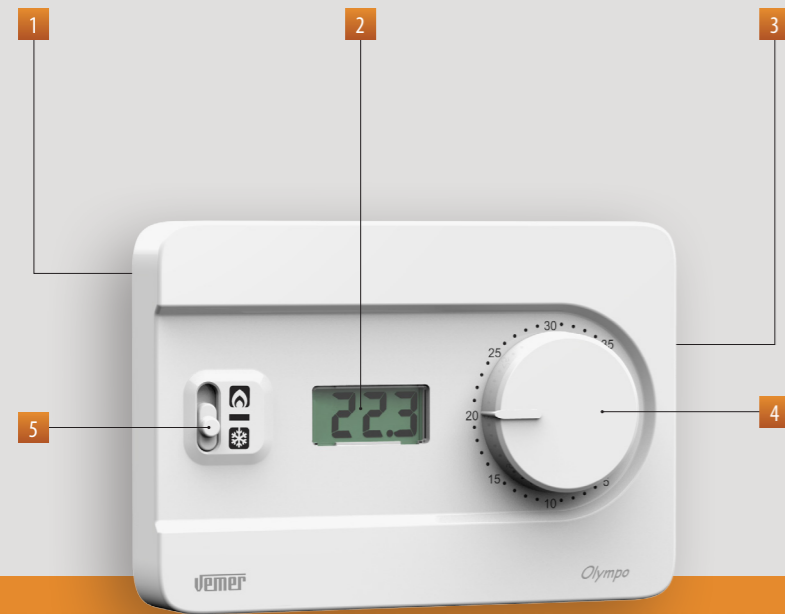


# Electronic thermostats

Series of electronic thermostats with wall installation designed for the control of ambient temperature both in heating and in cooling, available with AC and battery power supply.

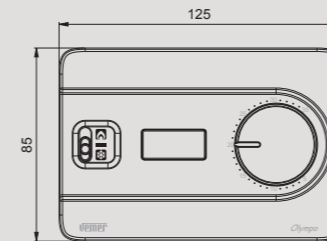


- 1 Wall installation or to cover 3 modules box (503 type)
- 2 Display to view the measured temperature and the programmed setup
- 3 Terminal block on the back of the instrument for the connection to the output relay, of the power supply (only for Olympo LCD 230) and of the auxiliary input (only for Olympo LCD)
- 4 Practical knob for temperature setting
- 5 Selector switch for the operation mode setting (heating/cooling/off)

## OLYMPO LCD

## DIMENSIONS (mm)

### Front view



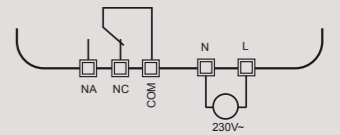
### Side view



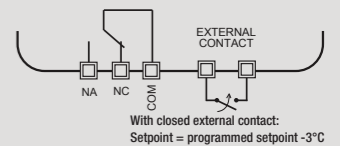
## CONNECTION DIAGRAM

### Diagram

#### Olympo LCD 230



#### Olympo LCD



## CLIMATE CONTROL

### WALL THERMOSTATS WITH KNOB

- Power supply:
  - 230 Vac 50/60 Hz for Olympo LCD 230 models
  - 2 x 1.5 V batteries (AAA type) for Olympo LCD models
- Heating (winter) / cooling (summer) / off regulation mode
- Off function with regulation on antifreeze temperature (fixed at 2°C)
- Temperature regulation of on/off or proportional type selectable by jumper
- Bistable output relay 5A/250 Vac
- Possibility to limit the settable values as setpoint through ring nuts placed under the knob
- Auxiliary digital input to reduce the setpoint of 3°C by external contact (only Olympo LCD)



## TECHNICAL INFORMATION

### GENERAL CHARACTERISTICS

#### Olympo 230 LCD

Power supply	V AC	230 (-15% ÷ +10%)
Frequency	Hz	50/60
Fixing		wall
Maximum cables section	mm <sup>2</sup>	1.5
Output relay capacity		5A / 250 V
Auxiliary input		-
Operating mode		summer/winter/off
Programmable setpoint	°C	5 ÷ 35
Differential	°C	0.3
Measured temperature resolution	°C	0.1
Measurement accuracy	°C	0.5
Antifreeze temperature	°C	2, fixed
Operating temperature	°C	0 ÷ 50
Storage temperature	°C	-10 ÷ 65
Operating humidity	RH	20% ÷ 90% non-condensing
Protection degree		IP40

#### Olympo LCD

Battery supply		2 x 1.5V (AAA)
Battery life	months	12
Fixing		wall
Maximum cables section	mm <sup>2</sup>	1.5
Output relay capacity		5A / 250 V
Auxiliary input		for setpoint reduction
Operating mode		summer/winter/off
Programmable setpoint	°C	5 ÷ 35
Differential	°C	0.3
Measured temperature resolution	°C	0.1
Measurement accuracy	°C	0.5
Antifreeze temperature	°C	2, fixed
Operating temperature	°C	0 ÷ 50
Storage temperature	°C	-10 ÷ 65
Operating humidity	RH	20% ÷ 90% non-condensing
Protection degree		IP40

Code	Model	Description	Colour	Power supply
VE757700	Olympo LCD Bianco	Wall electronic thermostat with LCD	White	Battery
VE757800	Olympo LCD Nero	Wall electronic thermostat with LCD	Black	Battery
VE757900	Olympo LCD 230 Bianco	Wall electronic thermostat with LCD	White	230 V~
VE758000	Olympo LCD 230 Nero	Wall electronic thermostat with LCD	Black	230 V~

### REFERENCE STANDARDS

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