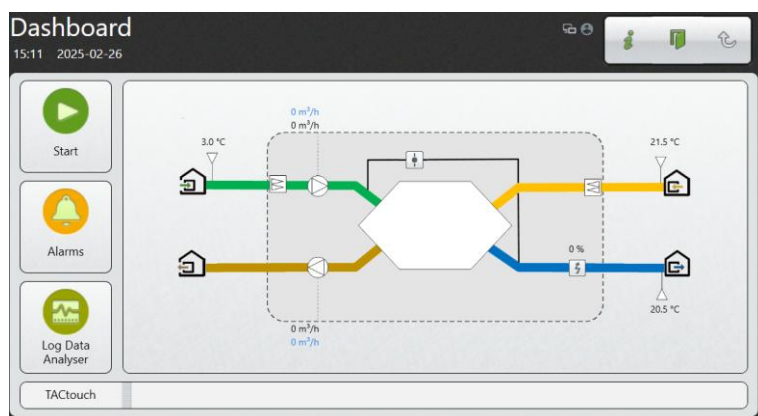


1. Screen navigation



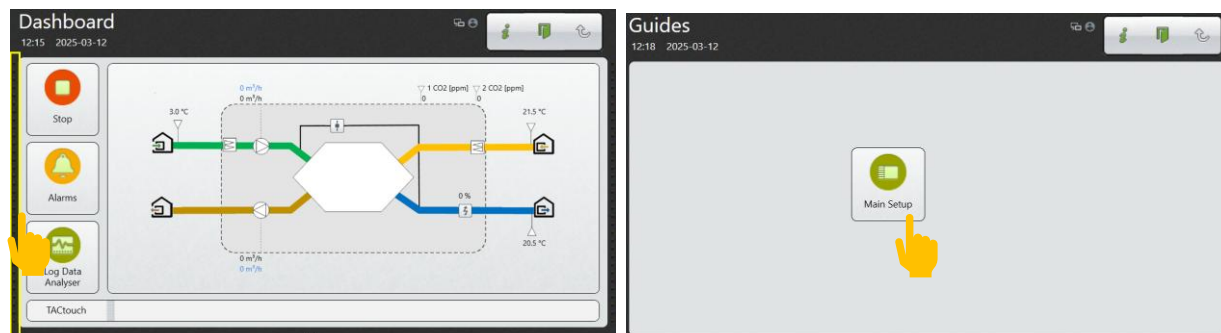
Insert code: 1111

Unit overview

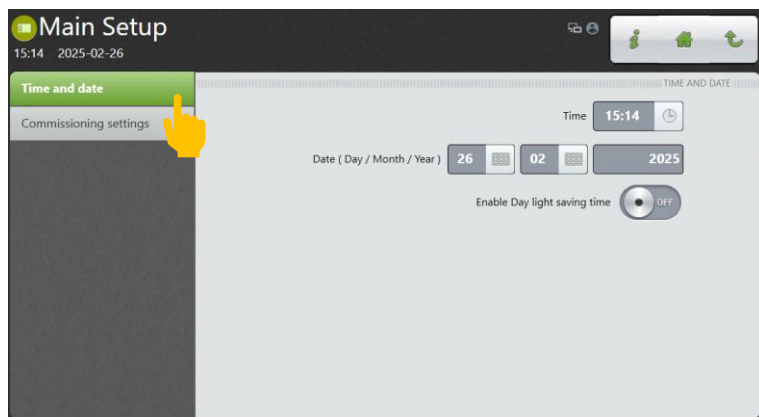


2. Main setup

Click on vertical bar on the left



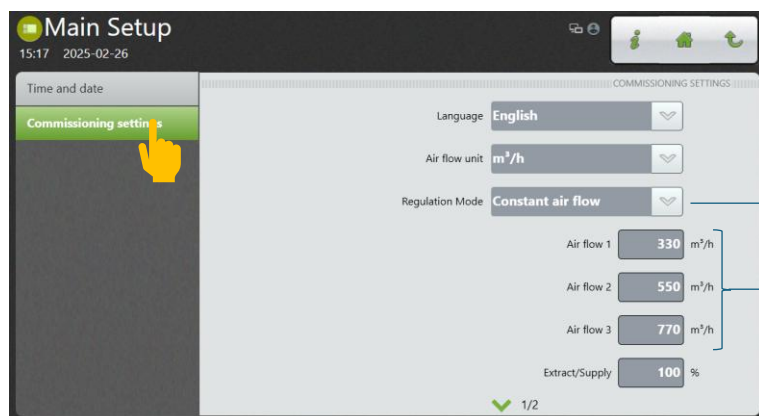
3. Date and hour setup



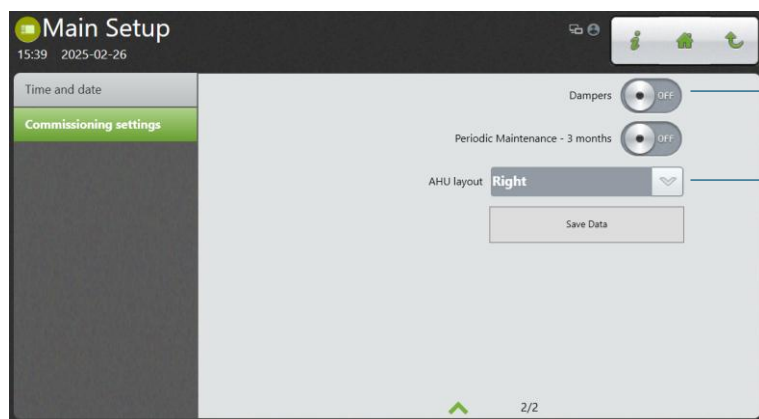
4. Commissioning settings

4.1. Constant Air Flow

4.1.1. First page



4.1.2. Second page



Select here:

1. Constant Airflow mode
2. Demand control mode
3. Constant pressure mode



Fill in here 3 different Air flow values.

When turning on the machine, you will be able to choose which one to use

Refer to paragraph 8.1 to select the speed

Select if dampers are installed or not

Select here if the unit is a "right" or "left" version.

This selection is not mandatory to let the unit work

Commissioning settings is finished

4.2. Demand Control

4.2.1. First page

The screenshot shows the 'Main Setup' screen with 'Commissioning settings' selected. The 'Regulation Mode' is set to 'Demand Control'. Other settings include Language: English, Air flow unit: m³/h, Air Quality sensors: None, Vmin: 0.7 V, Vmax: 7.0 V, and Air flow at Vmin: 100 m³/h. A green checkmark and '1/2' are at the bottom.

Select here:

1. Constant Airflow mode
2. Demand control mode
3. Constant pressure mode



None or up to 3 sensors can be connected. For more info please refer to Operations Manual

Fill in here:

Vmin: min voltage signal
Vmax: max voltage signal
Airflow at Vmin
Airflow at Vmax

4.2.2. Second page

The screenshot shows the second page of 'Main Setup' - 'Commissioning settings'. Settings include: Air flow at Vmax: 770 m³/h, Activation of the 2nd 0-10V: No, Reduction factor: 100 %, Dampers: OFF, Periodic Maintenance - 3 months: OFF, AHU layout: Right. A 'Save Data' button is at the bottom. A green checkmark and '2/2' are at the bottom.

Select if dampers are installed or not

Select here if the unit is a "right" or "left" version. This selection is not mandatory to let the unit work

Commissioning settings is finished

4.3. Constant pressure mode: pressure based

4.3.1. First page

The screenshot shows the 'Main Setup' screen with 'Commissioning settings' selected. The 'Regulation Mode' is set to 'Constant Pressure'. Other settings include Language: English, Air flow unit: m³/h, Extract/Supply: 100 %, Reduction factor: 100 %, Initialisation mode: Pressure-based, and Supply reference pressure: 40 Pa. A green checkmark and '1/2' are at the bottom.

Select here:

1. Constant Airflow mode
2. Demand control mode
3. Constant pressure mode



The pressure is read in the supply airflow. Yet it is possible to choose which sensor to use and which kind of communication (0-10V or ModBus). For more information, please refer to the Operation Manual

Select here: pressure based

Fill-in working pressure

Select if dampers are installed or not

Select here if the unit is a "right" or "left" version. This selection is not mandatory to let the unit work

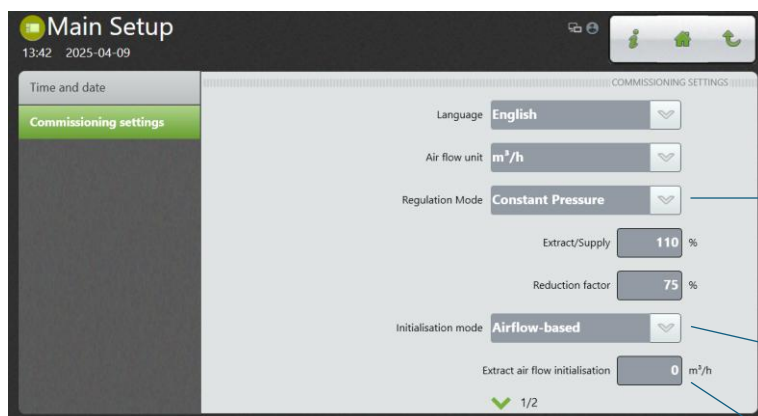
Commissioning settings is finished

4.3.2. Second page

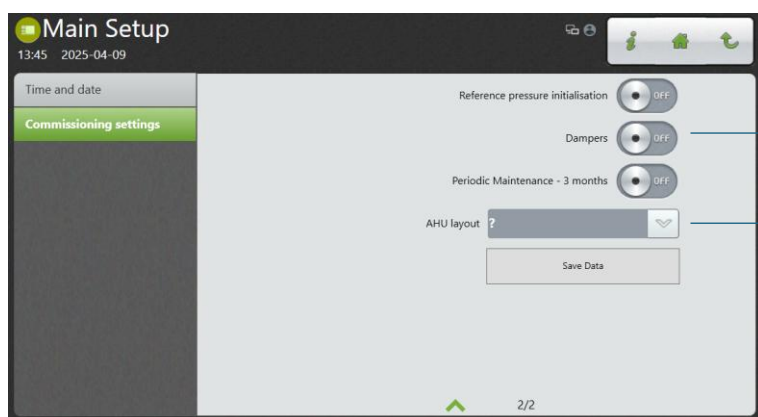
The screenshot shows the second page of 'Main Setup' - 'Commissioning settings'. Settings include: Dampers: OFF, Periodic Maintenance - 3 months: OFF, AHU layout: Right. A 'Save Data' button is at the bottom. A green checkmark and '2/2' are at the bottom.

4.4. Constant pressure mode: airflow based

4.4.1. First page



4.4.2. Second page



Select here:

1. Constant Airflow mode
2. Demand control mode
3. Constant pressure mode

The pressure is read in the supply airflow. Yet it is possible to choose which sensor to use and which kind of communication (0-10V or ModBus). For more information, please refer to the Operation Manual

Select here: airflow based

Fill-in the nominal airflow for the installation. When you will activate the reference pressure initialisation button, the unit will start the fans at this airflow for one minute and measure the reference pressure autonomously.

Select if dampers are installed or not

Select here if the unit is a "right" or "left" version. This selection is not mandatory to let the unit work

Commissioning settings is finished

4.5. Save data

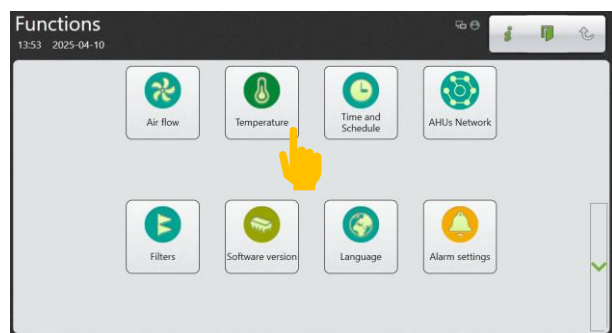
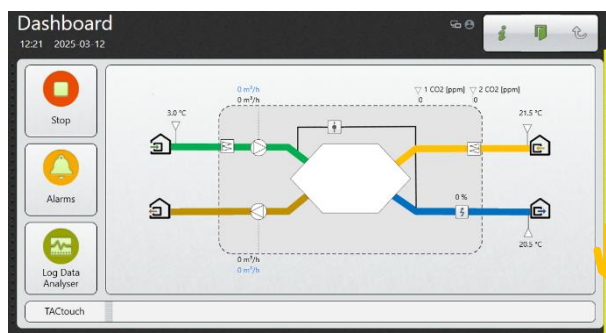
A button "Save Data" is at the bottom of the second page of commissioning settings.

When clicking on it, you save the parameters you have just setup on the micro SD which is in the TAC Touch screen.

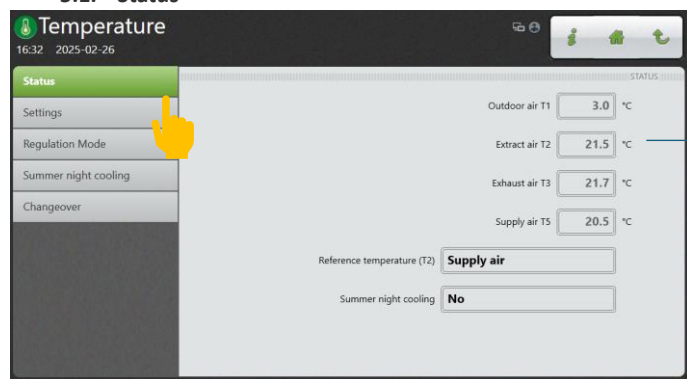
This will overwrite the factory parameters. It is recommended therefore to insert the memory SD in a computer, create a copy of the file "SaveData" and rename it for example as "SaveData-factory setting-serial number". Then reinsert the memory card in the TAC Touch screen

After the commissioning is completed and datas are saved, it is possible to generate a report; for more information please refer to the operation manual.

5. Temperature setup if a heating or cooling coil is installed

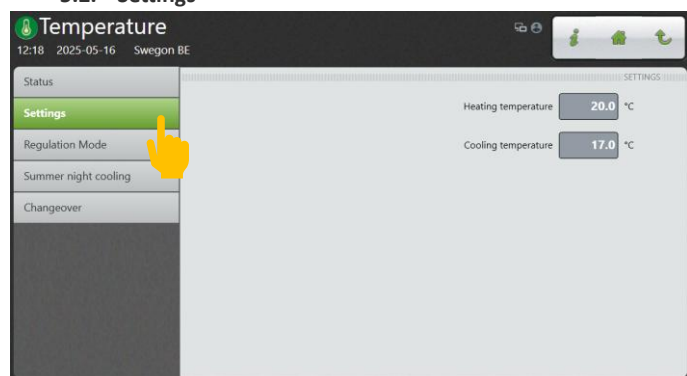


5.1. Status



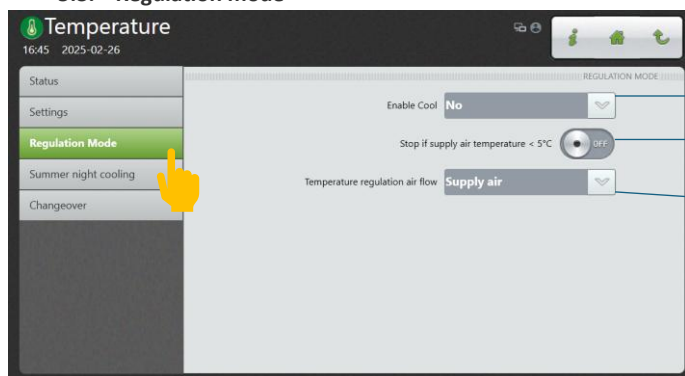
Read here the actual temperatures

5.2. Settings



Setup here cooling or heating temperatures

5.3. Regulation mode



Select if cooling is enabled or disabled

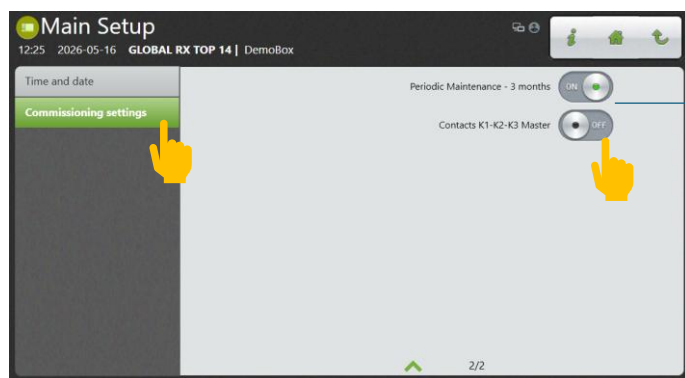
Select ON to stop the fans when the supply temperature is lower than +5°C

Select which sensor is going to be used (either supply or extract) for the temperature control

No explanation is given on this quickguide about “summer night cooling” and “changeover”. If you wish to learn more about it, please refer to the operation manual

6. Contacts K1-K2-K3 Master

Within the Main Setup menu (see chapter 2) and within “Commissioning settings”:

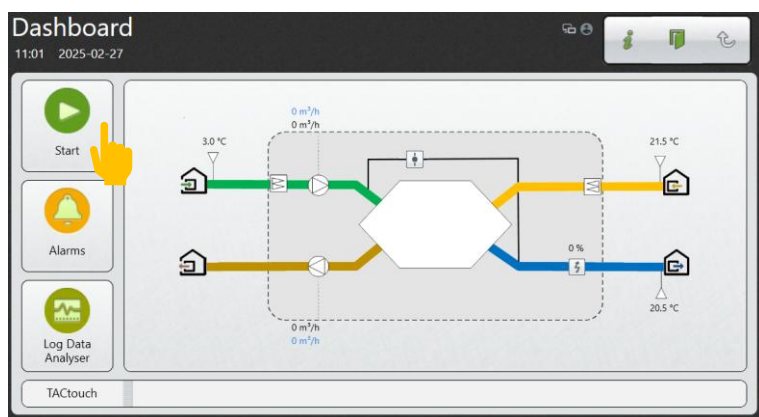


“Contacts K1-K2-K3 Master”:

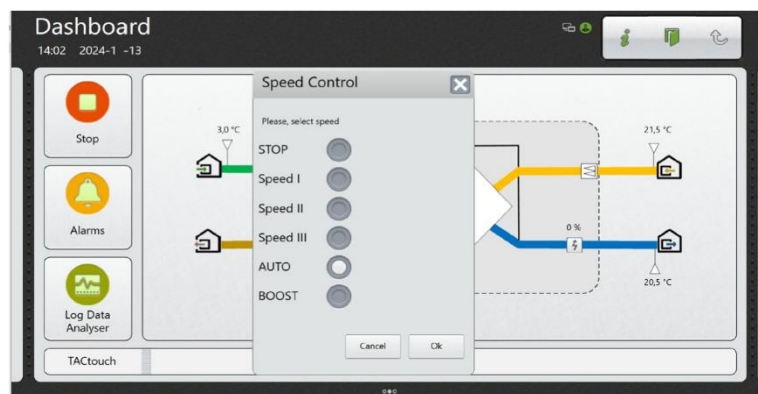
Select OFF if the units will be turned off and on via the TAC Touch (TAC Touch as Master)

Select ON if the unit will be turned on and off, via external contacts on K1-K2-K3, directly on the electric board (TAC Touch as slave or not installed). Please refer to the operation manual for more information

7. Start-up



7.1. Start-up if Constant AirFlow control is selected



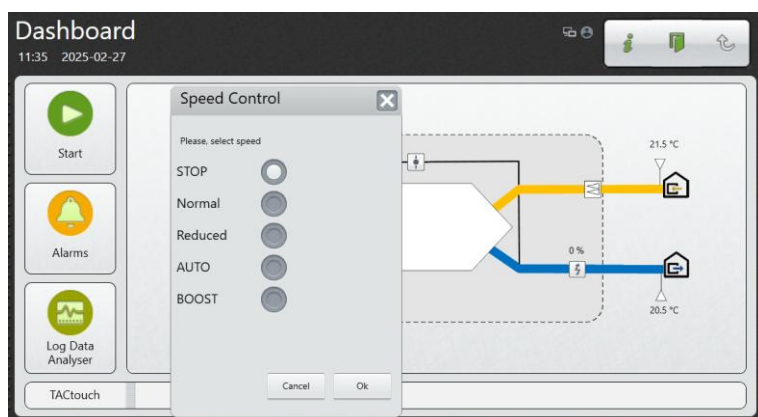
Select STOP to stop the unit

Select Speed I, II or III according to the configured settings

Select AUTO to let the unit work according to the time schedule. For more info refer to operation manual

Select BOOST to let the unit work according to Boost parameters. For more info refer to operation manual

7.2. Start-up if Demand control mode or Constant pressure is selected



Select STOP to stop the unit

Select Normal to let the unit run according to configured parameters

Select Reduced to let the unit run according to "reduction factor" in "commissioning settings"

Select AUTO to let the unit work according to the time schedule. For more info refer to operation manual

Select BOOST to let the unit work according to Boost parameters. For more info refer to operation manual



[Read the full function manual](#)