

UPUTSTVO ALPHA TERMOSTAT



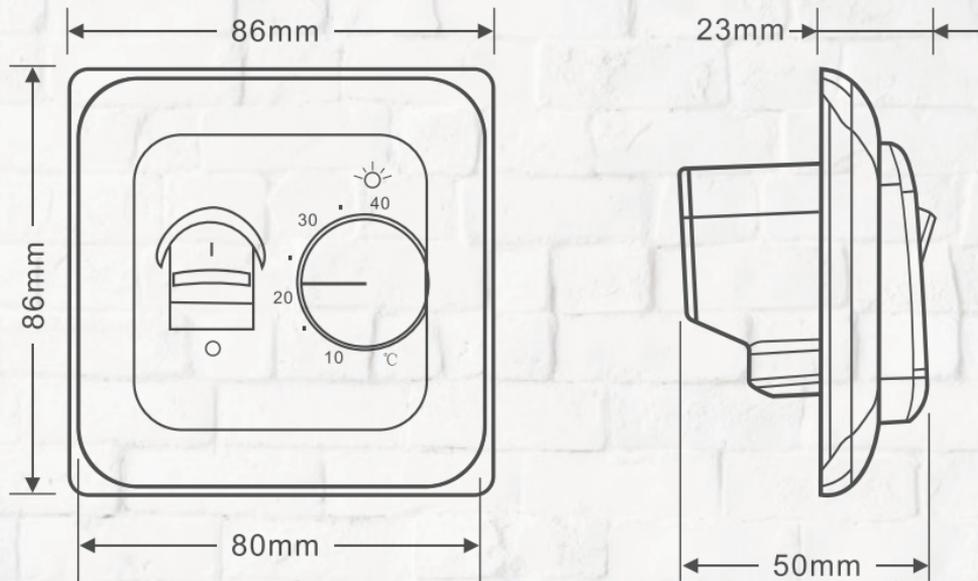
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DIMENZIJE / DIMENSIONS



ALPHA TERMOSTAT

Alpha je analogni, elektronski termostat predviđen za montažu u standardnu zidnu kutiju. Termostat se može podešavati u opsegu od +5 do +40C, LED lampica prikazuje da je grejanje uključeno.

Alpha termostat se preporučuje za kontrolu električnih uređaja za grejanje ili za uključivanje/isključivanje ventila u sistemima grejanja na vodenoj bazi.

Napajanje	230V
Max. opterećenje	16A (električno grejanje)
Potrošnja ((u režimu mirovanja)	5W
IP klasa	IP20
Opseg podešavanja temperature	Od +5°C do +40°C
Radne temperature senzora	Od -5°C do +50°C
Tačnost merenja temperature	±0,5°C
Materijal kućista	Vatro otporan
Podni senzor	NTC senzor, guma-termoplastika
Dužina kabla	3m



ALPHA THERMOSTAT

This type electronic thermostat for mounting in standard wall box is adjustable to required temperature from +5/+40C. The LED light shows that the heat is On.

The thermostat is recommended for control of electric heating devices or on/off valve actuator used in water-based heating systems.



Voltage	230V
Max. load	16A (electric heating)
Power consumption(stand-by)	5W
Protective housing	IP20
Temperature setting range	From +5°C to +40°C
Ambient temperature	From -5°C to +50°C
Switching differential	±0,5°C
Housing material	Anti-flammable PC
Floor sensor	NTC sensor, rubber-thermoplastic
Cable lenght	3m

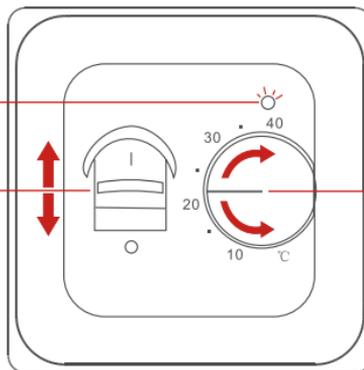
SIMBOLI

LED indikator je crven kad je grejanje uključeno

Uključivanje/Isključivanje

I - Uključeno

O - Isključeno



Podešavanje temperature

POSTAVLJANJE PODNOG SENZORA

Podni senzor treba postaviti u ugrađenu instalacionu cev u podu. Crevo na kraju treba zatvoriti i postaviti što bliže površini betonskog sloja. Kabl senzora se može produžiti do 50 m sa odgovarajućim napojnim kablom. Ne smeju se koristiti žice iz instalacionog kabla koji se koristi za napajanje grejnog kabla. Napon iz instalacionog kabla može prouzrokovati smetnje u radu termostata.

Ako se koristi kabl sa zaštitnim opletom, isti se ne sme uzemljavati već ga treba povezati na priključnu klemu 7. Najbolje je instalaciju izvršiti posebnim dvožilnim kablom koji se montira u zasebno instalaciono crevo.

Temperatura (°C)	Vrednost podnog senzora (Ω)
5	22070
10	17960
20	12091
30	8312
40	5827

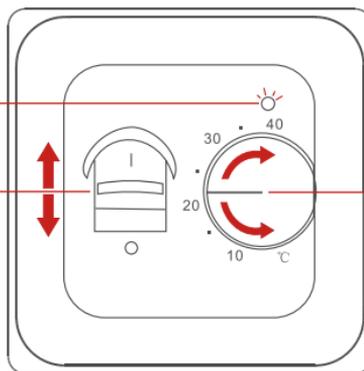
SYMBOLS

When LED indikator is red, the heat is on

On \ Off

I - On

O - Off



Temperature setting

MOUNTING OF FLOOR SENSOR

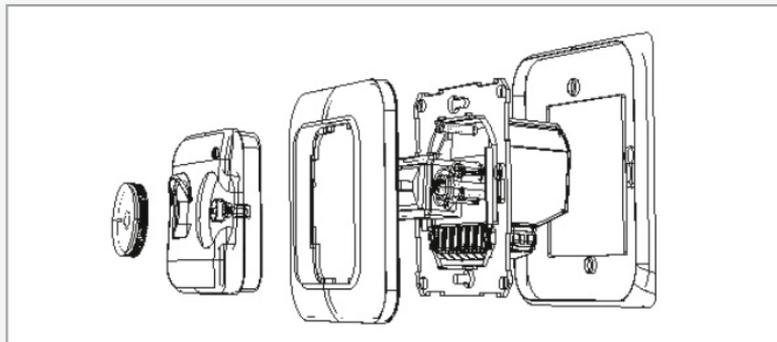
Floor sensor should be placed in installation pipe which is embedded in floor, the pipe is thickened in the end and placed as high as possible in the concrete layer. Sensor cable may be extended up to 50m with separate cable or power current. Two conductors in a multi-conducting cable, which e.g. is used for supply of heating cable, may not be used. Voltage signals, which may disturb the function of the thermostat, may occur. If the cable is used with screen, the screen may not be connected to the ground, but must be connected to terminal 7, the best installation is attained with a separate cable for the sensor, which is then mounted in a separate conduit.

Temperature (°C)	Value (Ω)
5	22070
10	17960
20	12091
30	8312
40	5827

INSTALACIJA I POVEZIVANJE TERMOSTATA

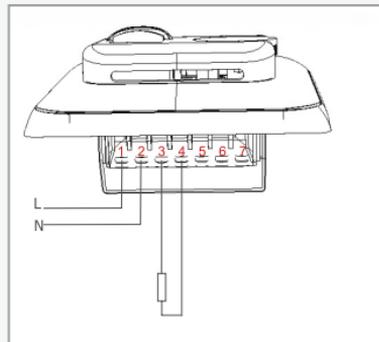
Termostat se montira na zid sa slobodnom cirkulacijom vazduha oko njega. Takođe, termostat se mora postaviti tamo gde nije pod uticajem bilo kog drugog izvora grejanja, sunca ili promaje, udaljen od vrata ili prozora. Senzor temperature poda ne sme biti prekriven nameštajem, tepihom ili drugom podnom pokrivkom. Termostat se montira na visini 1,2m od poda.

Delovi termostata: 1. Kontrolno dugme; 2. Poklopac; 3. Unutrašnji okvir; 4. Termostat; 5. Spoljašnji okvir



Parts of thermostat: 1. Knob; 2. Cover; 3. Internal frame; 4. Thermostat; 5. External frame

1. Povežite termostat prema instrukcijama.

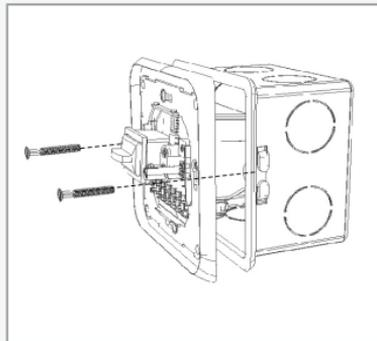


1. Connect wires to the terminal block per the wiring schematic.

INSTALATION AND WIRING INSTRUCTION

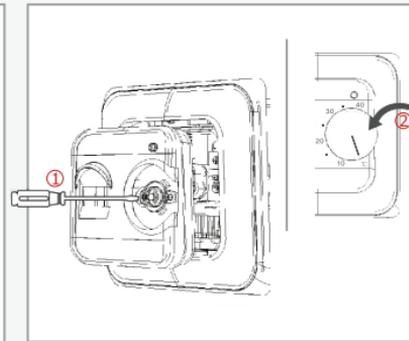
Thermostat is to be mounted on the wall with free air circulation around it . Furthermore it has to be placed where it is not influenced by any other heating sources (e.g. the sun), draft from doors or windows, or by the temperature of an exterior wall. Mount the thermostat 1.2m above the floor.

2. Montirajte i pričvrstite termostat i spoljašnji okvir koristeći šrafove.



2. Using the two mounting screws, attach the thermostat and external frame to the junction box.

3. Zašrafite poklopac termostata(1) i stavite kontrolno dugme na mesto (2).



3. Install the cover and internal frame and attach the temperature knob to finish the installation.

PODEŠAVANJE TERMOSTATA

PODEŠAVANJE TEMPERATURE

Termostat ima opseg skale od +5 - +40°C. Da bi se olakšalo podešavanje temperature, Alpha termostat ima LED lampicu koja će svetliti CRVENO kada je grejanje UKLJUČENO. Termostat treba postaviti na maksimalnu temperaturu dok se ne postigne željena temperatura poda ili prostorije. Kontrolno dugme tada treba vratiti unazad dok se LED lampica ne ugasi. Fina podešavanja se mogu izvršiti u narednim danima kako bi temperatura bila prilagođena individualnim zahtevima korisnika. **Temperatura je podešena pre isporuke, molimo vas da ne menjate poziciju točkića prilikom instalacije.**

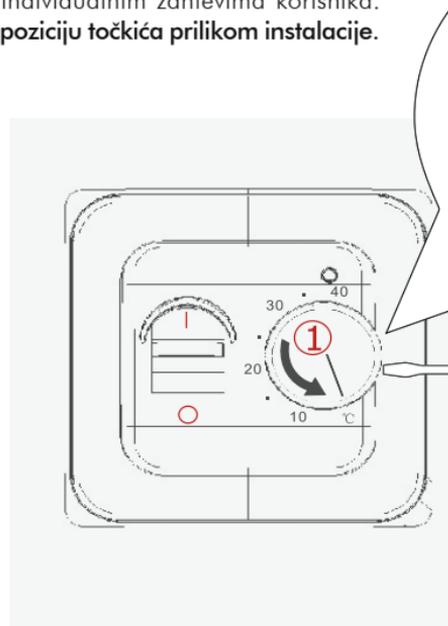
KALIBRACIJA TEMPERATURE

Kada je sobna temperatura stabilizovana, termostat može biti usaglašen sa trenutnom sobnom temperaturom. Izmerite temperaturu sobe preciznim termometrom.

Skinite kontrolno dugme (1) i okrenite stub (D) a zatim vratite kontrolno dugme tako da indikator (linija) temperature pokazuje istu temperaturu kao izmerenu.

PODEŠAVANJE MINIMALNE I MAKSIMALNE TEMPERATURE

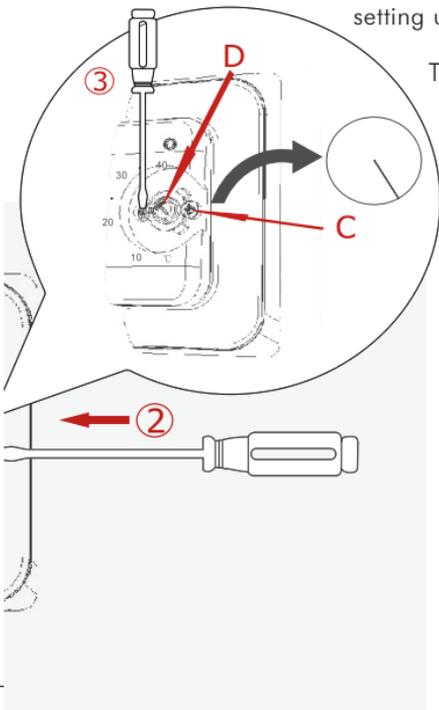
Mehanizam za zaključavanje je pozicioniran iza komandnog dugmeta. Otpuštajući malo zavrtnaj (C) opseg skale se može zaključati, npr. između 20 i 25°C. Gornji prsten označava maksimalnu temperaturu a donji prsten označava minimalnu temperaturu.



THERMOSTAT SETUP

TEMPERATURE SETTING

Thermostat has a scale range of +5/+40°C. To assist the adjustment, the thermostat has a LED light which will glow RED when the heating is ON. The thermostat should be set to maximum temperature setting until the desired temperature of the room or floor is achieved.



The control knob should then be turned back until the LED light goes out. Fine adjustments can be made over the next 1/2 days to suit individual requirements. (picture 2). We have adjusted the temperature, please do not spin the pole when installation.

THERMOSTAT ADJUSTMENT

When the room temperature has been stabilized, the thermostat set position may be adjusted to match actual room temperature. Measure the temperature of the room with an accurate thermometer. Remove control knob (1) and spin the pole (D), then reposition the control knob so that the indicated temperature line shows the same as the measured temperature.

MAX./MIN. TEMPERATURE SETTING

A locking mechanism is positioned behind the control knob to limit the amount of adjustment possible. By loosening the little screw C the scale range can be locked, e.g. between 20 and 25°C. The above ring indicates the maximum temperature and the below ring indicates the minimum temperature.



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