

# Digital programmable thermostats

## HIPNOS

### DIMENSIONS (mm)

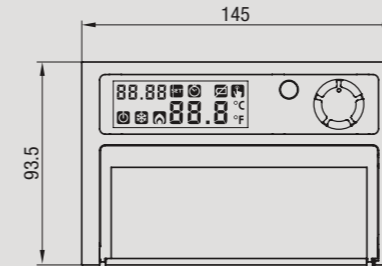
### CONNECTION DIAGRAM

Wall-mounting daily programmable thermostat. Temperature programming for each hour of the day by means of practical cursors, reaching as many as 15 different temperature levels. Handy and smart, it easily fits domestic environments.



- 1 Wide display showing time, temperature and operating status
- 2 Two different operating possibilities: automatic or manual, selectable with a button
- 3 Temperature regulation knob in manual operation
- 4 It can be fastened directly to the wall or on a 503 type box or similar box
- 5 24 temperature programming cursors: one cursor for each hour of the day, to choose 15 temperature levels
- 6 Guaranteed comfort and consumption control in both winter (heating) and summer (air conditioning)
- 7 Perfect balance among technology, design and ease of use

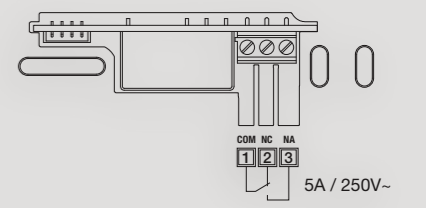
#### Front view



#### Side view



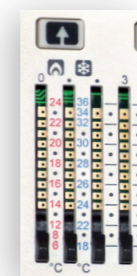
#### Diagram



## CLIMATE CONTROL

### WALL-MOUNTING DAILY PROGRAMMABLE THERMOSTATS

- Power supply: two 1.5 V batteries (type AA)
- ON/OFF and proportional type temperature regulation
- Intervention differential setting from 0.1 to 1°C (for ON/OFF regulation)
- Settable proportional band and regulation period (for proportional regulation)
- Antifreeze temperature setting: 1.0 ÷ 10.0 °C
- Regulation range: depending on the operating mode (cond., heat.)
- Two operating modes: summer, winter
- Viewing by LCD display
- Timings programs (for automatic, manual and OFF modes)
- Settable range: minimum 1 hour with delays of 15', 30' and 45' for each hour
- Bistable relay output with 5 A change-over contact (250 V AC)
- Flat batteries indicator



The cursor position indicates the temperature set for that hour. In heating mode the reference is the column with red numbers, in air conditioning mode is that with blue numbers.

### TECHNICAL INFORMATION

#### GENERAL CHARACTERISTICS

Battery power supply	V DC	2 x 1.5 V (AA)
Battery life	months	24
Charge reserve	min.	1
Fastened		Wall / 503 box
Relay capacity 250 V AC output	A	5
Programming		Daily
Summer / winter operation		YES
Temperature settings		15
Internal probe temperature measurement	°C	0 ÷ +50

Temperature regulation range:	
Automatic heat. (cond.) °C	+6 (+18) ÷ +24 (+36)
Manual heat. (cond.) °C	+6 (+18) ÷ +26 (+38)
Antifreeze °C	+1 ÷ +10
Gap between two temperature measurements	s 60
Regulation type	ON-OFF or propor.
Temperature resolution	°C 0.1
Differential	°C 0.1 ÷ 1
Protection	IP XXD
Operating temperature	°C 0 ÷ +50
Storage temperature	°C -10 ÷ +65
Programming resolution	h 1

Code	Model	Description	Colour	Power supply
VE013900	Hipnos	Daily programmable thermostat with cursors	White	Batteries
VE075800	Hipnos grigio	Daily programmable thermostat with cursors	Grey	Batteries

#### REFERENCE STANDARDS

Compliance with Community Directives: 2006/95/EC (Low Voltage) and 2004/108/EC (E.M.C.) is declared with reference to the following standards: • Safety: EN 60730-2-7 / EN 60730-2-9 • E.M.C.: EN 61000-6-1 / EN 61000-6-3