

**W5 thermostatic head**



**Description**

The COMAP thermostatic heads allow individual setting of the room temperature. They are permanent proportional regulators. These stand-alone products react to temperature variations of the room. If room temperature increases, thanks to sunshine for example, the wax sensor will expand and limit water circulation into the radiator or coil by lowering the valve seat.

Around 60% of the total energy consumption of a 100 m<sup>2</sup>-standard dwelling is dedicated to heating application. Thanks to regulation, 10% of savings can be easily implemented.

COMAP offer high quality thermostatic heads. The large range is suitable for any application and compatible with all COMAP thermostatic bodies.

**Versions**

Valve connection	M28x1.5 M30x1.5
Sensor	Wax sensor

**Benefits**

- No tool is required neither for mounting, and limiting the temperature of the head.
- Energy savings: This head rank among the highest performers in energy saving.

### Internal construction



1. Sensor : Wax sensor - Tin plated steel
2. Handwheel : ABS
3. Strings : steel
4. Body : acetal
5. Fixing nut : nickel plated brass

### Applications

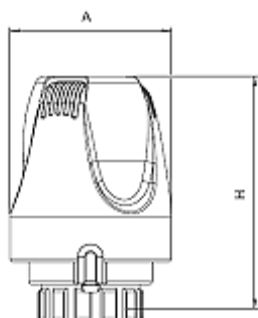
For standard hot-water heating applications

Min temperature: -10°C  
Max temperature: +50°C

### Performance (EN 215 certified values)



Product	Reference	Hysteresis	Water temperature influence	Response time	Differential pressure influence
W5 M28	803701	05	1,2	20'	0,2
W5 M30	803711	0,6	0,8	20'	0,2

### Dimensions



Ref	A	H
W5	49	73

**Product line**

Photo	Ref	Article code	Sensity	Connection	Compatible with
	W5 M28	803701	Internal liquid	M28x1.5	All M28 TRV from Comap
	W5 M30	803711	Internal liquid	M30x1.5	All M30 TRV from Comap Heimeier type radiator inserts

**Installation method**

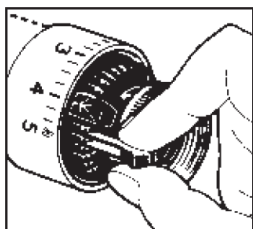
1. Take off the valves cap
2. Put the index in front of position 5 then push and connect the head to the valve
3. Screw the nut. Torque = 2 Nm
4. Then select your comfort temperature

**Setting positions**

Position	*	1	2	3	4	5
Temperature	10°C	11-14°C	15-18°C	19-22°C	22-25°C	26-29°C

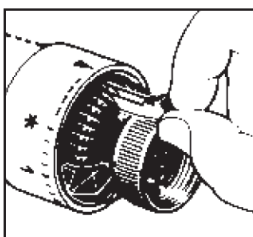
## Temperature limitation

The limitation is done thanks to one loose plastic retention pin



### 1 Maximum temperature setting:

- Set the index value regulator to the desired position
- Place the retention pin into the opening situated on the upper value side.





### 2 Minimum temperature setting:

- Set the index value regulator to the desired position
- Place the retention pin into the opening situated on the lower value side.

### 3 Fixed temperature setting:

- Set the index value regulator to the desired position
- Place the retention pin into the opening situated in the index.

## Accessories

Photo	Designation	Code
	Retention PIN	W005422
	Theft-proof ring M28	582500
	Theft-proof ring M30	582530

