

## THERMOSTATIC HEAD

### Application

In order to provide its customers with up-to-date and high-performance products, but still characterized by pleasant aesthetics and ergonomics, **te-sa** has introduced in its range a new thermostatic head with liquid bulb sensor, compact and easy to use for the end user who must be able to easily manage the energy emitted by the radiators installed at home. Temperature regulation in each individual room is a legal obligation, but above all an important aid to economic savings.

If the correct temperature management of the rooms is obtained by means of simple and functional tools, the user practices it without difficulty obtaining comfort and energy savings, with a reduction of fuel consumption and a consequent immediate reduction of plant operating costs.

The new thermostatic head Art. **116**, equipped with high precision in the regulation of the room temperature, has small dimensions that allow the installation on radiator valves even in cases where the space available is limited. Easy to assemble, it has a smooth and pleasant body, able to avoid annoying accumulations of dust difficult to remove. The setting position can be easily identified by means of a slider of adequate size that slides on the numbered scale clearly visible even for elderly people or with poor eyesight. The head Art. **116** allows you to adjust the room temperature in a range between 10 °C and 26 °C, with an extension downwards with antifreeze function to 6 °C, and a full scale extension to 28 °C corresponding to the all-open condition (Summer function to use with heating system turned off recommended to maintain long-term efficiency of the system's components). Equipped with M30x1.5 threaded ring nut, it is suitable for installation on all thermostatisable valves in the **te-sa** catalogue. In addition to the white version Art. **116-01** used in all general applications on thermostatisable valves, it is backed up by the polished chrome version Art. **116HT-01**, particularly suitable for installation on thermostatisable valves from the DESIGN Series.

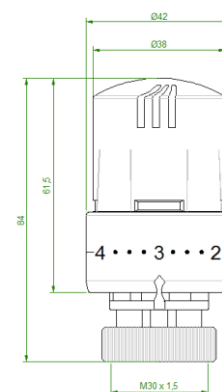


116-01

116HT-01

### Technical Specifications

- Performance in conjunction with EN215-compliant thermostatic **te-sa** valves
- Thermostatic liquid temperature sensor
- Ambient temperature control range 6 °C ÷ 28 °C
- Maximum system static pressure 10 bar
- Maximum differential pressure 1,2 bar
- Maximum water temperature 110 °C
- Hysteresis 0,8 K
- Thermostated valves flow coefficient for size 1/2" KV 0,8 for regulation (s-2K)
- Recommended horizontal mounting position
- Connection nut to the valve body M30x1,5 in chromed brass



0	*	1	2	3	4	5
CLOSED	6 °C	12 °C	16 °C	20 °C	24 °C	28 °C

### Assembly

