

# Digital programmable thermostats

## MITHOS

### DIMENSIONS (mm)

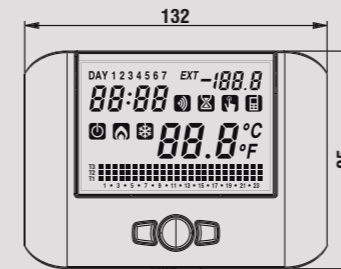
### CONNECTION DIAGRAM

Wall-mounting weekly programmable thermostat with 3 temperature levels adjustable for every hour of the day (plus antifreeze temperature) and selectable operation mode (heating or cooling).



- 1 Plastic base for wall-mounting or fastening on 503 type box (or similar)
- 2 Temperature control during the day
- 3 2 different programming possibilities:
  - Preset
  - Personalised
- 4 Power supplied with AA type 1.5V battery
- 5 Guaranteed comfort and consumption control in both winter (heating) and summer (air conditioning)
- 6 Wide display to view operating status, time and date, temperature inside and outside the environment
- 7 Keypad hidden behind the front panel for the adjustment of the programs and the temperatures
- 8 Inputs for additional probe and for phone activator (accessories)

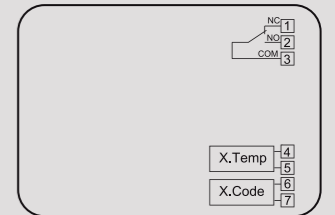
Front view



Side view



Diagram



## CLIMATE CONTROL

### TECHNICAL INFORMATION

#### WALL-MOUNTING WEEKLY PROGRAMMABLE THERMOSTAT

- 3 operation modes:
  - Automatic (on 3 temperature values)
  - Manual (with manual temperature)
  - Off (with antifreeze temperature)
- 5 temperatures adjustable independently:
  - 3 in automatic operation
  - 1 in manual operation (manual temperature)
  - 1 in off operation (antifreeze temperature)
- Programming:
  - 7 programs for operation in winter (adjustable)
  - 7 for operation in summer (adjustable)
- Off operation with antifreeze regulation (removable)
- Summer/winter operation
- Timed operation (manual, automatic, off)
- Minimum adjustment range: 1 hour
- Switching delay adjustable to 15, 30 or 45 minutes (independent for every hour)
- ON-OFF or PROPORTIONAL type temperature regulation
- Bistable relay output with 8 A change-over contact (250 V AC)
- Indication of battery charge level
- Key lock for installation in public places
- Automatic switch between CET / DST
- Option of regulation on external probe (accessory)
- Option of remote activation/deactivation through telephone actuator (accessory)



#### GENERAL CHARACTERISTICS

Battery powered	V DC	1 x 1.5 V (AA)
Battery life	months	24
Charge reserve	min	1
Fastened		Wall / 503 box
Relay capacity 250 V AC output	A	8
Programming		weekly
Summer / winter operation		YES
Temperature settings		3 + antifreeze + manual
Temperature regulation range:		
	Automatic °C	+2 - +35
	Manual °C	+2 - +35
	Antifreeze °C	OFF, +1 ÷ +10
Internal probe temperature measurement	°C	0 ÷ +50
External probe temperature measurement	°C	-40 ÷ +60

Measure precision	°C	0.5
Temperature resolution	°C	0.1
Programming resolution	h	1
Gap between two temperature measurements	s	20
Activation delay	min	15, 30 or 45
Regulation type		ON-OFF or proportional
Adjustable differential (in ON-OFF)	°C	0.1 ÷ 1
Band (in Proportional)	°C	0.5 ÷ 5
Period (in Proportional)	min	10, 20, 30
Degree of protection	IP	XXD
Operating temperature	°C	0 ÷ +50
Storage temperature	°C	-10 ÷ +65
Relative humidity	HR	20 ÷ 90% noncondensing

Code	Model	Function	Colour
VE312500	Mithos Nero	Wall-mounting weekly programmable thermostat	Black
VE328100	Mithos Bianco	Wall-mounting weekly programmable thermostat	White
VE323200	FR. Mithos	Silver painted front panel for Mithos	Silver

#### APPLICABLE STANDARDS

Compliance with Community Directives: 2006/95/EC (Low voltage - LVD), 2004/108/EC (Electromagnetic compatibility - EMC) is declared in reference to the following standards: • Safety: EN 60730-2-7 / EN 60730-2-9 • E.M. compatibility: EN 61000-6-1 / EN 61000-6-3