



sensotherm radiator valves

**Senso
therm**
control with style

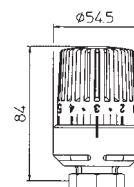
radiator valves

Why not compliment your choice of Sensotherm radiator with a high quality Sensotherm valve. The Sensotherm range of valves are manufactured under an OEM agreement with Oventop of Germany so high quality is assured, from their excellent aesthetics to their tremendous build quality, Sensotherm valves really do make sense.



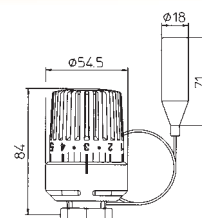
Liquid filled thermostat To suit all Sensotherm valve bodies . . .

- UK Style graduations.
- Range 7 - 28°C with '0' setting.
- Security clips allow limiting and locking of temperature.



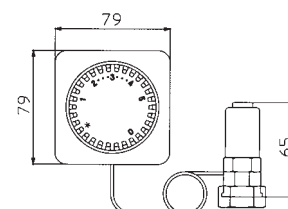
Liquid filled thermostat with remote sensor . . .

- UK Style graduations.
- Range 7 - 28°C with '0' setting.
- Security clips allow limiting and locking of temperature.
- Capillary lengths available 2, 5 or 10 metre.



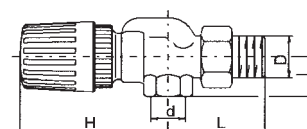
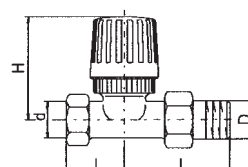
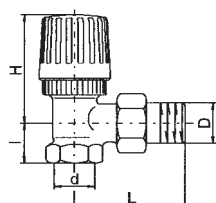
Remote control valve With UK style graduations . . .

- Range 7 - 28°C with '0' setting.
- Security clips allow limiting and locking of temperature.
- Capillary lengths available 2, 5 or 10 metre.
- Also available with additional remote sensor.
- Remote control box depth 54mm.



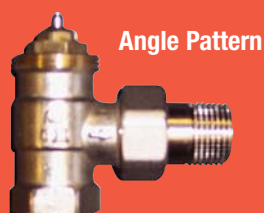
Sensotherm manual radiator valve . . .

- Available in angle, reverse angle & straight pattern forms.
- Max working temperature 120°C, low pressure steam 0.5 bar (110°C max working temperature), max differential pressure 1 bar.
- Can be converted to thermostatic operation.
- Bronze/brass valve with nickel plated body and stainless steel stem.
- Kv 0.95 (at 2KP deviation). For pumped two pipe systems PN10.

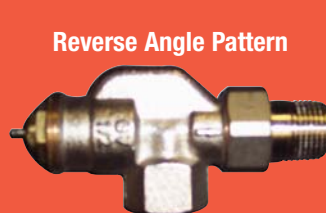


| DN | 10 | | | 15 | | | 20 | | | 25 | | |
|--------------|------|----|----|------|----|----|------|----|----|----|----|---|
| D EN10226 | 3/8" | | | 1/2" | | | 3/4" | | | 1" | | |
| d EN10226 | 3/8" | | | 1/2" | | | 3/4" | | | 1" | | |
| L | 52 | 52 | 52 | 58 | 59 | 57 | 66 | 63 | 64 | 75 | 80 | - |
| I | 22 | 33 | 22 | 28 | 37 | 27 | 29 | 43 | 47 | 34 | 45 | - |
| H | 73 | 78 | 89 | 73 | 78 | 87 | 71 | 76 | 84 | 75 | 78 | - |

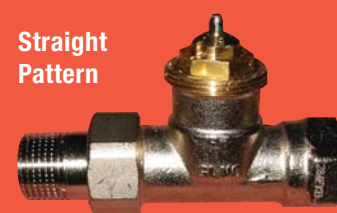
radiator valve bodies



Angle Pattern



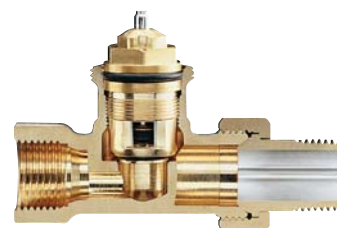
Reverse Angle Pattern



Straight Pattern

Type AV6 double regulating valve for 2 pipe systems . . .

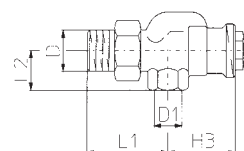
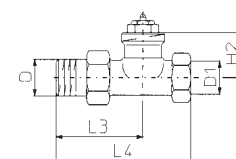
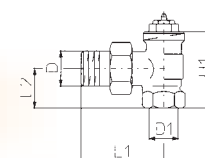
- Sensotherm radiator valve body available in angle, reverse angle & straight pattern forms.
- Max working temperature 120°C. • Max working pressure 10 bar.
- Adjustable Kv through 6 settings. • Bronze / brass valve with nickel plated body & stainless steel stem.



Type AZ high capacity valve for 1 or 2 systems . . .

- Sensotherm radiator valve body available in angle, reverse angle & straight pattern forms.
- Max working temperature 120°C (low pressure steam 0.5 bar 110°C max working temperature).
- Bronze / brass valve with nickel plated body & stainless steel stem. • Max working pressure 10 bar.

| DN | D DIN 2999 | D ₁ DIN 2999 | L ₁ | L ₂ | L ₃ | L ₄ | H ₁ | H ₂ | H ₃ |
|----|------------|-------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 10 | 3/8" | 3/8" | 52 | 22 | 52 | 85 | 47.5 | 28.5 | 41.5 |
| 15 | 1/2" | 1/2" | 58 | 26 | 59 | 95 | 50 | 28.5 | 40 |
| 20 | 3/4" | 3/4" | 66 | 29 | 63 | 106 | 53 | 28.5 | 37 |
| 25 | 1" | 1" | 75 | 34 | 80 | 125 | 61 | 28.5 | - |
| 32 | 1 1/4" | 1 1/4" | 86 | 39 | 90 | 150 | 68.5 | 33.5 | - |



The valve inserts of both the AV6 & AZ range can be changed under working conditions, without need to drain the system by using the 'Demo-Bloc' Service Tool. Please see the accessory section for the Demo-bloc tool and valve inserts.

Lockshield valve - available in angle + straight pattern form . . .

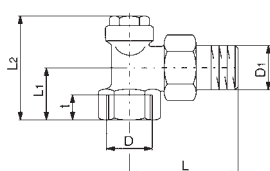
- 4 functions - isolating, regulating (with memory), filling and draining.
- Max working temperature 120°C. • Max working pressure 10 bar.
- Bronze / brass body, nickel plated.

| 1. ANGLE PATTERN FEMALE THREAD | | | | | | | 2. STRAIGHT PATTERN FEMALE THREAD | | | | | | |
|--------------------------------|------|----------------|----|----------------|----------------|------|-----------------------------------|------|----------------|----|----------------|----------------|------|
| DN | L | D ₁ | L | L ₁ | L ₂ | t | DN | L | D ₁ | L | L ₁ | L ₂ | t |
| 10 | 3/8" | 3/8" | 52 | 22 | 47.5 | 10.1 | 10 | 3/8" | 3/8" | 75 | 51.5 | 34 | 10.1 |
| 15 | 1/2" | 1/2" | 58 | 26 | 52 | 13.2 | 15 | 1/2" | 1/2" | 80 | 53.5 | 34 | 13.2 |
| 20 | 3/4" | 3/4" | 66 | 29 | 58 | 14.5 | 20 | 3/4" | 3/4" | 91 | 62 | 34.5 | 14.5 |

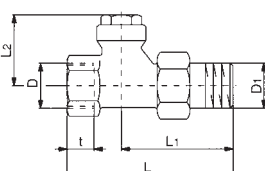
If the Sensotherm valves are to be connected to Copper pipe please advise Sensotherm at time of order so that the necessary compression fittings can be supplied.



1. ANGLE PATTERN FEMALE THREAD



2. STRAIGHT PATTERN FEMALE THREAD



Sensotherm radiator valves fully comply with the EN215 standard and BS standards BS6284, BS7478 and BS7556.

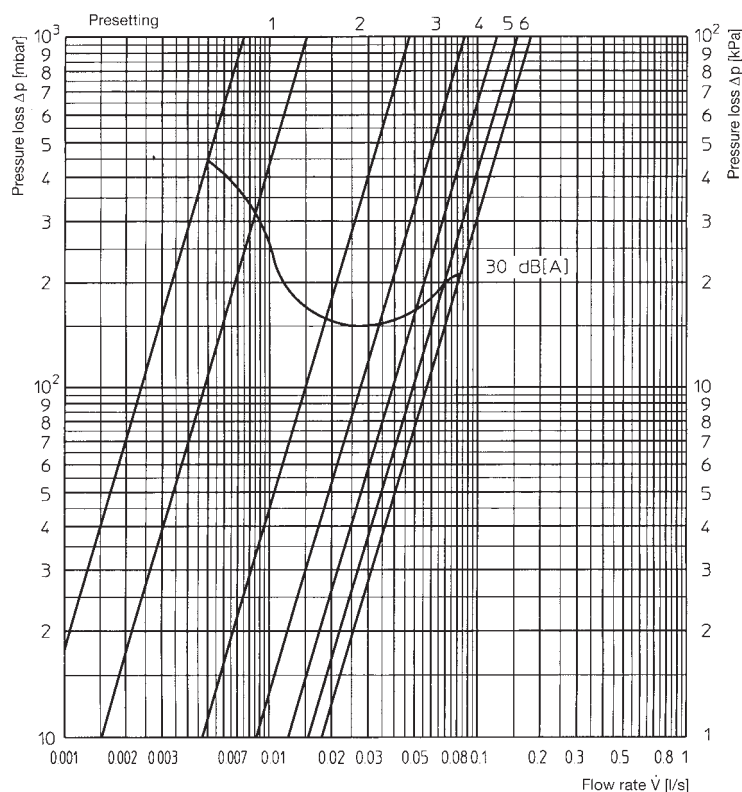
Warning: The Sensotherm Valve range contains EPDM disks and seals. Hydrocarbons, including cutting oils/greases will have an adverse effect on EPDM components (such as valve seals, pump seals and flexible connections in pipework system).

It is therefore essential that pipework systems are thoroughly cleaned of any residues and that the use of water treatments containing mineral oils is avoided.

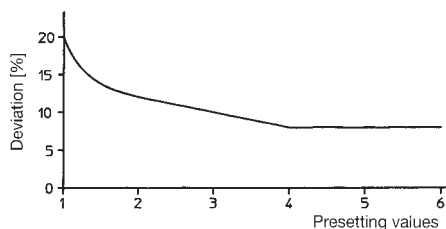
radiator valves

accessories

data for model AV6



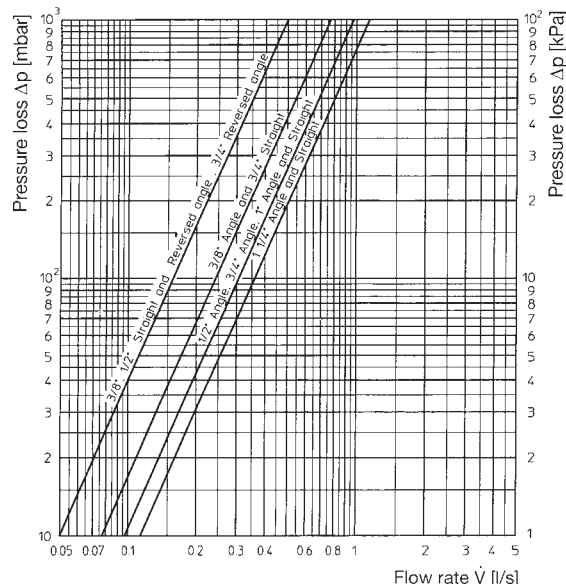
Flow tolerances depending on the presetting:
According to DIN EN 215 at 2K P- deviation



performance data: all patterns & sizes

| Presetting | 1 | 2 | 3 | 4 | 5 | 6 |
|-------------------------------|-------|-------|-------|-------|------|------|
| Kv value at 1K P- deviation | 0.055 | 0.141 | 0.221 | 0.247 | 0.28 | 0.32 |
| Kv value at 1.5K P- deviation | 0.055 | 0.170 | 0.296 | 0.370 | 0.42 | 0.49 |
| Kv value at 2K P- deviation | 0.055 | 0.170 | 0.313 | 0.446 | 0.56 | 0.65 |

data for model AZ



Due to the continued process of product improvement, Sensotherm reserve the right to alter specification without prior notice.



Security clip removal tool



Anti-theft ring, to fit all thermostats & bodies - white



Deco-ring - to conceal thermostat / body connection - white



Reinforcing cap - not lockable - white

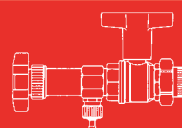
Reinforcing cap - lockable - white



Cover for all patterns of remote sensor - white



Manual head for all TRV bodies with M30 x 1.5 connection thread - white



"Demo-Bloc Service Tool"
For replacing radiator valve inserts under working conditions - without the need to drain the system



Valve insert "Series AV 6" with presetting



Valve insert "Series AZ"

**Senso
therm**
control with style

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