

Fig. 2 - Abb. 2  
Eik. 2 - Rys. 2  
рис. 2

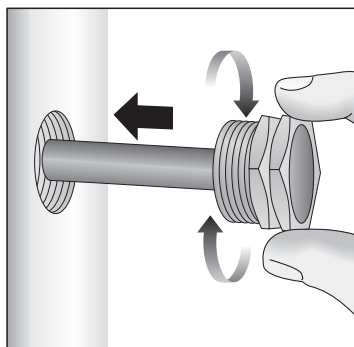


Fig. 3 - Abb. 3 - Eik. 3 - Rys. 3 - рис. 3

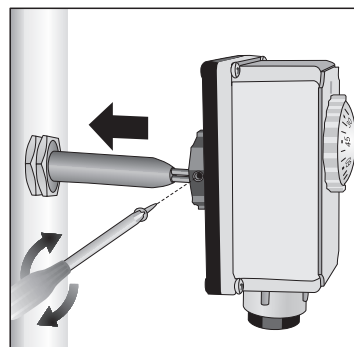


Fig. 4 - Abb. 4 - Eik. 4 - Rys. 4 - рис. 4

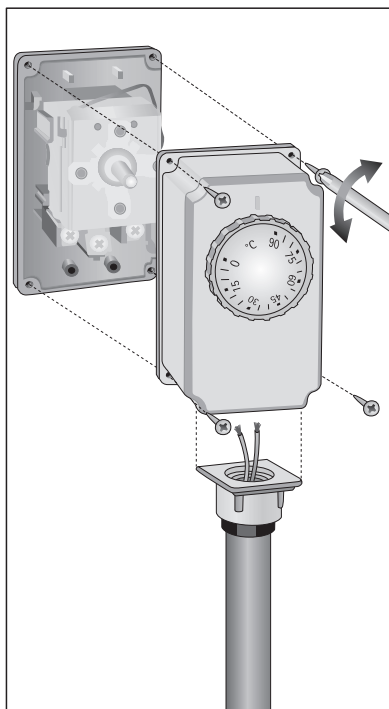


Fig. 5 - Abb. 5 - Eik. 5 - Rys. 5 - рис. 5

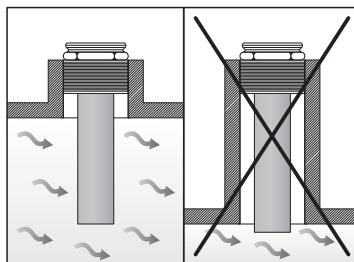


Fig. 6 - Abb. 6 - Eik. 6 - Rys. 6 - рис. 6

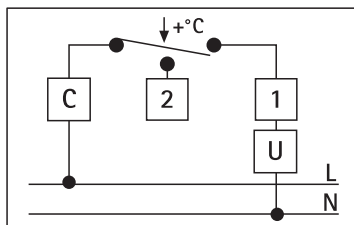


Fig. 7 - Abb. 7 - Eik. 7 - Rys. 7 - рис. 7

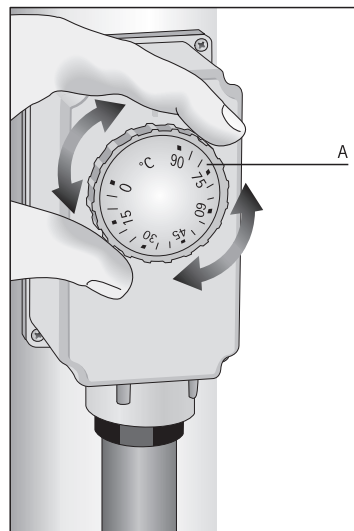


Fig. 8 - Abb. 8 - Eik. 8 - Rys. 8 - рис. 8

## INTRODUCTION



Thank you for your confidence in our Company and for choosing one of our products.  
This is a liquid-filled type THERMOSTAT complete with protection housing; it is particularly suitable for the automatic adjustment of boilers.  
Controls intended for incorporation into appliances within the scope of the IEC 60335-1

### CONFORMITY TO THE STANDARDS

This product complies with:  
- EN 60730-1 and subsequent revisions  
- EN 60730-2-9

### CONFORMITY TO THE GUIDELINES

This product complies with:  
- B.T. 73/23/CEE  
- E.M.C. 89/336/CEE  
and later updating of 93/68/CEE  
- CA02.03786 Serie TC2

## TECHNICAL DATA

TEMPERATURE RANGE =  $0^{\circ}\pm 90^{\circ}\text{C}$   
TOLERANCE =  $\pm 5\text{K}$   
TEMPERATURE DIFFERENTIAL =  $6\pm 2\text{K}$   
DEGREE OF PROTECTION = IP 40  
INSULATION CLASS = I  
TEMPERATURE RATE OF CHANGE =  $< 1\text{K/min.}$   
MAXIMUM HEAD TEMPERATURE =  $80^{\circ}\text{C}$   
MAXIMUM SENSING BULB TEMPERATURE =  $125^{\circ}\text{C}$   
STORAGE TEMPERATURE =  $-15^{\circ}\pm 55^{\circ}\text{C}$   
MAXIMUM POCKET PRESSURE = 10bar  
TIME CONSTANT =  $< 1'$   
CONTACTS RATING = C-1: 10(2,5)A/250V~ C-2: 6(2,5)A/250V~  
OUTPUT = cutoff or switching contacts  
SWITCH ACTION = 1B  
POLLUTION DEGREE = 2  
FAIRLEAD TYPE = M20x1,5  
IMPULSIVE VOLTAGE = 2,5 KV  
GROUNDING WAY = by screw  
MOUNTING WAY = by screw

## INSTALLATION AND CONNECTIONS



### SAFETY INSTRUCTIONS

Before connecting the thermostat, make sure that the power supply voltage of the UNIT TO BE CONTROLLED (boiler, pump, air-conditioning system, etc.) IS NOT CONNECTED and that it matches the indication given inside the appliance. (fig.2)

### INSTALLATION

#### WARNING:

All the installation operations included in this manual must be carried out by qualified personnel only, strictly complying with all safety and law provisions in force.

A) See fig.3 and fig.4

B) Remove the thermostat front cover by releasing the four provided screws. Thread the power supply wires in the relevant fairlead and connect them to the appliance terminals (fig.5) according to the instructions of the following paragraph "Wiring Connections". Snap the front cover back.

NOTE: See fig.6.

To snap back the front cover, the knob hole must coincide with the temperature-adjusting pin.

### WIRING CONNECTIONS

#### CONNECTIONS

Terminal 1 = It opens the circuit when temperature raises  
Terminal 2 = It closes the circuit when temperature raises  
Terminal C = Common contact

fig.7

## TEMPERATURE SETTING

See fig.8.

A = Temperature adjusting knob