Chronothermostats with humidistat

MITHOS H RF

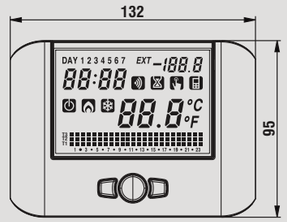
Radiofrequency weekly chronothermostat with integrated humidity sensor which, combined with the remote actuators of RX- series, allows to perform the temperature regulation and the environment humidity control through two independent communication channels.
The first channel is controlled by the setting of the temperature while the second channel is activated when humidity threshold is reached and, according to the setting as maximum or minimum instrument, it can control for example a dehumidifier or a humidifier.

1 Plastic base for wall-mounting or fastening on 503 box (or similar)
2 Wide display to view the operation status, time and day, temperature and humidity present in the environment
3 Keyboard hidden under the front panel for the programming of the instrument
4 Available in two colours: white and black

- Battery power supply 1x1.5V (AA type)
- Two channels independent for the function of chronothermostat and humidistat
- Automatic summer/winter time change
- Key lock for installations in public places

DIMENSIONS (mm)

Front view



Side view

CONNECTION DIAGRAM

Diagram

Example of connection with two RX1-8A remote actuators

WALL-MOUNTING WEEKLY CHRONOTHERMOSTAT WITH HUMIDISTAT

CHRONOTHERMOSTAT FUNCTIONS

- 3 operating modes:
  - Automatic (on 3 values of temperature)
  - Manual (with manual temperature)
  - Off (with antifreeze temperature)
- Programming:
  - 7 programs for winter mode (modifiable)
  - 7 programs for summer mode (modifiable)
- Operating mode summer/winter
- Timed operation (manual, automatic, off)
- Switching delay settable among 15, 30 or 45 minutes (independent for each hour)
- Temperature regulation of ON/OFF type or proportional

HUMIDISTAT FUNCTIONS

- Humidity regulation of on-off type with differential settable between 5% and 20% RH
- Setting range: 30÷90% RH or off
- Operating mode (minimum instrument - humidifier or maximum instrument - dehumidifier) settable through menu
- Minimum time between a switching and the next one: 1 minute

Code	Model	Description	Colour	Power supply
VE489100	Mithos H RF Bianco	Weekly chronothermostat RF with humidistat	White	Battery
VE490900	Mithos H RF Nero	Weekly chronothermostat RF with humidistat	Black	Battery

GENERAL CHARACTERISTICS

Battery power supply	V DC	1 x 1.5 V (AA type)
Charge reserve	h	1
Fastened		Wall / 503 box
Protection degree	IP	XXD
Operating temperature	°C	0 ÷ +50
Storage temperature	°C	-10 ÷ +65
Relative humidity	HR	20 ÷ 90% non condensing

HUMIDISTAT		
Setting range	HR	Off, 30÷90%
Settable differential	HR	5 ÷ 20%
Time between two switchings	min	1
Precision	HR	±3%
Resolution	HR	1%

CHRONOTHERMOSTAT		
Programming		weekly
Operation		summer/winter
Settable temperatures		3 + antifreeze + manual
Temperature measurement	°C	0 ÷ +50
Measurement precision	°C	0.5
Temperature resolution	°C	0.1
Programming resolution	h	1
Gap between two temperature measurements	s	20
Switch on delay	min	15, 30, 45
Regulation type		ON-OFF or proportional
Settable differential	°C	0.1÷1
Band (in Proportional)	°C	0.5 ÷ 5
Period (in Proportional)	min	10, 20, 30

REFERENCE STANDARDS

Compliance with Community Directives: 1999/5/EC (R&TTE) • 2004/108/EC (E.M.C.)
is declared with reference to the following standards: • Safety and E.M.C.: ETSI EN 300 220-1, ETSI EN 300 220-2, ETSI EN 301 489-1, ETSI EN 301 489-3