Olympo LCD Nero

VE757800

Electronic thermostats / Climate Control



Battery-operated wall-mounted electronic thermostat with knob and LCD display. Device designed for room temperature regulation in heating mode (winter) and cooling mode (summer).

General features

- Plastic base for wall-mounted installation or for covering a 3-module flush-mounted box
- Display showing measured temperature
- Front knob for temperature setting
- 3-position selector switch for choosing operation: heating, air conditioning or off
- Terminal block on the back of the device for connecting load and external contact
- Temperature control: on/off (with adjustable differential) or proportional
- Anti-freeze temperature to prevent system freezing when the device is in OFF state
- Digital input for connecting an external contact to reduce the set temperature by 3 °C
- Possibility to limit the range of settable temperature values
- Classification according to point 6 of European Commission Communication 2014/C 207/02: class IV

Technical specifications

Power supply	
Power supply	2 batteries (AAA) 1.5 V Alkaline NOT rechargeable
Battery autonomy	12 months
Temperature settings	
Temperature setting range	5 ÷ 35 °C
Temperature setting range Antifreeze (Off)	2 (fissa) °C
Parameter settings	
Type of adjustment	ON-OFF or proportional
Differential/Hysteresis	0.3 °C (fixed differential)
Modes of operation	Summer Winter
Measure	
Temperature measuring range	0 ÷ +50 °C °C
Temperature display resolution	0.1 °C
Temperature measurement accuracy	0.5 °C
Operating conditions	
Operating temperature range	0 ÷ 50 °C

Vemer S.p.A. declines all responsibility for the use of the products for purposes other than those for which they are intended, as indicated in the technical documentation. Vemer S.p.A. reserves the right to make, without prior notice, such changes as may, in its sole discretion, improve the technical and functional characteristics of the products and the related production logic. The technical characteristics and images of the products indicated are given for information only and are not binding in any way, since they may be modified without prior notice.

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Operating conditions	
Relative humidity	20% ÷ 90% non-condensing RH
Storage temperature range	-25 ÷ 70 °C
Approvals and certifications	
Classification according to point 6 of Communication 2014/C 207/02 of the European Commission:	Class IV
Viewing	
Display	LCD
Inputs	
Digital input	✓
No. digital inputs	1
Auxiliary input features	For Setpoint reduction
Outputs	
Relay number	1
Relay type	Heat exchange
Relay capacity at 250 Vac	5 A
Terminations	
Maximum cable cross-section	1.5 mm²
Mechanical features	
Protection degree	IP40
Physical features	
Color	Black
Device command	Knob
Overall dimensions	
Height (A)	85 mm
Width (B)	125 mm
Depth (C)	33 mm

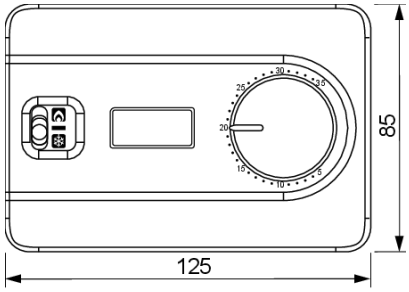
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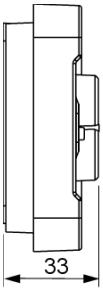
VE757800

Dimensions

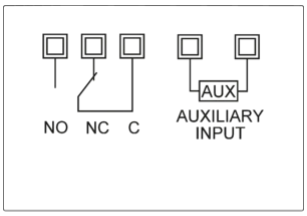
Front View



Side View



Wiring diagram



With external contact closed:

- Setpoint = Setpoint -3 °C

Product variants

Olympo LCD Bianco

VE757700

Battery-operated wall-mounted electronic thermostat with knob and LCD display.
Colour white

Reference standards

Compliance with Community Directives:

• 2014/35/UE (LVD) • 2014/30/UE (EMCD) • 2011/65/UE e 2015/863/UE (ROHS)

is declared with reference to the following Standards:

• EN IEC 60730-2-9 • EN IEC 63000

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