



Complies with the National Building Code of Canada



From HVAC interlock to energy optimization

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



sinopé

Solution

A

Local interlocking kit

This turnkey, non-internet-connected solution*, prevents heating and air conditioning from being activated simultaneously in a given zone. The kit includes the following factory pre-programmed devices that will communicate with each other wirelessly:



1 Zigbee ductless heat pump interface



1 Zigbee gateway to enable communication between the devices



Zigbee smart line-voltage thermostat for electric baseboard heaters (120/240V)



SKU	Designation
HP6000ZB-GE-K3	Local interlocking kit for compatible GREE ductless heat pumps
HP6000ZB-MA-K3	Local interlocking kit for compatible MIDEA ductless heat pumps
HP6000ZB-HS-K3	Local interlocking kit for compatible HISENSE ductless heat pumps

Solution

B

Energy optimization solution

This turnkey solution prioritizes heat pump heating based on its efficiency while also shutting off heating in all rooms when air conditioning is activated, thus avoiding wasted energy while complying with local regulations (for the provinces concerned). The system includes the following project-configured devices:



1 Zigbee gateway to enable communication between devices - GT130



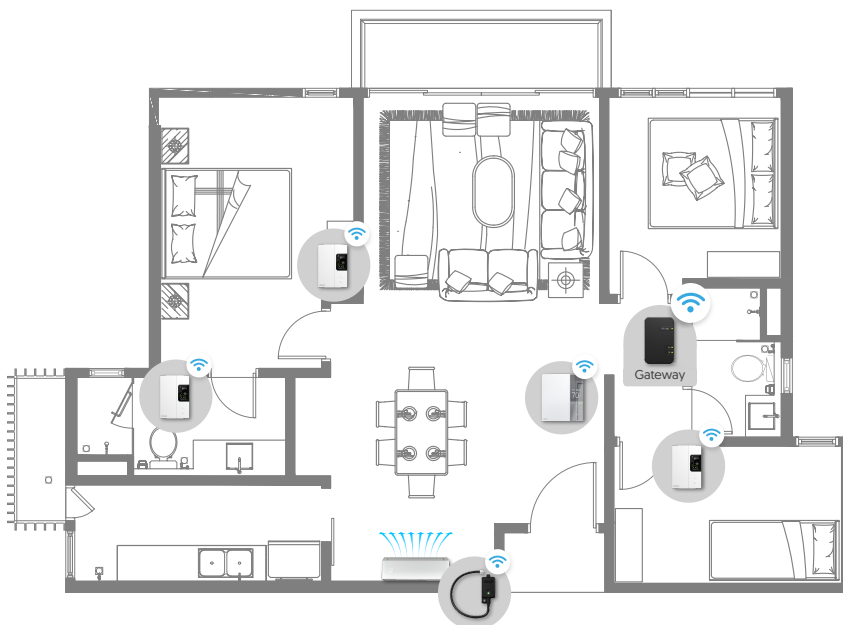
Zigbee smart line-voltage thermostat with indirect control of ductless heat pump - TH1134ZB/HC



1 Zigbee ductless heat pump interface - HP6000ZB series



Zigbee smart line-voltage thermostats for electric baseboard heaters - 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).

*Required by the Quebec building code.

	A Local interlocking kit	B Energy optimization solution**
Applications	Multi-residential (condos or rentals)	Multi-residential (rentals)
Interlocking Heating/Cooling*	 (only per room with ductless head)	 (possible in all rooms)
Sinopé devices included	Integrated factory pre-programmed kit including: HP6000ZB - TH1124ZB - GT130	Solution per project to be programmed in the factory including: HP6000ZB - TH1134ZB Other Zigbee thermostats (TH1123ZB or TH1124ZB) GT130
Quote	1 kit per ductless heat pump head	Global project solution (contact your Sinopé representative)
Compatibles heat pumps		
Communication between devices	Zigbee protocol (Wireless)	Zigbee protocol (Wireless)
Internet connection required	No	Yes
Heat pump remote control required	Yes [The TH1124ZB thermostat only controls the electric baseboard heater.]	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	 (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)	Yes Sinopé Smart Systems [& Neviweb shareable for tenants]

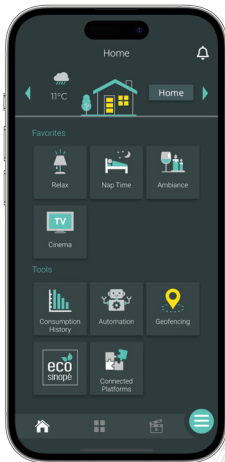
*Mandatory, especially in Quebec, under the National Energy Code for Buildings [NECB] for residential buildings over 3 stories or 600 m2 and commercial, institutional, and industrial buildings.

**With a 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.



The 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.

sinopé

Smart solutions for connected buildings

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

