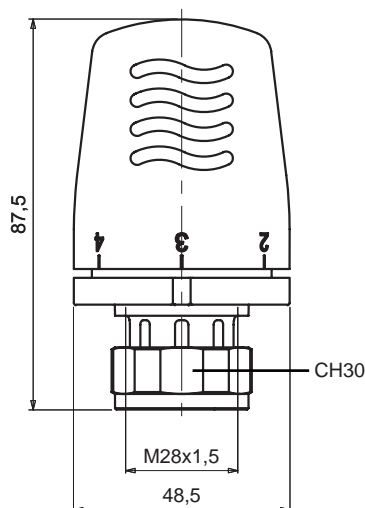## Function

The thermostatic controls have the function of keeping the ambient temperature constant in the places where they are installed, keeping it at the previously set value.

The thermostatic head 1100 is equipped with a liquid sensor.

*

028

Dimensions

87,5

CH30

M28x1,5

48,5

Eurovent Certita CERTIFICATION

Product Range

SERIES	CODE	CONNECTION
1100	821100AC20	28x1,5

Technical Features

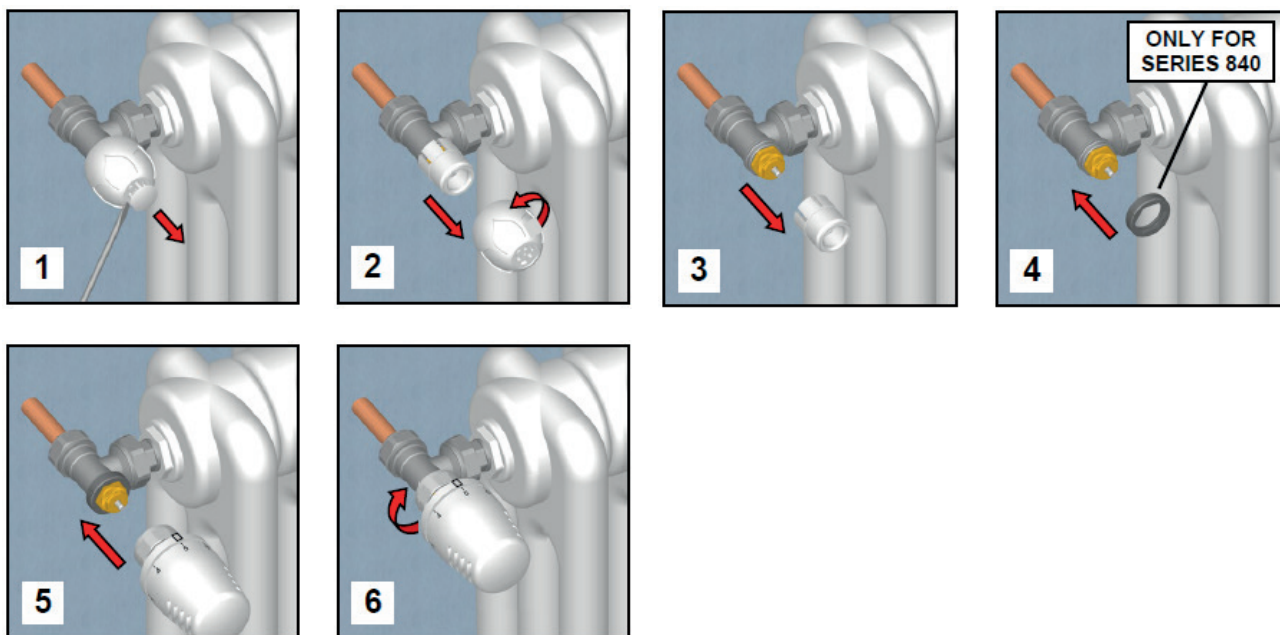|		
Adjustment range:		* to 5
Temperature setting range:		7 to 28°C
Saving state (position):		20°C (3)
Minimum set point (freezing protection position):	min ts	7°C (*)
Maximum set point (position):	max ts	28°C (5)
Maximum operating pressure:	PN	1000 KPa
Maximum differential pressure:	Δp	100 KPa
Nominal flow rate - angle and straight valve:	qm N	190 Kg/h
Response time:	Z	20 min
Authority:	a	0.9
Hysteresis:	C	0,19 K
Differential pressure influence:	D	0,25 K
Water temperature influence:	W	0,7 K
Maximum operating temperature:		110°C
Maximum storage temperature:		50°C
Variation Temporelle:	VT	0,4 K

* Declared values are referred to thermostatic head installed on ICMA valve bodies 774/775 1/2", 774+940/775+940 1/2", 974/975 1/2".
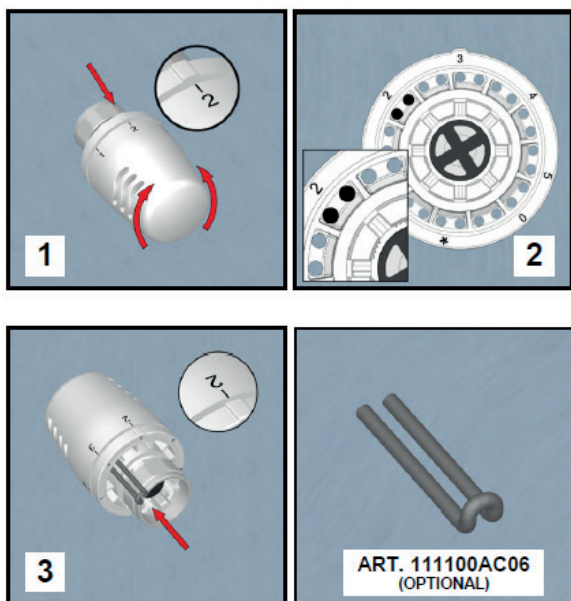
Temperature Adjustment

Indicator
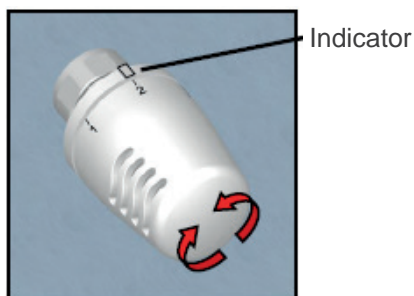
ADJUSTMENT RANGE						
0°C	7°C	12°C	16°C	20°C	24°C	28°C
0	❄	1	2	3	4	5

Icma SpA - Via Garavaglia, 4 - 20012 Cuggiono (MI) ITALIA
Tel: +39 02 97249134 - +39 02 97249135
www.icmaspa.it - sales@icmaspa.it

Pag.1

Installation

1

2

3

4 ONLY FOR SERIES 840

5

6

Temperature Block

1

2

3

ART. 111100AC06 (OPTIONAL)

Temperature Limitation

1

2

3
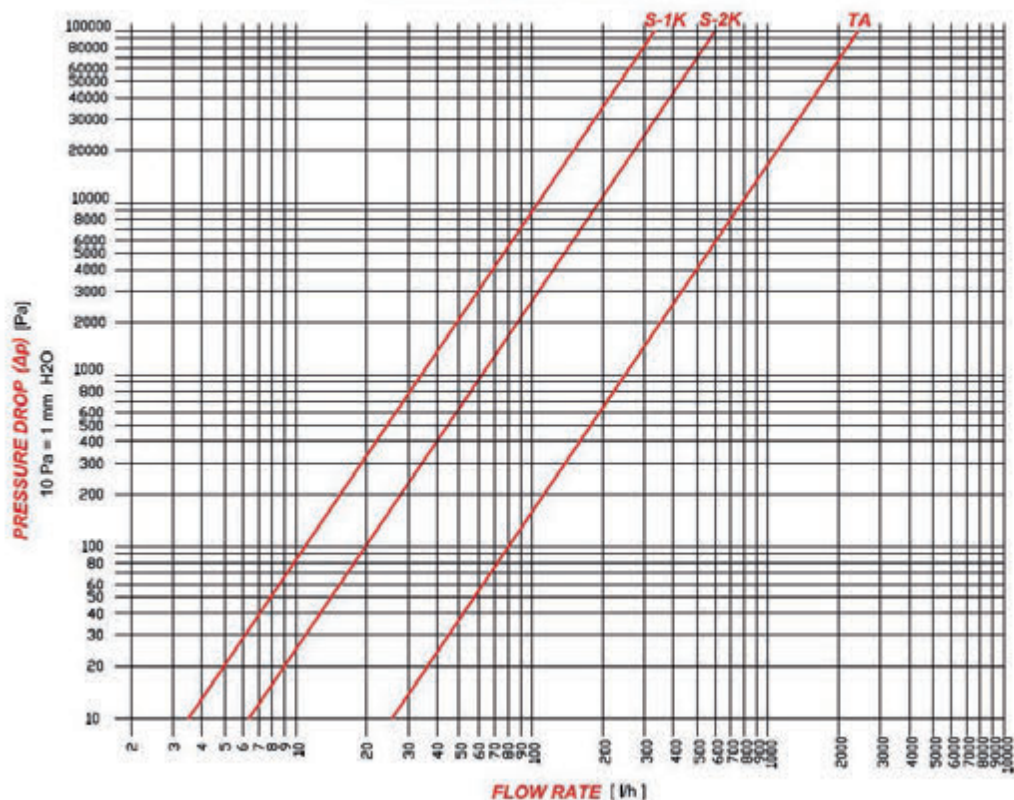
ART. 111100AC06 (OPTIONAL)
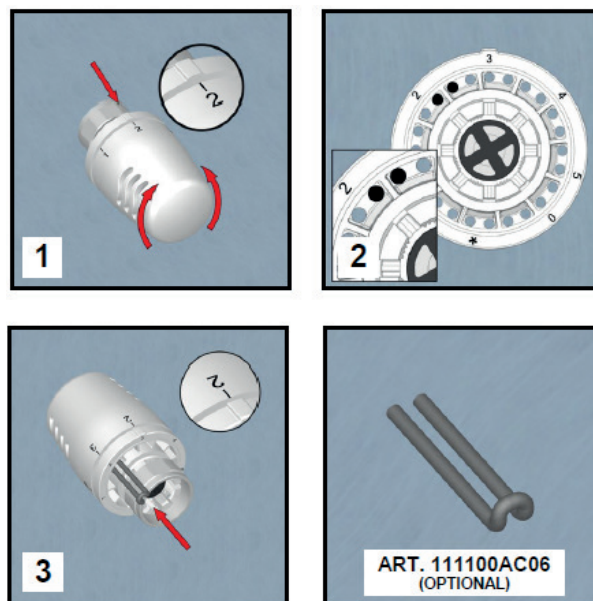
CAUTION

⚠️ During the summer to avoid excessive loads on the seal of the thermostatic head, with the consequent risk of jamming and blocking, it is advisable to position the knob in the maximum opening position.

Hydraulical Features
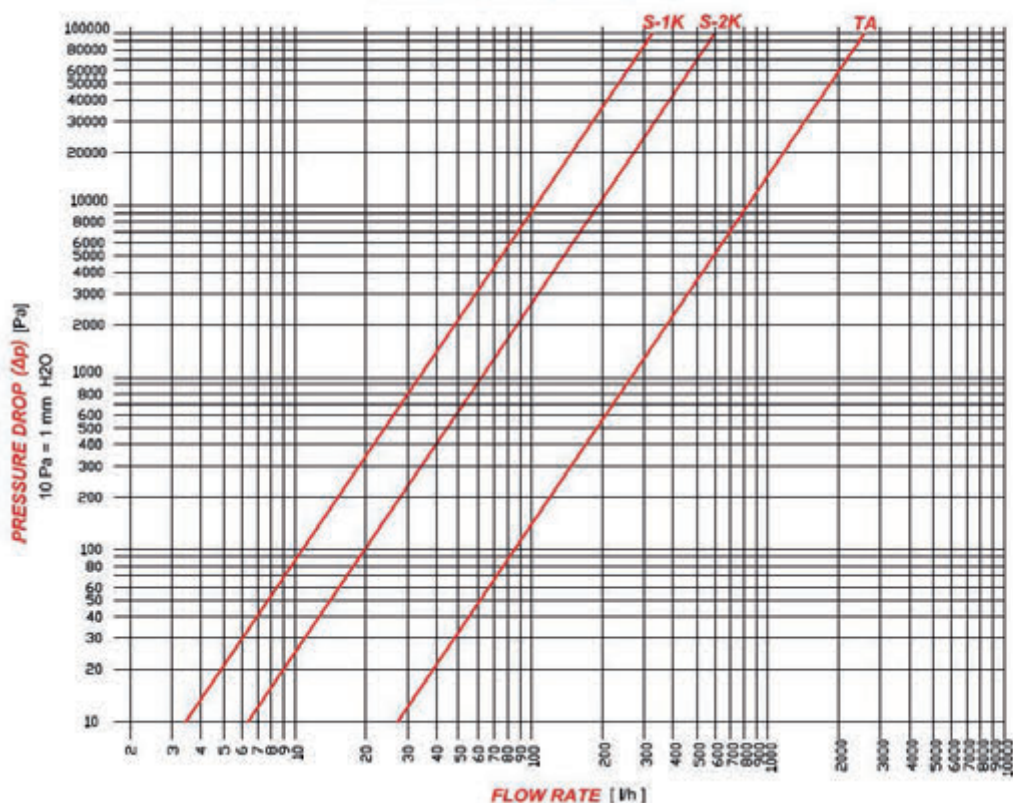
Thermostatic Valve 774 - 1/2"

PRESSURE DROP DIAGRAM

	Kv (m³/h)
TA	2,21
S-2K	0,60
S-1K	0,33

Thermostatic Valve 774 - 3/4"

PRESSURE DROP DIAGRAM

	Kv (m³/h)
TA	2,53
S-2K	0,60
S-1K	0,33