

THERMOSTAT WITH VALVE

DESCRIPTION

The thermostats use capillary systems filled with heat transfer oil with an application limit up to 300°C. The range of application is decisive for the selection of a suitable capillary system.

20÷90°C - Capillary system in copper design

20÷300°C - Capillary system in stainless steel design

If higher temperatures are required, bimetallic systems with an upper limit of 500°C can be used.

The temperature of the heater is adjusted by the thermostat control screw. For optimum use of the performance potential of the heaters, the control screws can be fitted with threaded pitches. Depending on the design of the heater, one of the following control methods can be selected:

- Top control (capillary or bimetallic system)
- Control from below (capillary system)
- Rear control (capillary system)
- Side control (capillary system)

A shut-off damper is used to control the air flow. Square or circular version are available in different sizes. The correct choice of shape and size depends on the characteristics of the heater casing and size of the air inlet opening.

The thermostats with valve are intended for sale to manufacturers of solid fuel heaters. The actual design (capillary length, design, shape and length of the arm, size and shape of the valve, the actual mechanical system and its method of operation, and the length of the control screw) is always chosen according to the customer's needs. There are currently over 200 designs of these thermostats. If you are interested, we will provide you with free expert advice and consultation. If you are interested in these thermostats, please use the enquiry form.

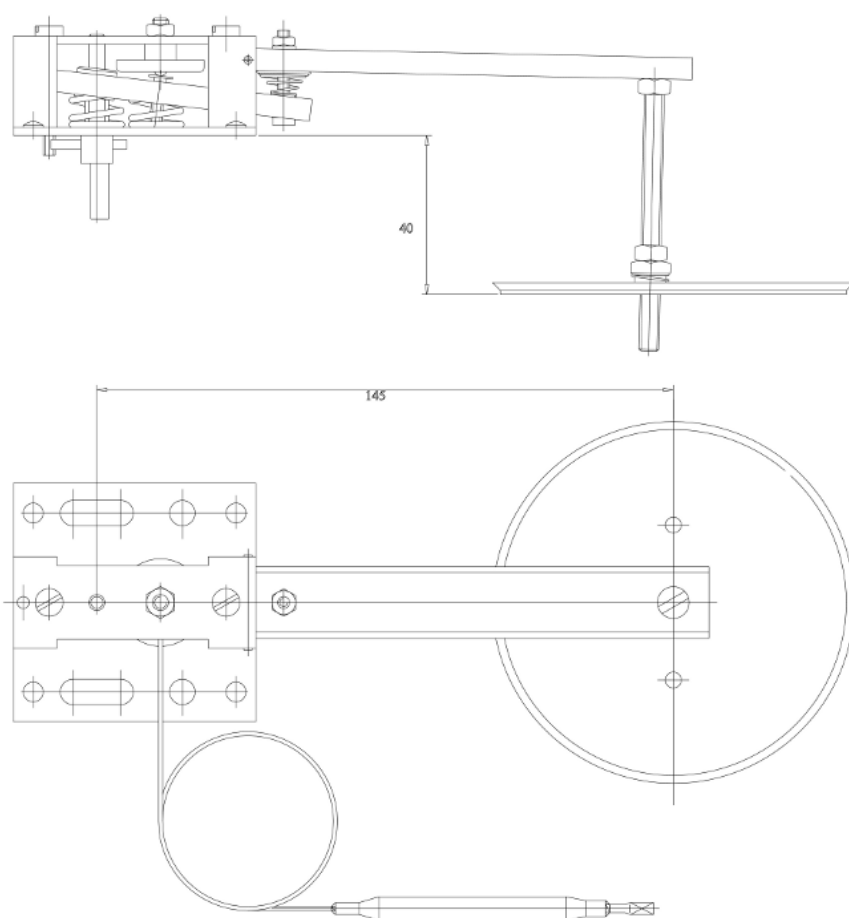


ADVANTAGES

Compared to the classic manual combustion control, by closing and opening the ashtray, combustion control by thermostat has a number of advantages:

- Easy and smooth temperature control
- Maintaining the optimum temperature according to the user's choice and increasing the comfort of the heater's operation
- Preventing automatic regulation of the combustion air supply, optimising the combustion process and reducing fuel consumption
- Increasing the efficiency of the combustion process and guaranteeing continuous combustion even during the whole night

TECHNICAL DRAWINGS



CONTACTS

APATOR POWOGAZ CZECHIA s.r.o.

Havlíčková 919/24

787 01 Šumperk

Czech republic

Tel.: +420 583 718 261

E-mail: prodej@metra-su.cz

Web: www.apator.cz

Your distributor:

The manufacturer reserves the right to change design, technical specifications and accessories without prior notice
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