Manuals+

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sinope HP6000ZB Local Interlocking Kit Instruction Manual 📄
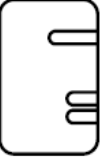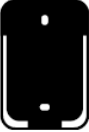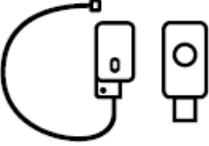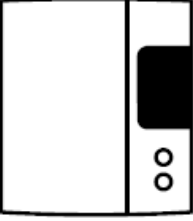
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sinope HP6000ZB Local Interlocking Kit

Kit Contents

- 1x GT130 Gateway with power supply to be permanently plugged into a 110 V electrical outlet.

- 1 x Wall Mount for Gateway (AC125-01)

- 1 x Ductless heat pump interface (HP6000ZB-GE, HP6000ZB-MA, or HP6000ZB-HS) – to be installed on a compatible heat pump*

- 1 x Smart Thermostat for Electric Heating (TH1124ZB) – to be installed by a certified electrician

Description

- This kit provides a turnkey cooling and electric heating interlocking solution that works without an Internet connection. All devices are pre-paired and pre-programmed by Sinopé Technologies to ensure a quick and easy installation.
- **Main Function**: Interlocking prevents the electric heating and cooling systems from running at the same time in a same room. The devices in the set are inseparable, and each one shares the same reference number.

Operation

Heat Pump Control: The customer uses the remote control of their heat pump.

Zigbee Communication Between Devices:

- The HP6000ZB interface, connected to the heat pump, transmits its status to the GT130 Gateway.
- The Gateway then communicates this information to the TH1124ZB thermostat.

Device Coordination:

- When the heat pump is in cooling mode, the thermostat automatically switches to off mode.
- In heating, fan, or off modes, the thermostat can activate the heating system without interfering with the heat pump.

Specific Scenarios

Loss of Communication or Malfunction:

- In case of an issue with the HP6000ZB interface or the heat pump, the thermostat allows the activation of heating for safety reasons.

Thermostat Display in Cooling Mode:

- If the heat pump is in cooling mode and the customer interacts with the thermostat, the screen will display "OFF" to indicate that the heating system is deactivated. If the customer manually adjusts the temperature setpoint, the heating system will briefly

activate but will turn off within a maximum of 30 minutes if the heat pump remains in cooling mode.

Optional Internet Connection

If the customer connects the GT130 Gateway to the Internet and creates an account on the Neviweb by Sinopé app:

- The interlocking settings are preserved.
- The customer can integrate additional thermostats in the home into the system.

Compatibility:

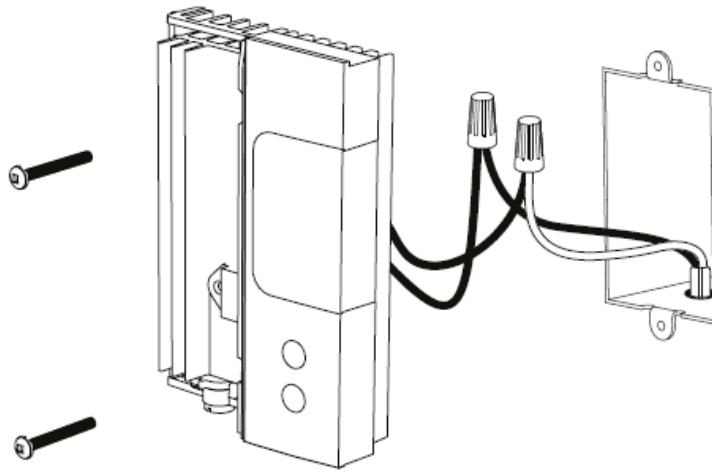Check device compatibility before installation.
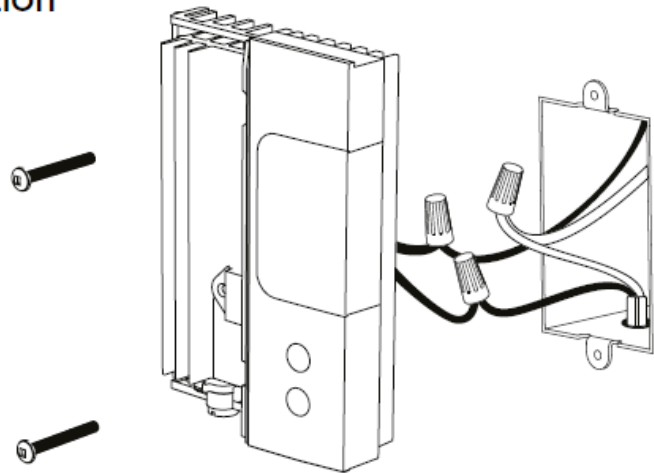

Installation of local Interlocking Kit

The devices are pre-programmed at the factory and only need to be installed.

1. **Thermostat installation**
   - **Warnings** This thermostat must be installed by a certified electrician in accordance with local and national electrical codes.
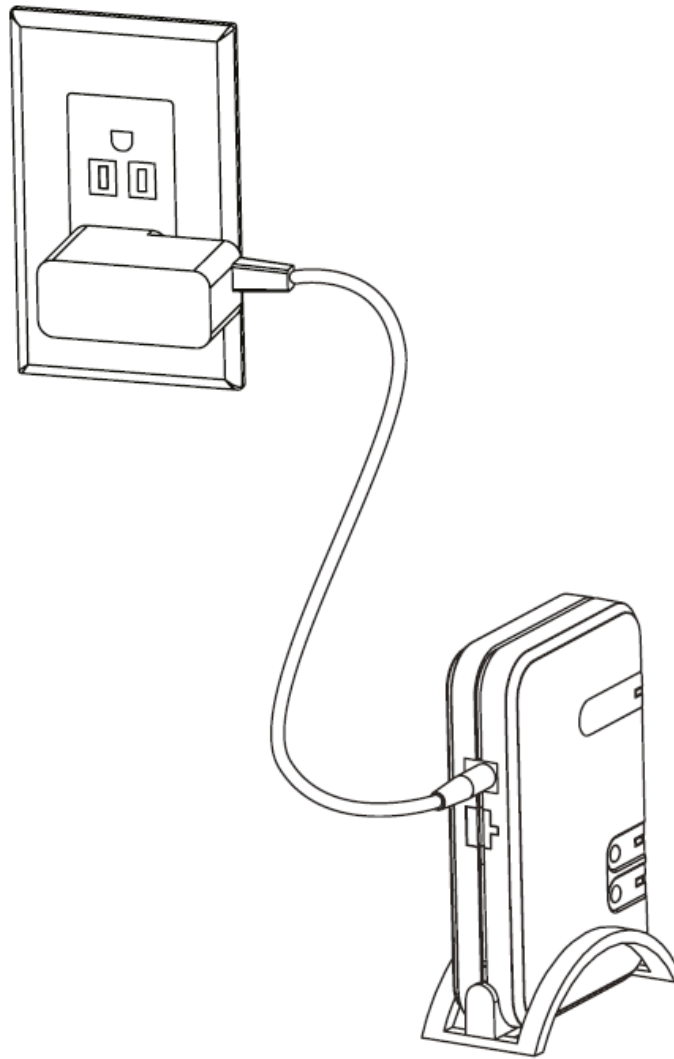
Two-Wire Installation

The wires are non-polarized.

Four-Wire Installation

2. **GT130 Gateway Installation**

1. Place the gateway in the unit's communication panel or near the Wi-Fi router if the occupant wants to connect the system to Wi-Fi.

2. Plug the gateway into a power outlet (110 V).

- **Ductless Heat Pump Interface Installation**
- 3A – GREE or Hisense compatible models. (HP6000ZB-GE-K3 or HP6000ZB-HS-K3 kits)
- 3B – Midea compatible models. (HP6000ZB-MA-K3 kit)

3. **Interface installation**
   - **Warnings** The installation of the ductless heat pump interface must be performed by a qualified professional. An incorrect installation may result in injuries and/or property damage. Before starting the interface installation, ensure that the electrical powerto the ductless heat pump is turned off at the electrical panel to avoid the risk of electric shock.

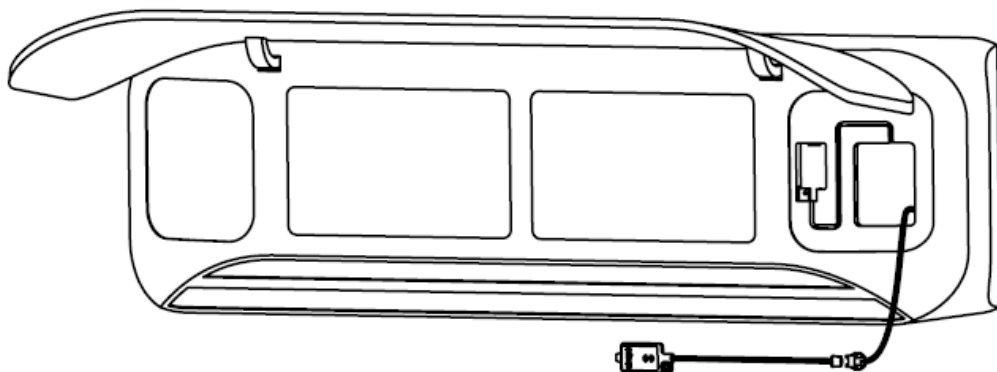**GREE or Hisense Compatible Models**
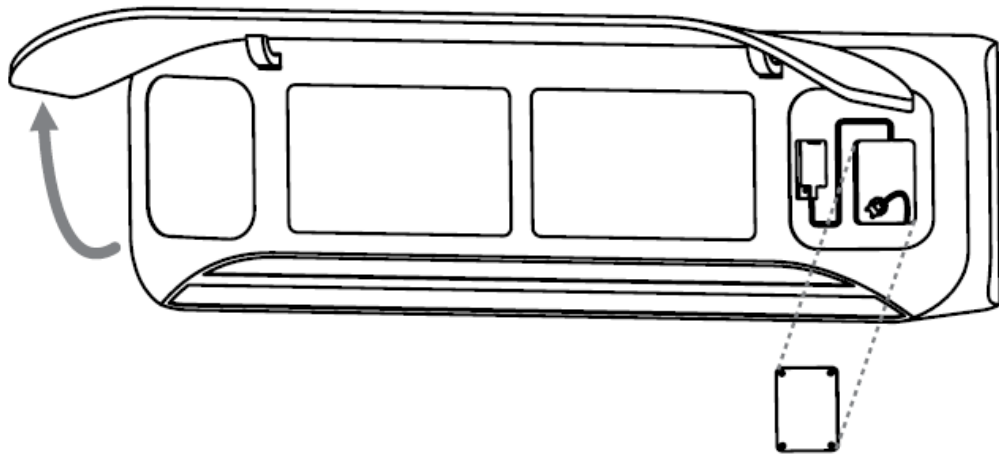
1. **Open the front panel of the**
   - wall unit. Remove the screw(s) to gain access to the electrical, then remove the cover. Locate the connector and Wi-Fi cable.
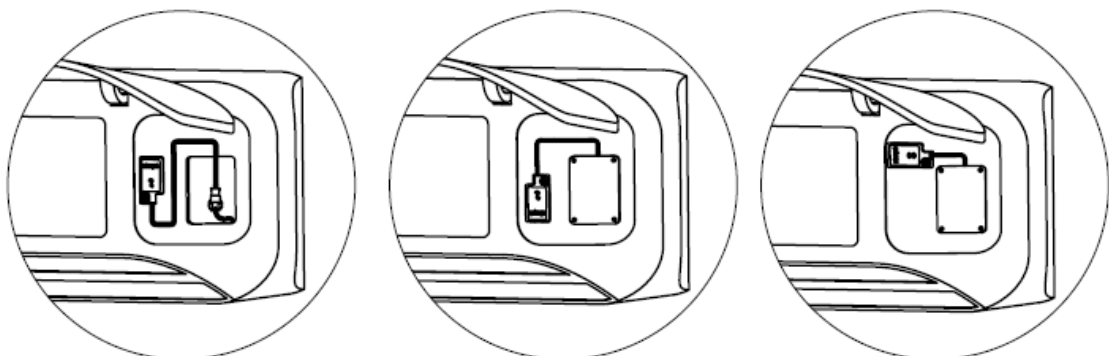2. **Remove cable tie.**
   - Insert the interface wire into the electrical box and connect it to the device's Wi-Fi connector.
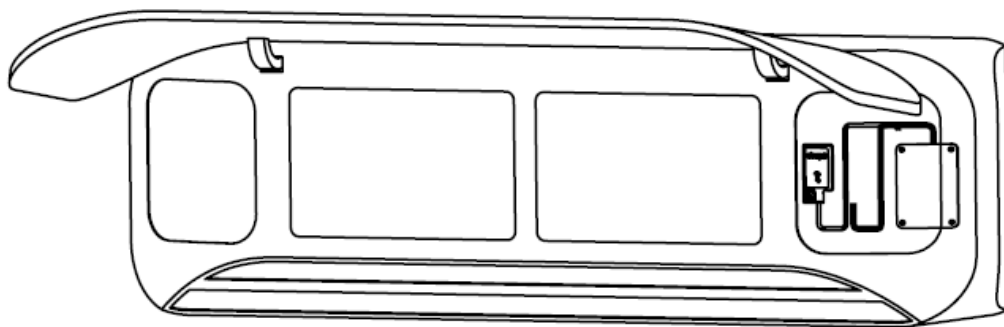

3. **Place the interface on the mounting location**.
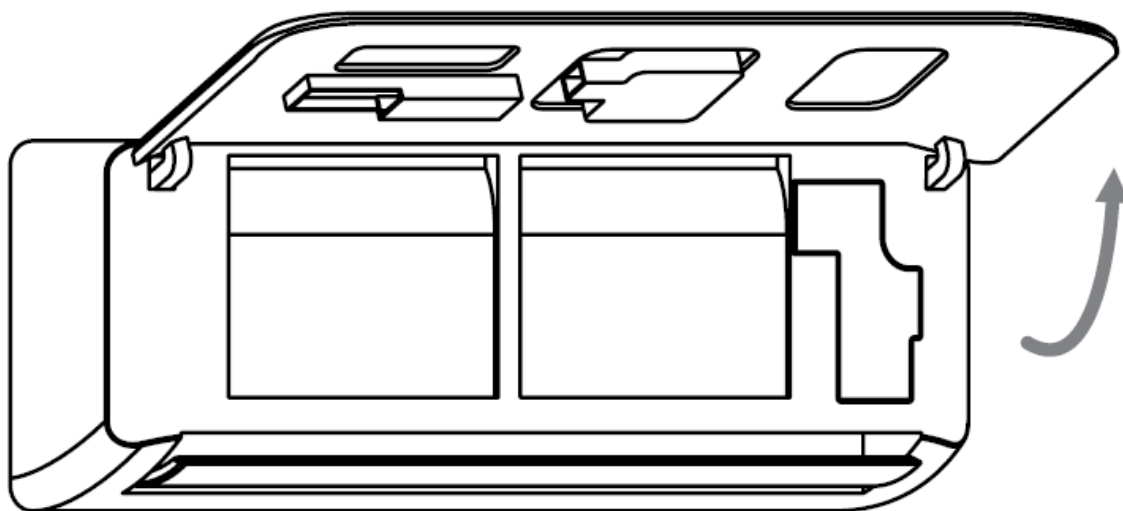   - Secure the interface with the screw supplied.

   - **Note**: The Wi-Fi module wire must be routed through the wire channel; otherwise, the electrical box cover will not close properly.
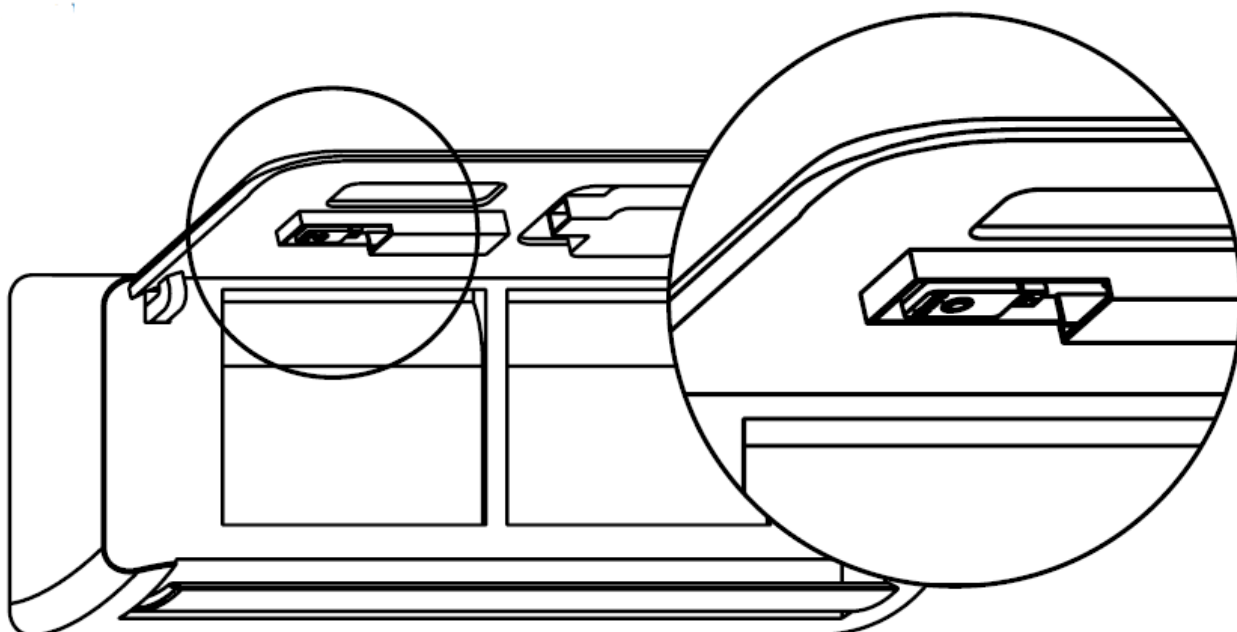
4. Replace the electrical box cover and secure it with a screw. Restore the power to the wall-mounted heat pump.

Midea Compatible Models

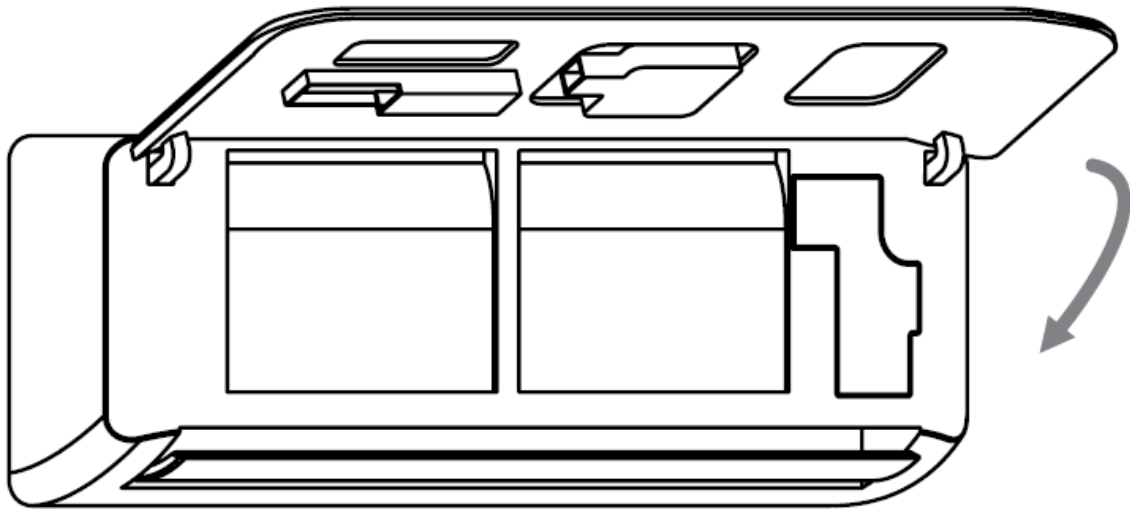1. Open the front panel of the wall unit.

2. Insert the interface into the dedicated port on the wall unit cover.

Add the supplied adapter if required by the heat pump model.

3. Close the wall unit cover. Restore the power to the wall-mounted heat pump.

MORE INFORMATION

Transmitter Modules

- **Thermostat**: IC: 5123A-GM210P / FCC ID:QOQGM210P
- **Wall-Mounted Heat Pump Interface**: IC: 5123A-GM210P / FCC ID: QOQGM210P
- **Gateway**: IC :22394-ZBM1501/FCC ID:2AK2T-ZBM1501 / IC :21098-ESPWROOM32/FCC ID:2AC7Z-ESPWROOM32

Controlling this HomeKit-enabled accessory automatically and away from home requires a HomePod, Apple TV, or iPad set up as a home hub. It is recommended that you update to the latest software and operating system. Use of the Works with Apple badge means that an accessory has been designed to work specifically with the technology identified in the badge and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. HomeKit is a trademark of Apple Inc. Neviweb® is a registered trademark of Sinopé Technologies Inc. in Canada and the United States. Apple and the Apple logo are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc., registered in the U.S. and other countries. Google Play and the Google Play logo are trademarks of Google Inc. The Wi-Fi CERTIFIED™ Logo is a certification mark of Wi-Fi Alliance®.

ISED Canada compliance statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with

Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- This device may not cause interference.
- This device must accept any interference, including interference that may cause undesired operation of the device

FCC

FCC compliance statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment OFF and ON, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
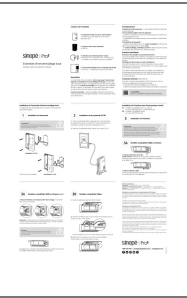
CONTACT INFORMATION

- 1 855 741-7701
- sales@sinopetech.com
- sinopetech.com

FAQs

- **Q: Do I need an internet connection for the local interlocking kit to function?**
  - A: No, the local interlocking kit operates without requiring an internet connection.
- **Q: Can I adjust the temperature settings manually on the thermostat?**
  - A: Yes, you can manually adjust the temperature settings on the thermostat. However, ensure that the heat pump is not in cooling mode to activate heating properly.

Documents / Resources

[sinope HP6000ZB Local Interlocking Kit](#) [[pdf](#)] Instruction Manual HP6000ZB, HP6000ZB Local Interlocking Kit, Local Interlocking Kit, Interlocking Kit

References

- [User Manual](#)

HP6000ZB, HP6000ZB Local Interlocking Kit, Interlocking Kit, Local Interlocking Kit,
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