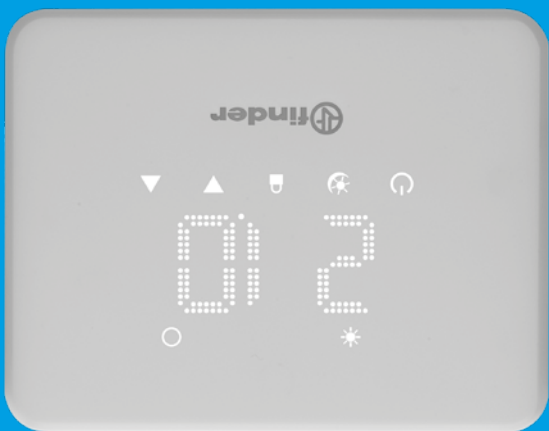


# BLISS<sup>+</sup>

## THERMOSTAT 11.91



**finder**  
SWITCH TO THE FUTURE



Page	
2	DIMENSIONS
2	INSTALLATION
6	POWER ON THE DISPLAY
6	THERMOSTAT OFF
7	DESCRIPTION OF KEYS AND SYMBOLS
8	DAY OR NIGHT TEMPERATURE SETTING
9	OFF STATE & FROST PROTECTION FUNCTION
9	SUMMER/WINTER SETTING
10	LOCK/UNLOCK THERMOSTAT
11	TECHNICAL FEATURES

## INSTALLATION

### SAFETY REQUIREMENTS

The installation and assembly of electrical equipment must be performed by expert personnel.  
Before connecting the thermostat make sure that the load (pumps, valves, boiler, etc ...) are not powered-up and are within the rating of the contact.

### POSITIONING

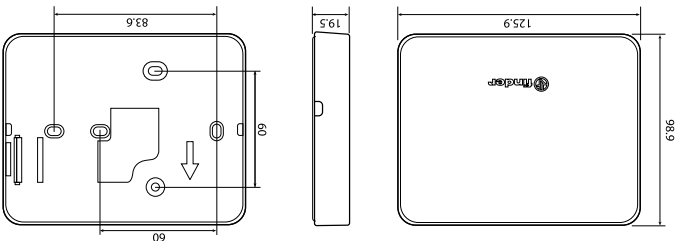
Install the thermostat away from heat sources (radiators, direct sunlight, kitchens) and doors/windows. Mount about 1.5 meters above floor level.

### FIXING

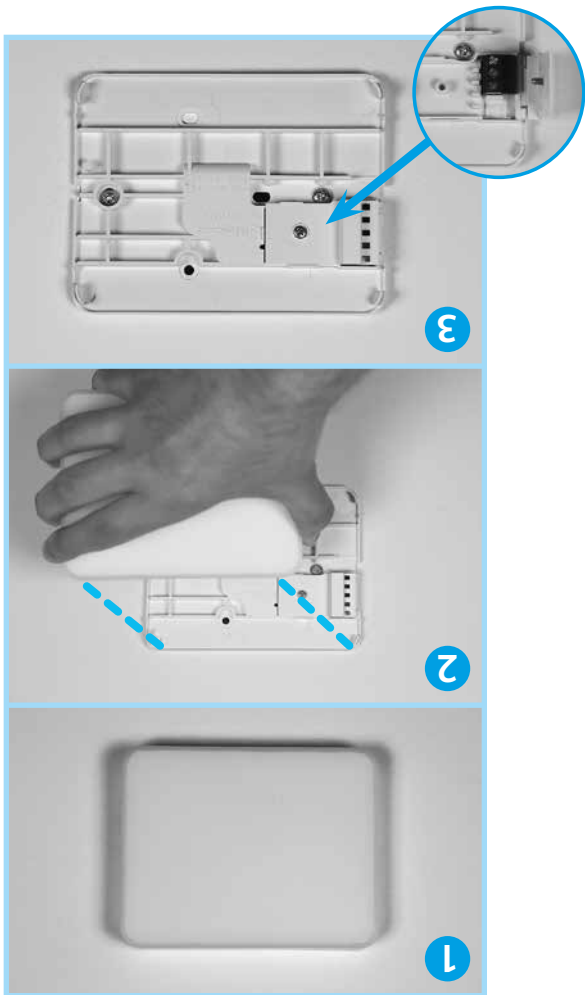
Use screws  $\varnothing$  3,5 mm. Maximum head thickness 3 mm.  
When fastening, take care not to over tighten the screws to avoid distorting the base.

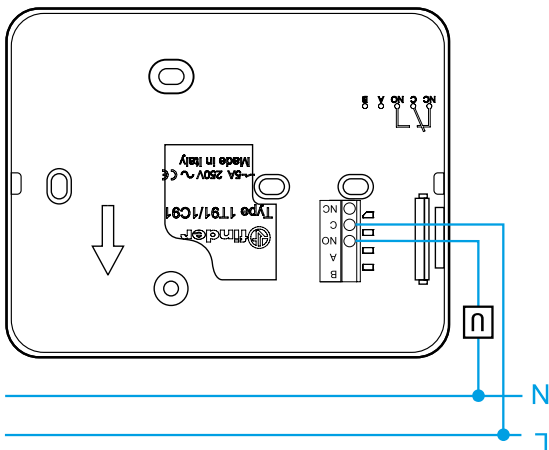
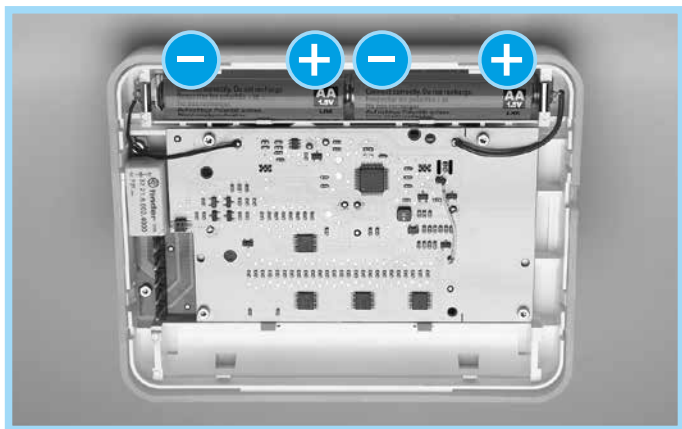
### NOTE

Use only a damp cloth for cleaning.



## DIMENSIONS

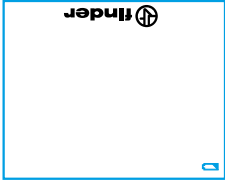




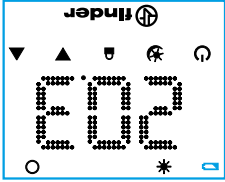
Insert the batteries into the battery compartment, respecting the indicated polarities.

**CAUTION** Incorrect positioning of the batteries (polarity inversion) can damage the thermostat.

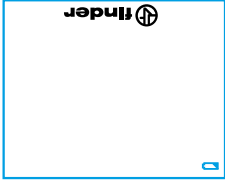
The thermostat is provided with 2 battery thresholds: the first threshold indicates that the batteries are low and must be replaced. In this condition, the display in the off state and a flashing battery icon will show every 5 sec.

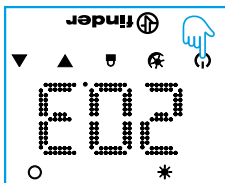
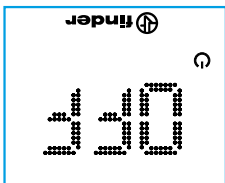


After touching the Finder button and turning on the display, the battery icon will continue to flash.



At the second threshold the thermostat turns off, the output relay will be set to OFF and it will no longer be possible to make any further adjustments. In this condition the flashing battery icon can be seen every 5 seconds (until the batteries completely run out).

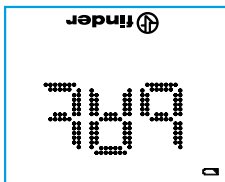








## THERMOSTAT OFF

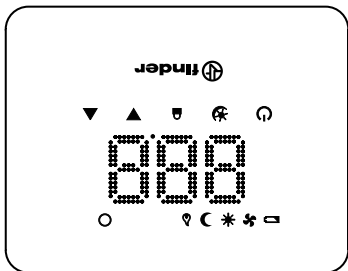


## POWER ON THE DISPLAY

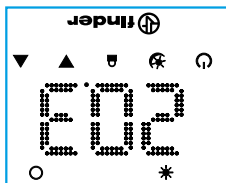
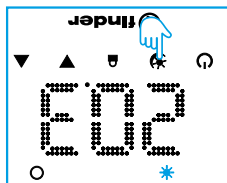
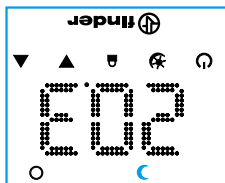
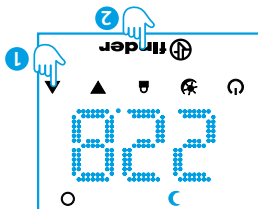
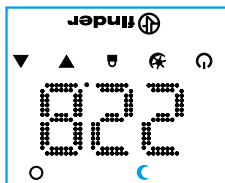


Touching the word "Finder" to turn on the thermostat results in BAT and OFF alternating on the display.

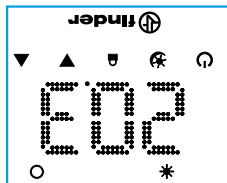
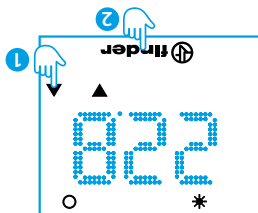
 <b>finder</b>	Switch on display/confirm Press for 2" to save and exit
	Thermostat switching on/off Press for 3" to access the settings
	Change mode DAY/NIGHT
	Thermostat lock/unlock
	Increase
	Decreases
	Low battery
	Output ON (SUMMER setting)
	Day setting
	Night setting
	Output ON (WINTER setting)
	Degree centigrade







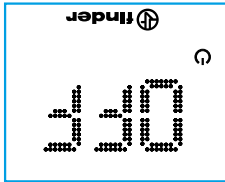
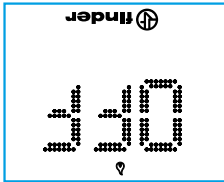
Example: Night temperature setting



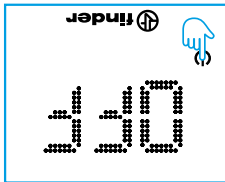
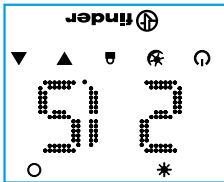
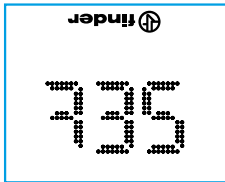
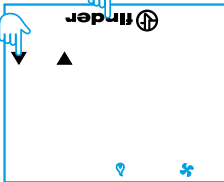
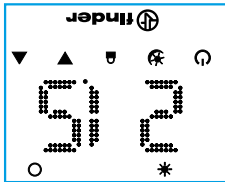
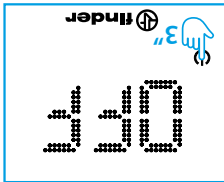
Example: Daytime temperature setting

## OFF STATE & FROST PROTECTION FUNCTION

When the chronothermostat is off, the display will show the word OFF. But in this condition the frost protection function remains active. If the room temperature falls below the frost protection temperature, the flame icon will appear together with the word OFF.



## SUMMER / WINTER SETTING

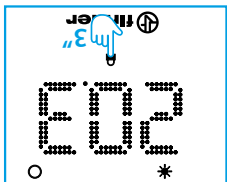
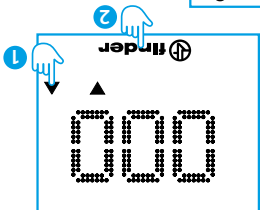
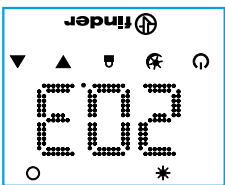


**NOTE**

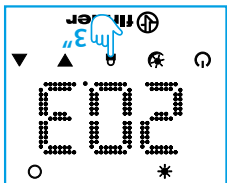
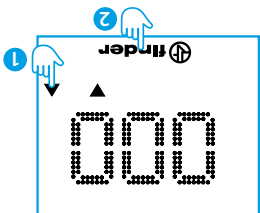
Removing the batteries will not cancel the lock.  
If you forget your PIN, use code 513 to unlock the product

**Caution**

By entering an incorrect PIN code, the thermostat will display Err for an instant and then re-presents the locked display. After entering the wrong PIN 3 times, the thermostat will remain locked for 20 seconds with Err displayed (the display will turn off after 5 seconds to preserve the batteries). This procedure repeats for any further attempt to enter the wrong PIN.



Thermostat unlock



Thermostat lock

Power supply: **2 alkaline batteries 1.5 V type AA** (life approx. 2 years)  
Temperature adjustment WINTER/SUMMER - NIGHT/DAY: (+5...+37)°C  
Resolution: **0.1°C**  
Accuracy: **+/- 0.5°C at 20°C**  
Differential: **0.2°C - Self-regulating**  
Operating modes: **Summer - Winter - Day - Night**  
Degree of protection: **IP20**  
PIN lock: **Yes, 3 digits**  
Output: **5 A 250 V AC** volt-free changeover contact  
Mounting: **Wall**

DEFAULT PARAMETERS

Season set	Winter
Frost protection	Fixed at 5°C