

IVT heat pumps via K 40 gateway - Commissioning

This brief installation instruction provides a quick overview of all the necessary steps. Additional information, safety instructions, references, and sources can be found in our [HelpCenter](#). The Installation instructions are only valid for the integration of the energy management system and the configuration of relevant assets. Make sure to carefully read the **safety instructions** and adhere to the **infrastructural requirements for a gridBox gateway installation**.

Required:

- the latest firmware, at least NF47.12



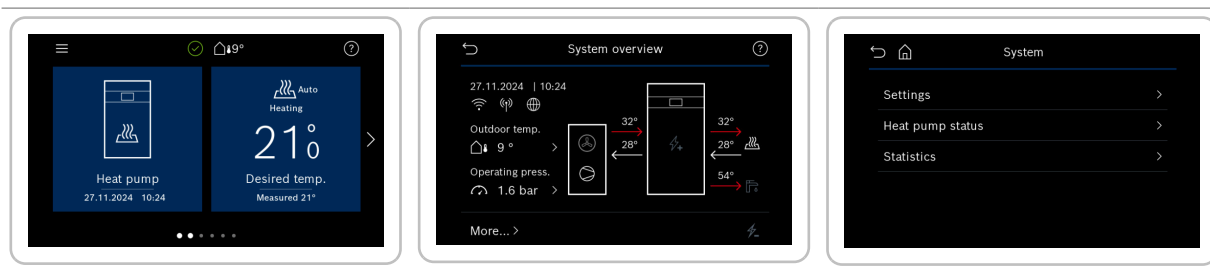
This system connects to models listed in the following table.

IVT	LPC, MPC	OHPCF*
AirX 500	x	x
-	x	x
AirX 400	x	
AirX 400S	x	
AirSplit 300	x	
Geo 600	x	

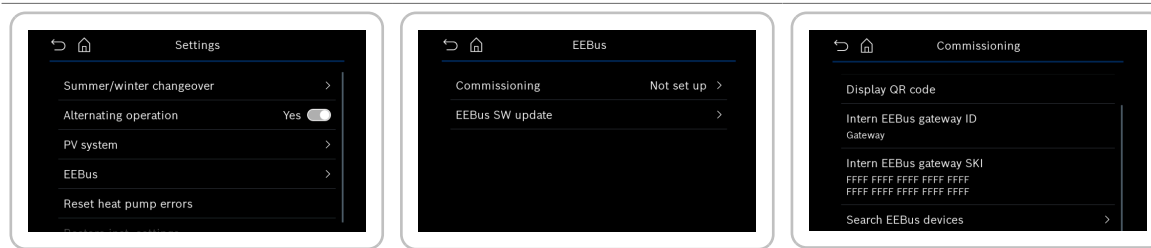
* The OEM implemented LPC signals in a way that LPC signals below 4.2 kW are ignored by the supported heat pump.

Configuration

1. In the main menu, click on the heat pump area on the left
2. In the **system overview**, click on **More**.
3. In the **system** view, click on **Settings**



1. Scroll down to **EEBus** and click on it.
2. In the EEBus view, if the commissioning is not yet set up, click on **Commissioning**.
3. Scroll down and click on **Search EEBus devices** to start the scan.

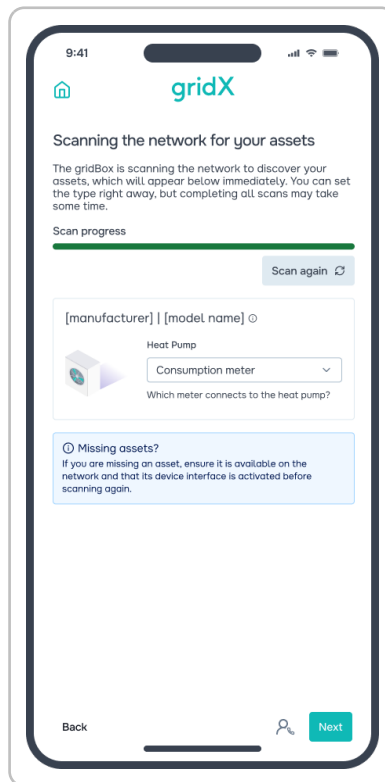


1. When the scan is finished, click on the gridBox to select it.
2. Check the details of the selected device and click on **Next** if this matches your information.
3. Wait for the coupling process to finish.
4. Check whether the connection was successful and finish activating the EEBus interface.

Register the heat pump in the commissioning wizard

After the commissioning of the heat pump, follow the gridBox commissioning steps. If the heat pump is found during the scan, it is displayed in the wizard.

1. Depending on how the heat pump is connected, select
 - **Consumption meter**, if it is connected directly to the household meter or
 - **Additional meter**, if the heat pump meter is located somewhere else than the household meter.



2. To initiate pairing, click the **Pair** button. The button then changes to show the **Cancel** option.
3. The pairing is successful when the button changes to **Decouple**.

