

From HVAC interlock to energy optimization

Our energy-efficient solutions for controlling heat pumps and baseboard heaters in multi-residential projects



sinopé | Pro

Local Interlocking Kit



This turnkey solution, connected to the Internet via the Sinopé Smart Systems* platform, allows the heat pump to be prioritized according to its efficiency, in addition to turning off the heating in all rooms if the air conditioning is activated. It includes the following devices, which will be configured for the project:

A1 Wi-Fi Kit



1 Wi-Fi Ductless Heat Pump Interface - HP6000WF series

1 Wi-Fi smart line-voltage thermostat for baseboard heaters (120/240V) - TH1134WF

SKU	Designation
HP6000WF-MA-K2	Standard Wi-Fi Local interlocking kit for compatible MIDEA ductless heat pumps
HP6000WF-TCL-K2	Standard Wi-Fi local interlocking kit for compatible TCL ductless heat pumps

*Also available in kits containing 2 to 4 thermostats (see details in the following table).

A2 Zigbee Kit



1 Zigbee gateway to enable communication between the 3 devices - GT130

1 Zigbee ductless heat pump interface - HP6000ZB series



Zigbee smart line-voltage thermostats for baseboard heaters (120/240V) - TH1123ZB or TH1124ZB

SKU	Designation
HP6000ZB-GE-K3	Zigbee local interlocking kit for compatible GREE ductless heat pumps
HP6000ZB-HS-K3	Zigbee local interlocking kit for compatible HISENSE ductless heat pumps



Energy Optimization Solution



This turnkey solution, connected to the Internet via the Sinopé Smart Systems* platform, prioritizes heat pump heating based on its efficiency while also shutting off heating in all rooms when the air conditioning is activated. It includes the following devices, which will be configured for the project:



1 Zigbee gateway to enable communication between the 3 devices - GT130



1 Zigbee smart line-voltage thermostat with indirect control of ductless heat pump (120/240V) - TH1134ZB/HC



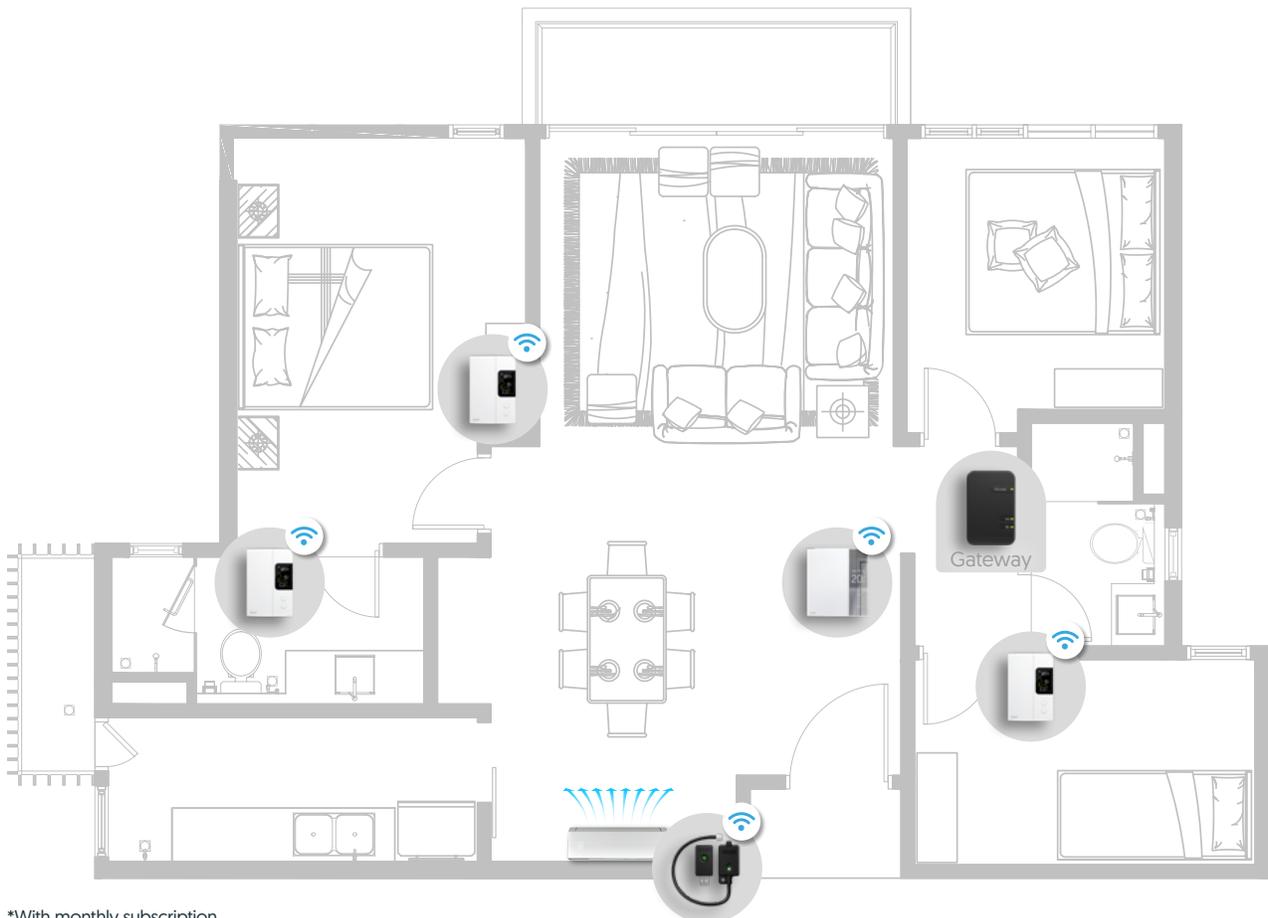
1 Zigbee ductless heat pump interface - HP6000ZB series



Zigbee smart line-voltage thermostats for baseboard heaters (120/240V) - TH1123ZB or TH1124ZB

How the solution works

- 1 Factory-set and configured, the system automatically optimizes heating sources by prioritizing the ductless heat pump over the baseboard heaters based on the outdoor temperature. This significantly reduces the building's energy consumption while ensuring resident comfort. With this solution, residents only need to use the Sinopé thermostat [there is no need for the heat pump remote control].
- 2 Interlocking air-conditioning and baseboard heaters in all rooms avoids wasting energy while complying with local regulations [for the provinces concerned].



*With monthly subscription

	A1 Wi-Fi Local Interlocking Kit	A2 Zigbee Local Interlocking Kit
Applications	Multi-residential (Condos or Rentals) Commercial Institutional	Multi-residential (Condos or Rentals) Commercial Institutional
Interlocking Heating/Cooling	 (only per room with ductless head)	 (only per room with ductless head)
Sinopé devices included	Integrated factory pre-programmed standard kit including: HP6000WF + TH1134WF (4000W) <small>*Kits containing more than one thermostat include one TH1134WF thermostat (4000W) and additional TH1133WF thermostats (3000W).</small>	Integrated factory pre-programmed kit including: HP6000ZB + TH1124ZB (4000W) + GT130
Quote	1 kit per ductless heat pump head	1 kit per ductless heat pump head
Compatible heat pumps		
Communication between devices	Wi-Fi protocol (wireless)	Zigbee protocol (wireless)
Internet connection required	No	No
Heat pump remote control required	Yes (The thermostat only controls the electric baseboard heater.)	Yes (The thermostat only controls the electric baseboard heater.)
Prioritizing heat pump heating		
Energy efficiency tools (setpoint limitation, heating shut-off based on outdoor temperature, etc.)		
Remote control	 (Possibility of upgrade for the customer later on)	 (Possibility of upgrade for the customer later on)
Remote monitoring of buildings & equipment		
Remote apartment management (away/present mode)		
Management platforms	No (Possibility of upgrade for the customer later on)	No (Possibility of upgrade for the customer later on)

B Energy Optimization Solution*

Applications	Multi-residential (Rentals) Commercial Institutional
Interlocking Heating/Cooling	 [possible in all rooms]
Sinopé devices included	Project-specific solution to be programmed at the factory, including: HP6000ZB + TH1134ZB/HC (4000W) + Other Zigbee thermostats (TH1123ZB - 3000W or TH1124ZB - 4000W) + GT130
Quote	Global project solution [contact your Sinopé representative]
Compatible heat pumps	
Communication between devices	Zigbee protocol (wireless)
Internet connection required	Yes
Heat pump remote control required	No (The TH1134ZB/HC thermostat is the only user interface.)
Prioritizing heat pump heating	
Energy efficiency tools (setpoint limitation, heating shut-off based on outdoor temperature, etc.)	
Remote control	
Remote monitoring of buildings & equipment	
Remote apartment management (away/present mode)	
Management platforms	Yes Sinopé Smart Systems* [& the Sinopé Neviweb app shareable for tenants]

*With monthly subscription

Platforms

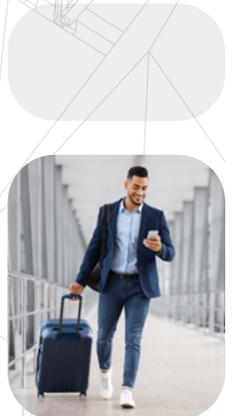


The Sinopé Smart Systems integrated management platform is a powerful interface allowing building managers to monitor and control all Sinopé devices in residential units and common areas, enabling more efficient management of the building's energy consumption.

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The Sinopé Neviweb app is an intuitive interface that allows residents to control their Sinopé smart devices, while maximizing comfort and savings. Users can remotely manage energy-efficient devices to optimize their consumption, thanks in particular to the Éco Sinopé feature that enables them to take full advantage of electricity suppliers' energy efficiency programs.



Other solutions

Sinopé offers several other integrated solutions to control and protect your buildings, in addition to reducing their energy costs. From water damage protection systems to heating and lighting, Sinopé devices can meet your needs regardless of the size of your project.

We create tailor-made, complete ecosystems that can make your entire building smart with high-quality devices.



Smart thermostat for central system

TH6250WF



Smart adaptive phase dimmer

DM2550ZB



Calypso - Smart water heater controller

RM3500ZB



Water damage protection system

WL4210 - VA4220WF



Smart plug

SP2600ZB

