

**Thermostatic valve high flow**



**Description**

The COMAP thermostatic fixed Kv (high flow) valves are suitable for all COMAP thermostatic head M30. They work as permanent proportional regulators. Together with the head, they react to temperature variations of the room. If room temperature increases, thanks to sunshine for example, the head sensor will expand and move and the valve's seat limiting water circulation into the radiator or coil.

These valves are equipped of a fixed limitation of the flow. They can be used on two-pipe heating installation with pump.

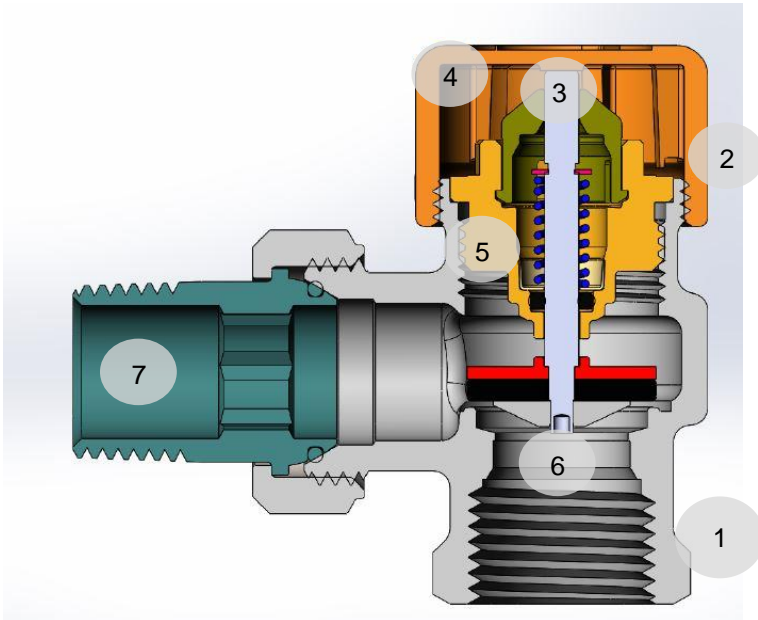
**Versions**

Shape	Angle, Straight
Radiator connection	1/2", 3/4"

**Benefits**

- Around 60% of the total energy consumption of a 100 m2-standard dwelling is dedicated to heating application. Thanks to regulation, 10% of savings can be implemented.

## Conception



1. Body
2. O-ring : Ethylene-propylpropylene, anti freeze resistant
3. Spindle
4. Protective cap : recycle plastic
5. Spring : stainless steel
6. Profiled valve seat
7. Union nut (metal/metal)

## Material

Body : Hot stamped brass with nickel plated finish  
Anti-sticking Valve disc and EPDM o'ring  
O'rings (insert and stem seals): Ethylene-polypropylene, anti-freeze resistant  
Protective cap : recycled plastic  
Spring: stainless steel  
Insert : « high resistance » brass

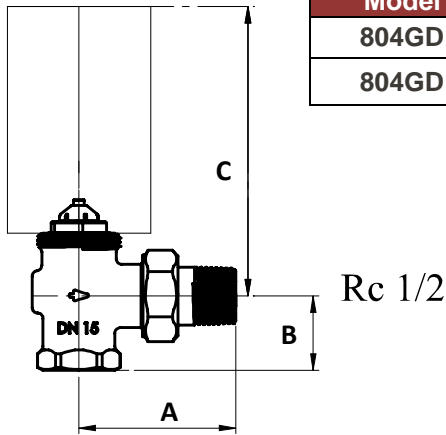
## Applications

For standard hot-water heating applications, within the following ratings:

- Maximum pressure of use: 10 bar
- Maximum temperature of use: 110 ° C
- Maximum differential pressure : 0.6 bar

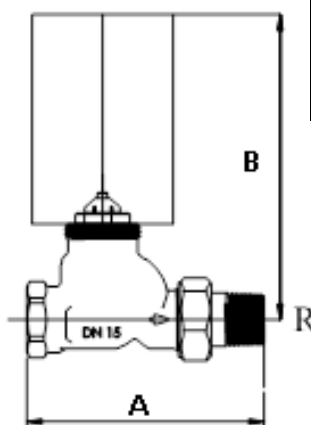
**Dimensions**

**804 GD**





Model	Code	Rp	Rc	A	B	C
804GD	L212001001	1/2"	1/2"	58	26	108.5
804GD	L212001002	3/4"	3/4"	66	29	109

**805 GD**



Model	Code	Rp	Rc	A	B
805GD	L212001003	1/2"	1/2"	95	123.5
805GD	L212001004	3/4"	3/4"	106	119.5

**Product range**

Picture	Model	Size	Kv (m3/h)	Kvs (m3/h)	Code
	Angle	1/2"-1/2"	1.2	4.5	L212001001
		3/4"-3/4"	1.2	5.5	L212001002
	Straight	1/2"-1/2"	1.2	3.5	L212001003
		3/4"-3/4"	1.2	4.5	L212001004

**Kv flow chart**

