	Installing the electronic room thermostat (with timer function)	Page 1 of 2
	COMO, MEMO, REVO and TOPO	Z32717

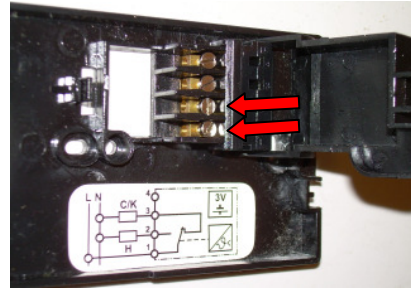
The room thermostat should only be installed by a specialist. In doing so the current safety regulations stipulated by the VDE (Association of German Electrical Engineers) and the local power supply companies are to be taken into account.

Before starting work disconnect the power supply and remove the mains plug!

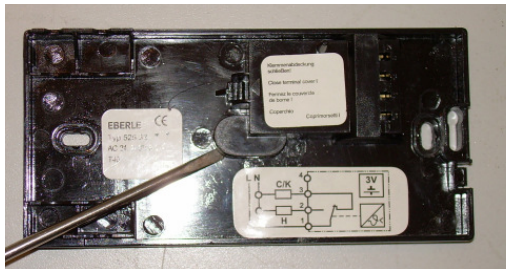
### **Installing the room thermostat**



Use a suitable tool to depress the opening button and remove the cover from your room thermostat.



Now connect the 2-pin cable to positions 1 and 2 of the terminal block.



Lift the terminal cover.



Remove the cable bridge from the stove's interface and connect the cable of the room thermostat in its place.

### **Please note:**

An even contact surface is essential for wall mounting. Malfunctions of the room thermostat can be avoided by ensuring voltage-free installation.

### **Stove settings**

Set your desired heat output on the control panel.

### **Thermostat settings**

Programme your desired switch-on/switch-off times and the desired temperature in accordance with the manufacturer's instructions.

### **Function**

After reaching the desired ambient temperature or the programmed switching time your pellet stove heats up for 5 minutes with the set heat output and then switches off - "Standby" appears in the display. If the room temperature falls below the set value or a new heating time starts, the stove will switch back on again automatically.

**Important:** If the stove is shut down manually (e.g. before reaching the room temperature), "heat off" will appear in the display (refer to the stove operating manual for more information). The stove is thereby deactivated and the room thermostat function is inactive! The heating procedure can only be resumed by pressing the ON/OFF button.

**Note:** Automatic operation with the room thermostat particularly requires consistent adherence to the cleaning intervals specified in the operating manual.

Further information regarding commissioning can be inferred from the manufacturer's operating manual.

GB

## Operating instructions for two wire thermostat

### ATTENTION!

The device must only be installed by a qualified electrician according to the circuit diagram in the housing cover. The applicable safety requirements of VDE and local electricity supply companies must be observed.

In order to obtain the class of protection II, appropriate installation must be taken.

### 1. Range of applications:

- for fan control in storage heaters
- pumps
- oil burners - gas burners
- actuators for hot water heating systems

This is an electronic control with digital display for 4 temperatures and 4 time sectors for 2 blocks of days, e.g. work days and rest days. Temperature range: 5 to 30°C.

### 2. Standard program:

We have developed and stored a standard program in the memory to make it easy to start using the unit. After inserting the battery, the correct time and day must be set and the following standard program is adopted.

	Time sector	Work days (1..5) (Mo, Tu, We, Th, Fr)		Rest days (6,7) (Sa, Su)	
		Start time	Temp.	Start time	Temp.
Start times of the 4 time sectors and accompanying temperatures	Morning	6.00	20°C	7.00	20°C
	Daytime	8.30	18°C	10.00	19°C
	Evening	17.00	21°C	17.00	21°C
	Night	22.00	15°C	23.00	15°C

### Setting the day and time:

Press the MODE key, the arrow on the left then points to the day arrow flashes.

Press the (+) or (-) keys, to set the day of the week. Press the OK key. The time display will then flash. Press the (+) or (-) key to enter the correct time and then press the OK key.

From now on the start times and temperatures described above are adopted.

This means that you quickly have to complete weekly program available without the need for extensive programming.

### 3. Altering the start times – work days to rest days:

Press the MODE key until the arrow on the left points to the start time. "Morning 6.00" will flash.

The start time can be adjusted using the (+) or (-) key, then press OK to confirm the new start time.

The start time "Daytime 8.30" will flash, use the (+) or (-) keys to alter the start time as desired, then press OK.

Continue until you reach start time work day "Night 22.00" and then press OK.

The work day/rest day arrow will now show rest day on the display.

The same procedure should be used in order to enter rest day start times.

When the desired start times have all been entered the arrow will return within one minute from work day/rest day to work day.

### 4. Setting the temperatures:

Press the MODE key until the arrow on the display points to temperature.

The programmed temperature values can be altered according to the user's wishes, as described for setting start times.

If night / rest day is entered the temperature morning / work day (20°C) will flash.

### 5. Resetting work day/rest day:

Press the MODE key, the arrow will point to work day/rest day on the display. At the same time the day arrow points to 1 (Mo) and flashes.

The (+) or (-) keys can be used to redefine the work days and rest days as desired.

The preset program uses the most common division into work days and rest days, that is:

**Work days** Monday ... Friday (1 ... 5)

**Rest days** Saturday (6) and Sunday (7)

These days can be altered with the (+) or (-) keys. Please remember to press the OK key after making each change.

When all the alterations have been made, press the MODE key and the display again shows the current position.

### 6. Fixing the temperature:

This can be done for example for a party or holiday by means of the OK key. This key enables the user to fix an existing setting, i. e. during the holiday or party a temperature of e. g. 6°C can be entered using the (+) or (-) keys.

In order to fix the setting, press the OK key. appears at the bottom right of the display. As long as this symbol is visible, the MODE push-button are ineffective.

In order to cancel the setting press the OK key again, the symbol disappears and the original program takes over.

### 7. Altering the temperature:

This function is used to change the temperatures which are shown on the display. This is done by pressing the (+) or (-) keys.

The original settings are reinstated when the next programmed time period is reached.

### 8. Program survey:

In order to survey the settings in the program, please carry out the following instructions:

#### Survey start times

Press the MODE key until the arrow on the display points to start time, then press the OK key, morning / start time will flash, press the OK key again, daytime / start time will flash. Carry on until you have seen all the start times of your work and rest days.

#### Survey temperature settings

Press the MODE key until the arrow points to work days / rest days, then press the OK key as shown under "survey start times" above.

When you have finished surveying the programmed values, press the MODE key to return to the starting point.

### 9. Indication of operation hours:

This function shows time (in hours) thermostat was energized for heat. Time starts after "reset". Push both buttons and then MODE for 3 seconds indicating hours of operation.

### 10. Changing the batteries:

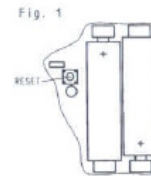
The batteries delivered with the control should last for at least 2 years before it becomes necessary to change them. When the batteries are nearly empty, the symbol appears on the display.

To change the batteries press the opening button at the right of the unit and remove the upper cover from the housing by pushing it slightly to the right.

When you have removed the cover, place 2 new alkali batteries in the battery compartment, taking care to align them correctly. It is not necessary to re-enter all the times provided it does not take longer than one minute to remove and replace the batteries.

The cover should now be replaced on the housing.

If there is no correct function after having replaced batteries, please push reset-button (see fig. 1). Clock and program to be re-entered after having pushed "reset". Operation hours counter starts from zero again. This button also should be pushed at non-correct function of thermostat.



### 11. Technical data:

Operating voltage: batteries	2x mignon 3 V-
Switching current	8 (2) A, AC 250 V
Output, relay contact	
c/o, voltage free	1
Temperature range	5 ... 30°C
Switching temp. differential	0.5 K
Shortest switching time ON/OFF	10 min.
Battery life approx. years	2
Battery changing time without loss of program	≤ 1 min.
Accuracy of clock	10 min./year at 20°C
Housing protection class	IP 30
Protection class	II
Weight	about 210 g
Storage temperature	-25 ... 65°C
Ambient temperature	0 ... 40°C
Dimensions without keys	142 x 71 x 32 mm

