



**zclim**

by ingenium

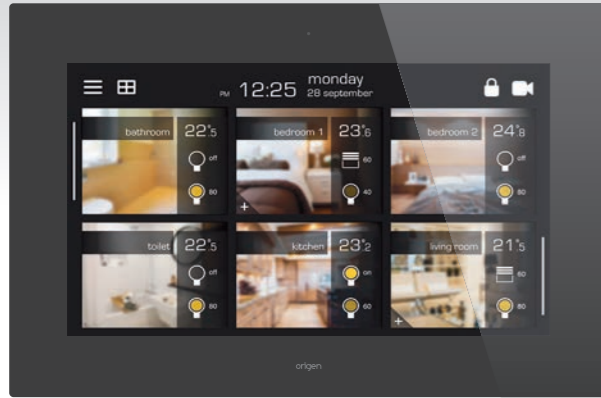
The complete solution  
in **climate control**  
by zones



BUSing®

KNX®

ZBUS.



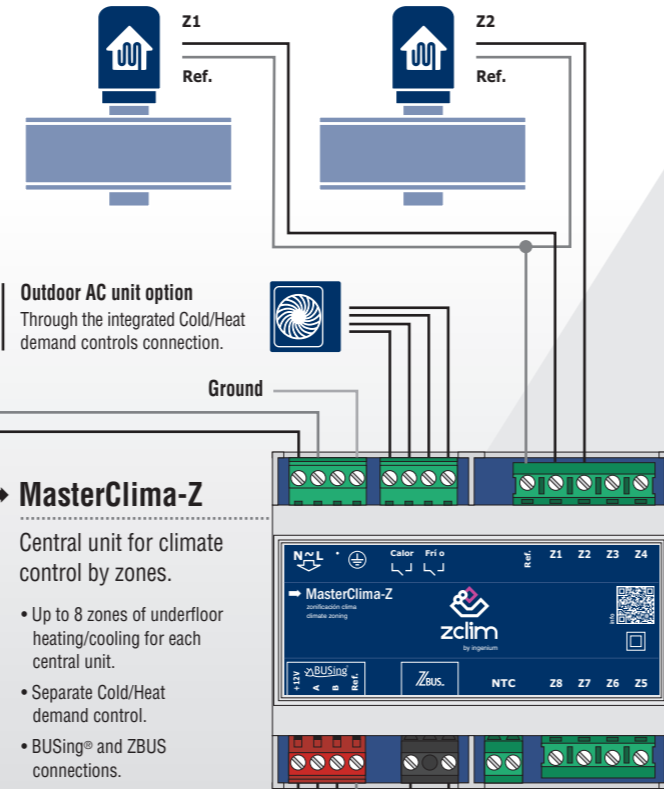
## Radiant floor

...up to 8 zones

## Air conditioner

Electrovalve Zone 1      Electrovalve Zone 2

Indoor AC unit Zone 1      Indoor Fancoil unit Zone 2



### MasterClima-Z

Central unit for climate control by zones.

- Up to 8 zones of underfloor heating/cooling for each central unit.
- Separate Cold/Heat demand control.
- BUSing® and ZBUS connections.

**BUSing®**

4-wire cable  
[+12V, A, B, Ref.]

**ZBUS.**

2-wire cable  
without polarity

Indoor AC units  
and thermostats of each zone.

### Zone Controllers

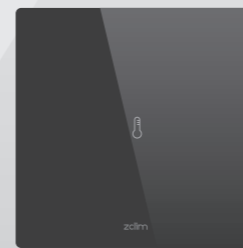
#### Gateway-Z

AC gateways  
Different brands support:  
Daikin, LG, Mitsubishi,  
Panasonic, Midea...

#### Fancoil-Z

Fancoil unit  
controller  
Available in a  
3-speed version, or  
for 0-10V DC signal.

### Cubic-TZ



Zone  
thermostats

Available with  
or without  
display.



### Cubic-TLZ



### KNX® gateway

Allows communication of  
any KNX device/network  
with the climate system.



**KNX®**

2-wire cable  
[-, +]

### VIIP BUSing®/KNX®

Touch screen + web server



The system allows you to control the installation using our touch screens and applications for mobile devices.

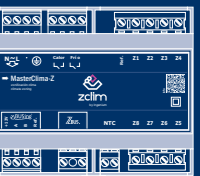
## Remote access



# The complete solution in climate control by zones

Our system automatically manages all the elements of a climate installation, so the user can simply choose the desired temperature.

The **MasterClima-Z** unit is responsible for facilitating the entire zoning process. It has BUSing® and ZBUS connection.



**ZBUS.**

The new ZBUS connection simplifies the installation of zone thermostats and gateways for indoor AC units, thanks to its simple two-wire system with no polarity.

**BUSing® + KNX®**

Through BUSing® and KNX® communications protocol, the installation can be completed with a wide range of control devices.

It allows home automation integration with other smart house elements (lighting, shutters...) and remote control devices such as touch screens, mobile, tablets...



ingenium

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