

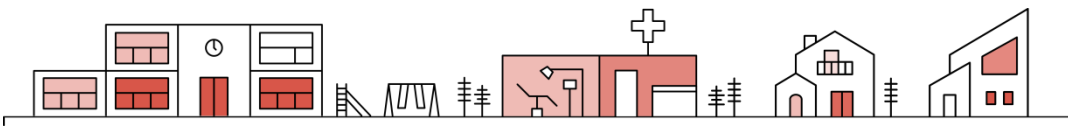


# ZONING

## At Home

Full installation for homes.  
Heating





**Zoning** offers the possibility of heating the areas in a same building with a single hot water generating unit, adjusting the temperature of the different rooms to the tastes of each occupant, as well as turning off the heating in unoccupied zones.

Using a thermostat in each zone allows you to increase the comfort of the occupants while also reducing power consumption.

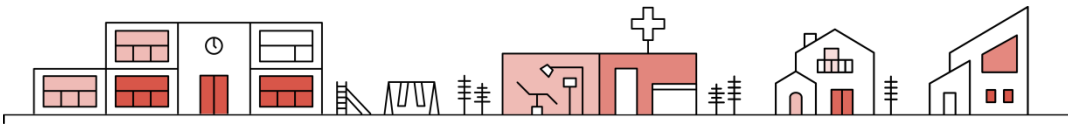


In a **zoned** heating system, **thermostats** are installed in each of the zones that require heating, **thermostatic valves** are installed in the supply (or return) manifold in the water circuit (*for radiators or radiant flooring*) along with a **central control unit** to manage the entire system.

**Thermostats** measure the temperature in each room, the control unit processes the information received and then acts on the thermostatic valves and on the boiler's ON/OFF switch, creating the temperature that each user wants at any time, with minimum consumption.

The **NTC sensors** of the boiler and the water circuit (obligatory for radiant flooring), protect the installation from excessively high water temperatures.





# ZONING

## ± °C

Control the temperature in each room independently.

Separately turn off and turn on in each zone



## ECO

Activate the ECONomic mode in temporarily unoccupied zones.

Program the start up and turn off times in each zone each week.



Block the thermostats to avoid unwanted manipulation



Limit the minimum and maximum temperature in each zone.

## MASTER

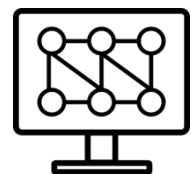
Control the air conditioning equipment from the MASTER thermostat using

**What can I do with my ZONING System?**



Set the parameters of the system to select the temperature adjustments in each zone and adapt them to your needs

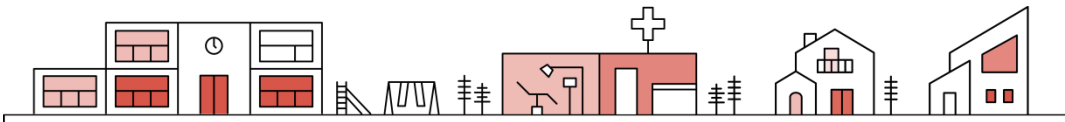
Integrate your ZONING equipment with other **DOMOTIC** devices



Using Madel's **CLOUD** interface. You will be able to remotely control your system and add other functionalities.







## What do you need for your zoning system?

### 01 A CENTRAL CONTROL STATION



ZiTY Central control unit



ZOE-RC  
Radio Thermostat



ZEBRA  
Cable Thermostat

### 02 See how many independent zones you want to control and select one THERMOSTAT for each of them.

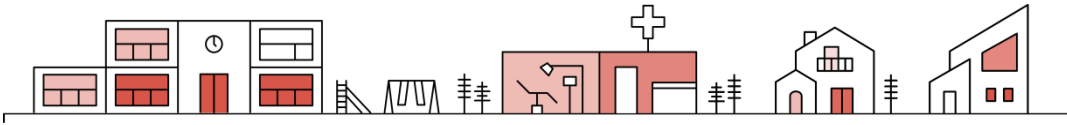
### 03 Add a protective NTC sensor for radiant floor installations.



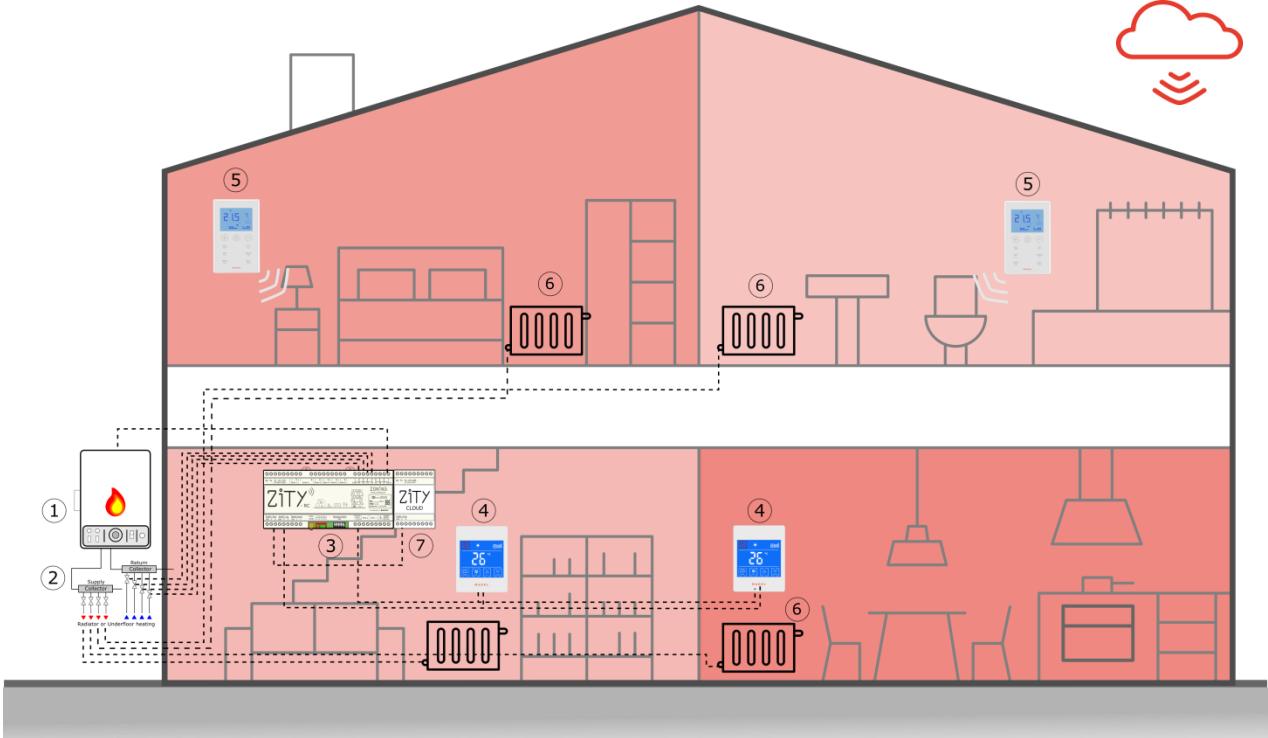
### 04 Finally, select whether you wish to control the equipment through the remote control INTERFACES .

### 05 Now you have everything you need to enjoy a Zoning System for Zoned Heating.





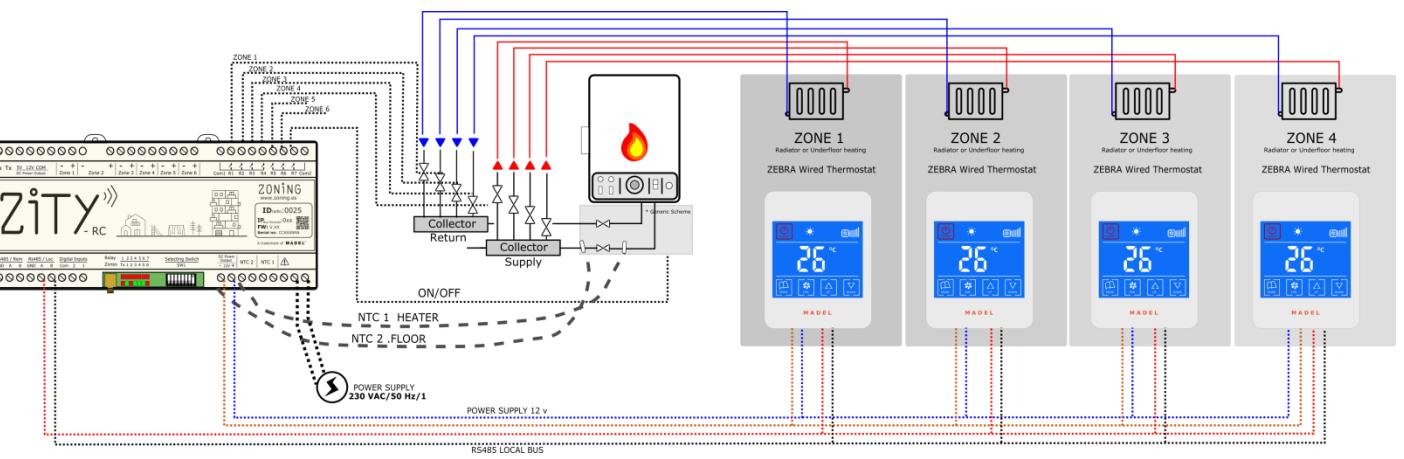
## Home S2: Heating by zones. Radiators or radiant flooring



- |                               |                                  |
|-------------------------------|----------------------------------|
| 1 Boiler                      | 4 ZEBRA Cable Zone Thermostat    |
| 2 Thermostatic valve manifold | 5 Radiators or radiant floor     |
| 3 ZITY Central control unit   | 6 NETBOX Communication Interface |

### Wiring diagram

For standard cable installation. ZITY-W and ZEBRA thermostat.





# ZONiNG

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ZONiNG is a brand of **MADEL**