



THERMOSTATIC HEADS

The thermostat heads are mechanical devices for automatic control of the water flow to heating units, thanks to a heat-sensitive element that reacts to the variations in the room temperature.

A wide range of IVAR thermostatic valve models bear the mark Keymark EN 215, which guarantees conformity of the low thermal inertia system (response time < 40 min). The same systems are accompanied by the TELL energy label. Eurovent Certita certification is also available for numerous thermostatic valves with the T 5000 head.

The heads in the 5000 series are fitted with a liquid element and offer the possibility of limiting and blocking settings. They can also be selected with remote sensors to avoid the problem of obstacles in front of the radiator, and ensure optimal detection of the room temperature.

T 1500 (equipped with a liquid sensor) and T 1000 (equipped with a wax sensor) heads have a compact size and a simple line; they are particularly suitable to regulate water flow to the radiator when detection of ambient temperature does not need to be remote controlled.

Materials

Knob and body: ABS

Thermostat: liquid expansion (series 5000; T 1500); wax expansion (T 1000)

Technical specifications

Max. fluid temperature inside valve: 100 °C

Parameters according to EN 215 (T 5000 and T 1000 only)

Hysteresis: 0.5 K (T 5000); 0.65 K (T 1000)

Influence of pressure differential D: 0.25 K (T 5000); 0.40 K (T 1000)

Effect of water temperature W: 0.75 K (T 5000); 1.20 K (T 1000)

Response time Z: 30 min (T 5000); 22 min (T 1000); < 40 min (others)

⊕ PLUS

- **No temperature imbalances in rooms**
- **Better regulation accuracy**
- **Lowered return temperature, with a significant increase of condensing boiler efficiency**
- **Available with anti-tamper ring nut and temperature limitation/lock functions** ⊕ **FOCUS 1**
- **Liquid expansion sensor** ⊕ **FOCUS 2**





FOCUS 1: Temperature limitation and lock

Temperature limitation

Temperature lock

FOCUS 2: Liquid expansion sensor

T 5000

Available with remote capillary sensor

TELL	
Thermostatic Efficiency Label	
Manufacturer	IVAR SPA
Product	T 5000
Reg. No.	10114-20160511
Energy	I
	II
	III
	IV
	V
	VI

www.tell-online.eu
A label of United Valves
European Valve Manufacturers Association

Range 6,5-28 °C

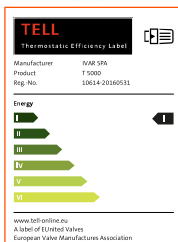
LIQUID SENSOR

Sensitive element that reacts to the variations in room temperature (expanding or retracting) to activate movement of the shutter rod. The thrust on closure is applied thanks to expansion of the sensor element, while the thrust on closure is applied by a counter-spring.

T 5000



- Testa termostatica con comando e sensore a espansione di liquido incorporati. Isteresi 0,5 K.
- *Thermostatic head with incorporated command and liquid expansion sensor. Hysteresis 0.5 K.*
- Tête thermostatique avec commande et senseur à expansion de liquide incorporés. Hystérésis 0,5 K.
- *Thermostat-Kopf mit eingebauten Steuerung und Flüssigkeitsausdehnung Fühler. Hysterese 0,5 K.*
- Cabeza termostática con mando y sensor de expansión de líquido incorporados. Histéresis 0,5 K.



Code	Size	D	W	Z	Range	Colour	€	Class	Packaging
501172	M30 x 1,5	0,25 K	0,75 K	30 min	6,5-28 °C	WHITE	13,39	AA	10 / 80

T 5000 CHROME



- Testa termostatica con comando e sensore a espansione di liquido incorporati.
- *Thermostatic head with incorporated command and liquid expansion sensor.*
- Tête thermostatique avec commande et senseur à expansion de liquide incorporés.
- *Thermostat-Kopf mit eingebauten Steuerung und Flüssigkeitsausdehnung Fühler.*
- Cabeza termostática con mando y sensor de expansión de líquido incorporados.

Code	Size	Z	Range	Colour	€	Class	Packaging
501172C	M30 x 1,5	< 40 min	6,5-28 °C	CHROME	20,43	AA	10 / 80

T 1500



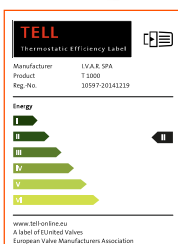
- Testa termostatica con comando e sensore a espansione di liquido incorporati.
- *Thermostatic head with incorporated command and liquid expansion sensor.*
- Tête thermostatique avec commande et senseur à expansion de liquide incorporés.
- *Thermostat-Kopf mit eingebauten Steuerung und Flüssigkeitsausdehnung Fühler.*
- Cabeza termostática con mando y sensor de expansión de líquido incorporados.

Code	Size	Z	Range	Colour	€	Class	Packaging
502841	M30 x 1,5	< 40 min	6,5-28 °C	WHITE	10,71	AA	16 / 128

T 1000



- Testa termostatica con comando e sensore a espansione di cera incorporati. Isteresi 0,65 K.
- *Thermostatic head with incorporated command and wax expansion sensor. Hysteresis 0.65 K.*
- Tête thermostatique avec commande et senseur à expansion de cire incorporés. Hystérésis 0,65 K.
- *Thermostat-Kopf mit eingebauten Steuerung und Wachsausdehnung Fühler. Hysterese 0,65 K.*
- Cabeza termostática con mando y sensor de expansión de cera incorporados. Histéresis 0,65 K.



Code	Size	D	W	Z	Range	Colour	€	Class	Packaging
500587	M30 x 1,5	0,40 K	1,20 K	22 min	6,5-27,5 °C	WHITE	11,73	AA	16 / 128


T 5010


- Testa termostatica con comando incorporato e sensore remoto a parete.
- *Thermostatic head with incorporated command and remote wall sensor.*
- Tête thermostatique avec commande incorporée et senseur à distance mural.
- *Thermostat-Kopf mit eingebauter Steuerung und Wand-Fernfühler.*
- Cabeza termostática con mando incorporado y sensor remoto de pared.

Code	Size	Z	Range	Length	€	Class	Packaging
501173	M30 x 1,5	< 40 min	6,5-28 °C	2 m	35,88	AA	5 / 40
501174	M30 x 1,5	< 40 min	6,5-28 °C	5 m	40,79	AA	5 / 40

T 5020


- Testa termostatica con comando e sensore remoti.
- *Thermostatic head with remote command and sensor.*
- Tête thermostatique avec commande et senseur à distance.
- *Thermostat-Kopf mit Fernsteuerung und Fernfühler.*
- Cabeza termostática con mando y sensor remotos.

Code	Size	Z	Range	Length	€	Class	Packaging
501177	M30 x 1,5	< 40 min	6,5-28 °C	2 m	49,91	AA	3 / 24
501178	M30 x 1,5	< 40 min	6,5-28 °C	5 m	55,99	AA	3 / 24

T 5030


- Testa termostatica con sensore remoto e comando ad incasso.
- *Thermostatic head with remote sensor and concealed command.*
- Tête thermostatique avec senseur à distance commande d'encaissement.
- *Thermostat-Kopf mit Fernfühler und UP-Steuerung.*
- Cabeza termostática con sensor remoto y mando empotrable.

Code	Size	Z	Range	Length	€	Class	Packaging
501179	M30 x 1,5	< 40 min	6,5-28 °C	2 m	48,28	AA	2 / 16
501180	M30 x 1,5	< 40 min	6,5-28 °C	5 m	54,59	AA	2 / 16