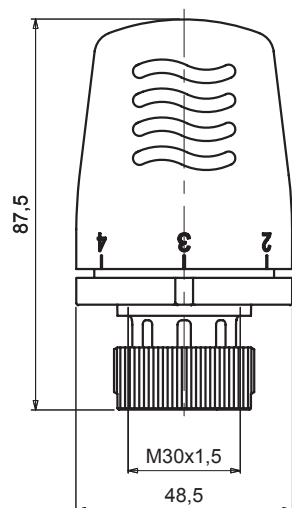


Function

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 1101 is equipped with a liquid sensor.

Dimensions



Product Range

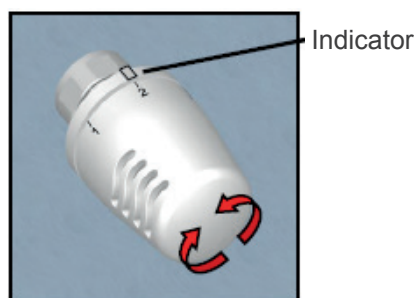
SERIES	CODE	CONNECTION
1101	821101AC20	30x1,5



Technical Features

Adjustment scale:		* ÷ 5
Temperature regulation range:		7 ÷ 28 °C
Savings condition (position):		20 °C (3)
Minimum adjustment setting (antifreeze position):	ts min	7 °C (*)
Maximum setting adjustment (position):	ts max	28 °C (5)
Maximum working pressure:	N	1000 KPa
Maximum differential pressure:	Δp	100 KPa
Nominal flow - angled and straight valve:	qm N	190 Kg / h
Response time:	Z	20 min
Authority:	at	0.9
Hysteresis:	C	0.19 K
Influence of differential pressure:	D	0.25 K
Influence of water temperature:	W	0,7 K
Maximum working temperature:		110 °C
Maximum storage temperature:		50 °C

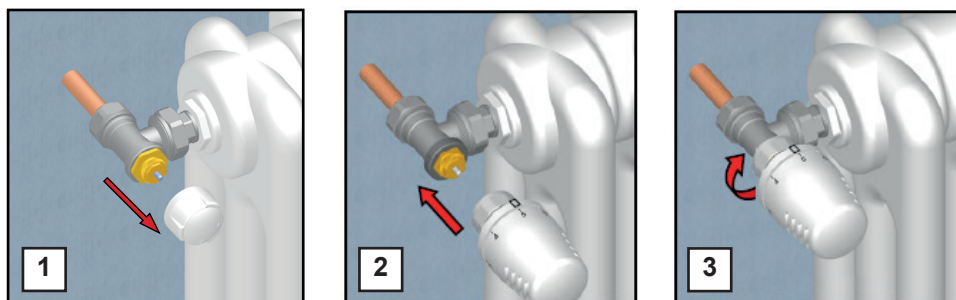
Temperature Adjustment



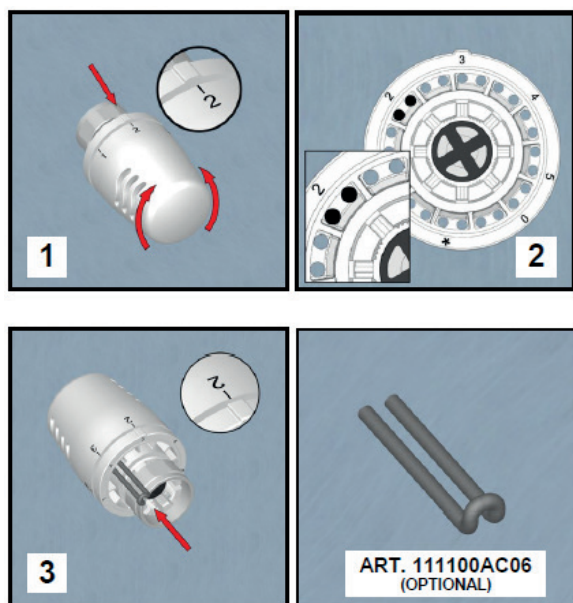
ADJUSTMENT SCALE

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

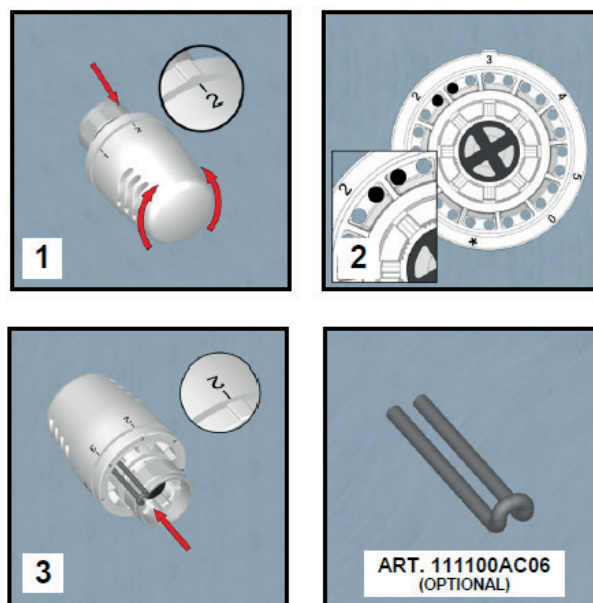
Installation



Temperature Block



Temperature Limitation



CAUTION

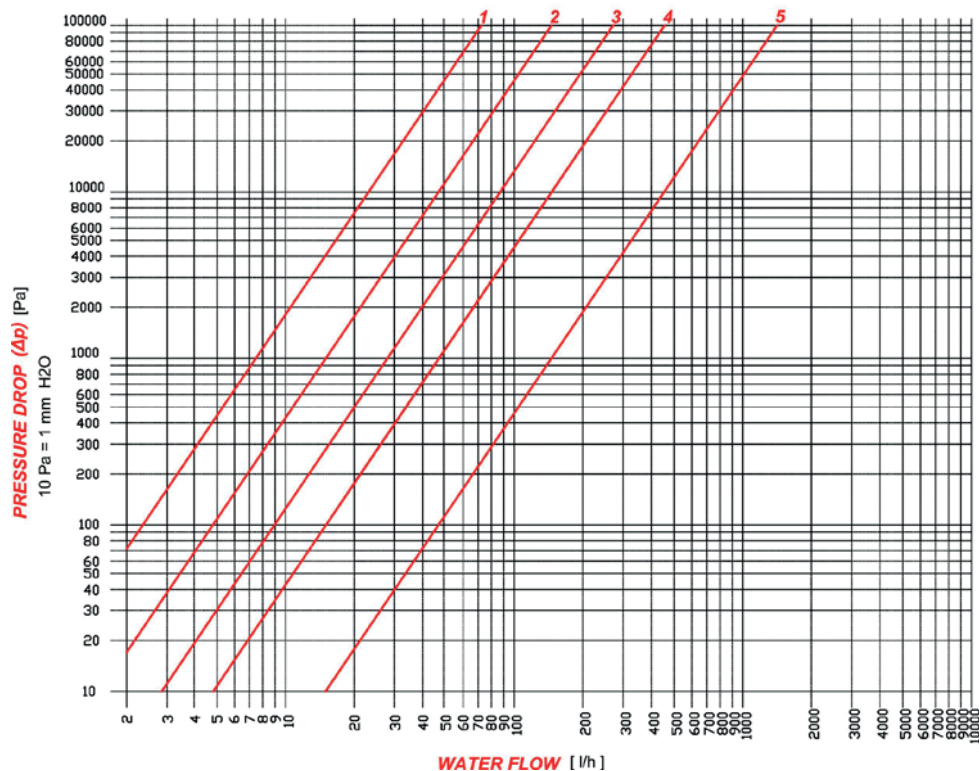


During the summer to avoid excessive loads on the seal of the thermostatic head, with the consequent risk of jamming and blocking, it is advisable to position the knob in the maximum opening position.

Hydraulical Features

Angled thermostatic valve with pre-setting $G \frac{1}{2}"$ - Art. 776

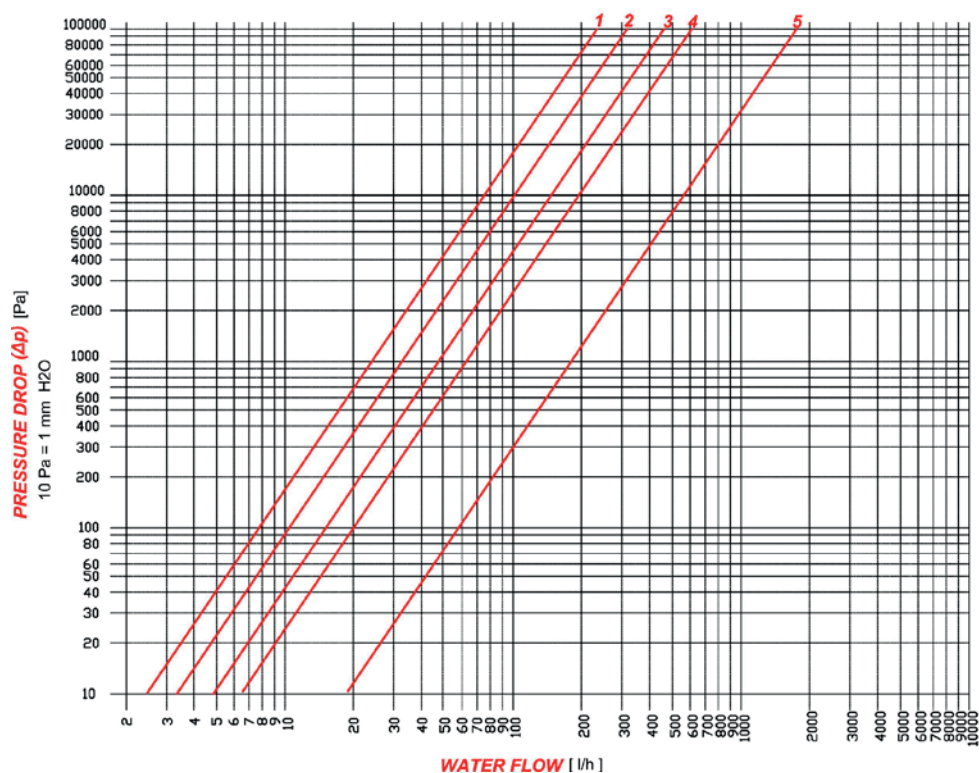
PRESSURE DROP DIAGRAM



Kv [m ³ /h]	
1	0,07
2	0,16
3	0,28
4	0,46
5	1,45

Angled thermostatic valve with pre-setting $G \frac{3}{4}"$ - Art. 776

PRESSURE DROP DIAGRAM



Kv [m ³ /h]	
1	0,24
2	0,32
3	0,46
4	0,62
5	1,81