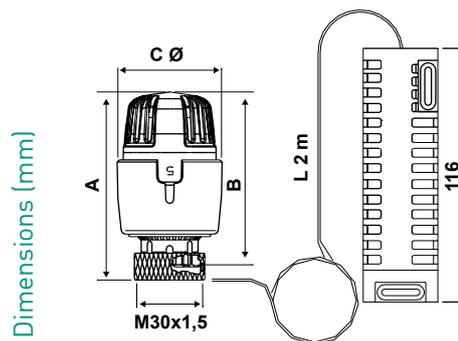


# ZTTSE

## Manual thermostatic head with external sensor

The thermostatic valve automatically regulates the flow of hot water in the radiators according to the room temperature set on the control knob. The use of the valve with thermostatic head and external sensor allows the requirements of thermal comfort to meet the needs of the user, even when the radiator is in a point where the heat tends to accumulate such as, for example, behind curtains, behind furniture, under shelves, or where solar radiations directly cover the valve.



Antifreeze position (*)		
A [mm]	B [mm]	C [mm]
81	74	46
Open position (5)		
A [mm]	B [mm]	C [mm]
86	79	47

	Temperature adjustment scale	Antifreeze position	External sensor cable length	Sensitive element
ZTTSE	8.5 ÷ 28°C	6°C	2 m	with liquid

## CHARACTERISTICS

- Polycarbonate body.
- Thermostatic ethyl acetate bulb liquid.
- Remote sensor, with gas expansion.
- Sensor's cable length: 2m.
- Adjustment range (1÷5): 8.5 ÷ 28°C
- Antifreeze position (\*): 6°C
- Hysteresis: 0.6°C
- Position (3): 20°C
- Max differential pressure (with thermostatic head mounted): 100 KPa.
- Response time: 20 min (low thermal inertia).

# HOMOLOGATION AND STANDARDS

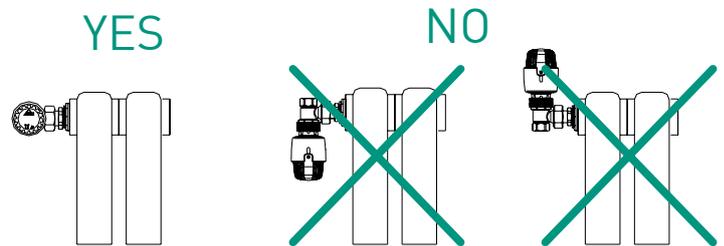
Compliant with the requirements of Italian MD dated 19 February 2007 (tax deductions).

## INSTALLATION

Horizontal installation to allow better heat exchange with the ambient.

Vertical installation does not allow the valve to work properly.

For the thermostatic head with remote sensor, the probe has to be placed away from heat sources that could impair proper operation.



## OPERATION

If the heating element is in a point where the heat tends to accumulate such as, for example, behind curtains, behind furniture, under shelves, or where solar radiations directly cover the valve, the thermostatic head has to be used with a remote sensor. This allows you to put the sensitive element in a place most suitable for proper room temperature reading.

Adjust by turning the numbered knob so that the symbol corresponding to the desired temperature is positioned in the reference window.



To protect proper operation of the thermostatic head, we recommend you remove it from the valve during the summer period when the heating system is idle.

### TEMPERATURE LIMIT

When the temperature has been adjusted, we recommend you block the knob or limit the operation range.

