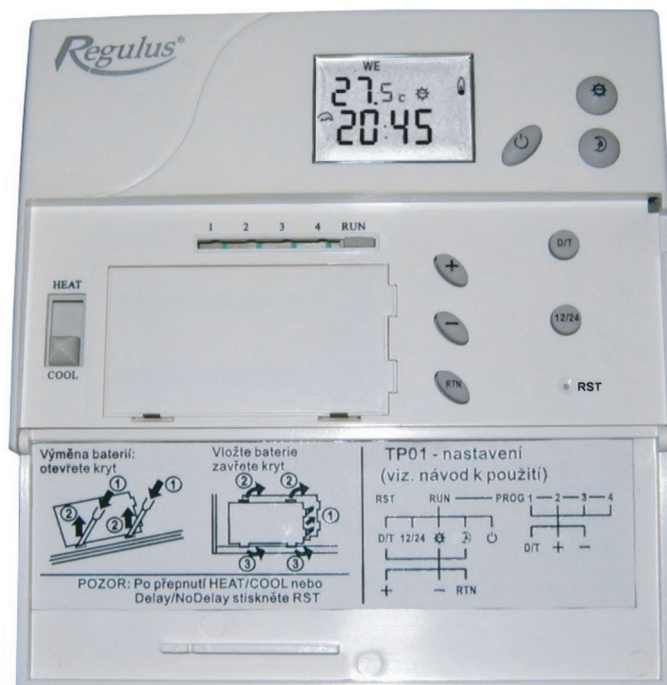


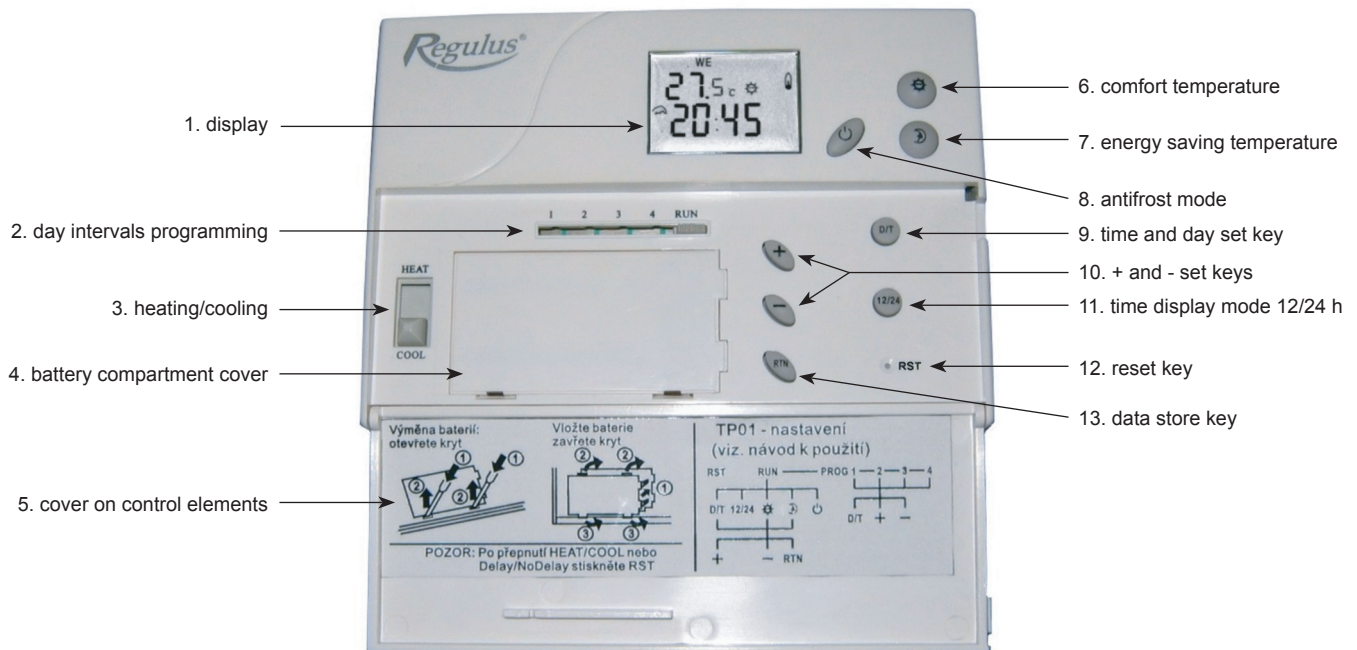
Users Manual

TP01 Programmable Thermostat

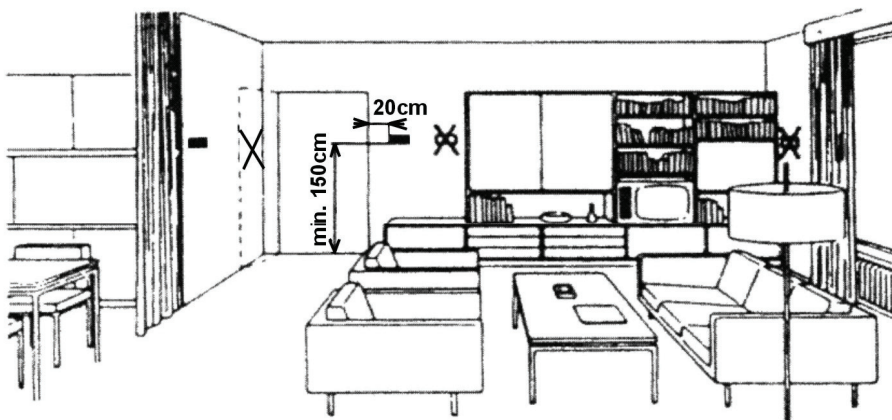


Description

A programmable room thermostat to control heating or A/C. It enables setting 2 temperature levels between 5 and 35 °C (i.e. Comfort and Energy saving temperatures). 4 changes between them shall be programmed for workdays, 4 for Saturday and 4 for Sunday. During operation the following info is shown: current room temperature, time and day of week, output state (ON/OFF) and the selected temperature level (Comfort / Energy saving). Furthermore, also antifrost mode can be activated.



Recommended position



This thermostat is intended for indoor use only. It should be mounted on an inner wall, about 150cm above the floor, located where it can easily sense an air sample that is consistent with room temperatures.

This means it should not be put above a heat source (TV set, heater, fridge etc.), nor where it may be exposed to direct sunshine, draught, radiation from appliances, or into a laundry.

Installation Instructions

A. Primary settings, connections

1. Wiring

The rear upper right corner accommodates 3 wiring positions marked L-Live, H-Heat, C-Cool. L is intended for control voltage (e.g. line), H serves for heating control and C for A/C (cooling) control.

2. Mounting

Mount the thermostat to the desired position, using the enclosed dowels and screws.

3. HEATING / COOLING switch

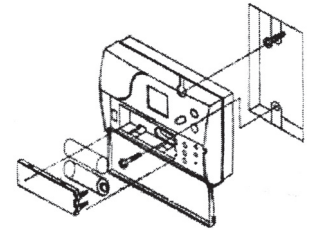
Set the switch to HEAT to control heating, and to COOL to control A/C.

4. Delay Switch (rear side under wiring contacts)

Set the ON-delay by the 2-position switch located on the rear side:

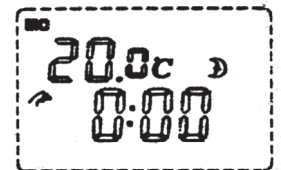
	HEAT	COOL
NO DELAY	10 sec	5 min
DELAY	5 min	5 min

The delay prevents frequent thermostat switching caused by short-time temperature changes.





B. Start / Reset

1. After wiring, insert 2 new alkaline AA batteries 1.5V (mind the polarity!). The display starts showing data.
2. Using a pointed tool, press the RST (reset) key to clear all data.
3. Turn on the heat source. It will remain off until you set TP01 to such a temperature that will make it switch (a flame symbol will appear on the display).



C. Operation

1. Mode switch must be in RUN position.
2. The ambient temperature will be shown on the display.
3. A flame symbol on the right side of the display indicates the contacts are closed.
4. Temperatures over 39.5 °C and below 0 °C are shown as „- °C“.
5. In case the batteries are weak, a battery symbol  appears on the display (insert new ones).
6. The symbol  appears when the ambient temperature falls to 5 °C or below.

D. Clock setting

1. Push **D/T**, time will start flashing, push **+** or **-** to set the right time.
2. Push **D/T** to set a weekday, MO to SU.
3. Push **RTN** to finish time setting.
4. Pushing **12/24** switches 12/24 hour time display.

E. Temperature setting (switch for day interval programming 2 is in Pos. RUN)

1) Comfort temperature

1. Push ☀ to enter Comfort temperature setting (sun and hand symbols are flashing).
2. Push + or – to set a temperature between 5° and 35° C.
3. Push **RTN** to return to the operation mode.

2) Energy saving temperature

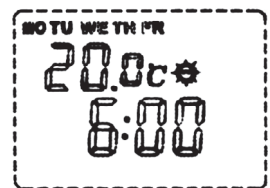
1. Push 🌙 to enter Energy saving temperature setting (moon and hand symbols are flashing).
2. Push + or – to set a temperature between 5° and 35° C.
3. Push **RTN** to return to the operation mode.

3) The temperatures stored by pressing **RTN** will be stored in memory and used until the next change in temperature settings.

NOTE: in HEAT mode Comfort temp. > Energy saving temp.
in COOL mode Comfort temp. < Energy saving temp.

F. Program setting

1) The switch for day interval programming (2) in Pos. 1 enables the first time of day to be set (the Comfort temperature ON in the HEAT mode, e.g. 6:00 am. for getting up), first for MO-FR. Time is set by pressing keys + or - Each push means a 10-min. interval; hold the respective key if setting a longer time. Then, push **D/T** to select Saturday, set the time of the first turning on the Comfort temperature, by pushing **D/T** again Sunday is selected and the time set similarly.



2) Proceed with programming in the same way with mode selector in Pos. 2, 3 and 4. In Pos. 2 the first time of turning on the Energy saving temperature is set (e.g. 8:30 - leaving for work), Pos. 3 means the second time of turning on the Comfort temperature (returning home in the afternoon) and in Pos. 4 the second time of turning on the Energy saving temperature is set (night setback, sleep).

G. Stand-by Mode

During your absence the thermostat can maintain Energy saving temp. and ignore all programs. Press ⏸ to start Stand-by mode and press again to leave it.



H. Antifrost operation

If the room temperature falls below 5 °C:

- in HEAT mode boiler is turned on (control contact closed)
- in COOL mode cooling is turned off (control contact open)

I. Battery exchange

1. Note your existing settings on a piece of paper
2. Open the battery cover, remove the old batteries and replace with new ones.
3. Close the battery cover and reset by pushing RST key.
4. Program the thermostat back to your written settings by referring to the user's guide.

J. Technical data

Temperature Set Range	5.0 to 35.0 °C
Temperature Display Range	0.0 to 39.5 °C in 0.5 °C increments
Measurement accuracy	±0.5 °C
Measurement interval	10 sec
Contact load	24 to 250V~ ; 8 (2)A
IP protection	IP30
Power supply	2 x 1.5V AA (alkaline)
Working temperature	-10 to 50 °C

IMPORTANT INFORMATION ON PROPER DISPOSAL OF E-WASTE AS REQUIRED BY THE EC DIRECTIVE 2002/96/EC (WEEE)

Do not dispose of this product as unsorted municipal waste. Please dispose of this product by returning it to the point of sale or to your local municipal collection point for recycling.

Respecting these rules will help to preserve, protect and improve the quality of the environment, protect human health and utilise natural resources prudently and rationally.

The crossed out wheeled bin with marking bar, printed either in the Manual or on the product itself, identifies that the product must be disposed of at a recycling collection site.



WEEE Registration Number: 02771/07-ECZ

WARRANTY CONDITIONS

TP01 Programmable Thermostat

WARRANTY CONDITIONS

1. The warranty period is 24 months from the date of purchase.
2. When claiming warranty, this Warranty Card must be submitted together with the purchase receipt.
3. The warranty is valid only when the technical conditions set by the Manufacturer are maintained.
4. The warranty does not cover defects caused by tampering, improper handling, using the product to other purposes than designed for, installing the appliance in unsuitable environment, or by a natural disaster.
5. Your claim will be dealt with by your seller at the address shown.

Date of Purchase:.....

Rubber stamp print and signature of the seller:

03/2009



REGULUS spol. s r.o.
Do Koutů 1897/3
143 00 Praha 4

<http://www.regulus.eu>
E-mail: sales@regulus.cz