



The Oventrop Quality Management System is certified to DIN-EN-ISO 9001

Tender specification:

Oventrop manual radiator valves "Series HRV", connection thread M 30 x 1.5 with infinitely adjustable presetting.

Working temperature t_s : 2°C up to 120°C
(for short periods up to 130°C)

Max. working pressure p_s : 10 bar (PN 10)

Low pressure steam 0.5 bar, 110°C

Body nickel plated. Installation dimensions according to EN 215.

Stem with double O-ring seal.

Connection for threaded and copper pipes as well as Oventrop composition pipe "Copipe".

Function:

Oventrop manual radiator valves "Series HRV" permit a precise manual control of the room temperature. The radiator heat output is proportional to the setting of the handwheel. A special profile valve disc permits a precise regulation of the flow.

The concealed infinitely adjustable presetting can be carried out easily, quickly and exactly by using a screwdriver. Unauthorised tampering is thus prevented.

The valve body is identical with the Oventrop thermostatic radiator valves. This permits a conversion to thermostatic operation by simply replacing the valve inserts. By using the Oventrop special tool "Demo-Bloc" this conversion can be carried out without draining the heating system.

Advantage:

Oventrop manual radiator valves "Series HRV" with presetting guarantee the exact hydronic balancing of the heating system. They offer a good manual control as well as the possibility of a subsequent, simple and economical conversion to thermostatic operation.

Application:

One and two pipe central heating systems, max. working pressure 10 bar, working temperature 2°C up to 120°C (for short periods up to 130°C), irrespective of the type of heat source as well as for steam 0.5 bar, 110°C.

Standard connection for threaded pipes. For the connection of standard copper, stainless steel, precision steel and plastic pipes, the Oventrop programme includes the corresponding connection elements. When using compression fittings, the "Ofix" compression fittings are to be used. The Oventrop composition pipe "Copipe" is connected by use of the compression fittings "Cofit S" or the press fittings "Cofit P".

Materials:

Body nickel plated. Installation dimensions according to EN 215. Inner parts and coupling made of brass. Stem with double O-ring seal. Handwheel made of heatproof and impact resistant plastic compound.

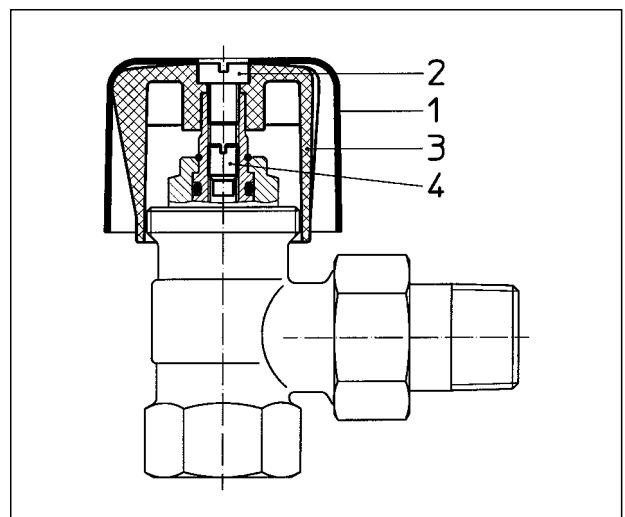
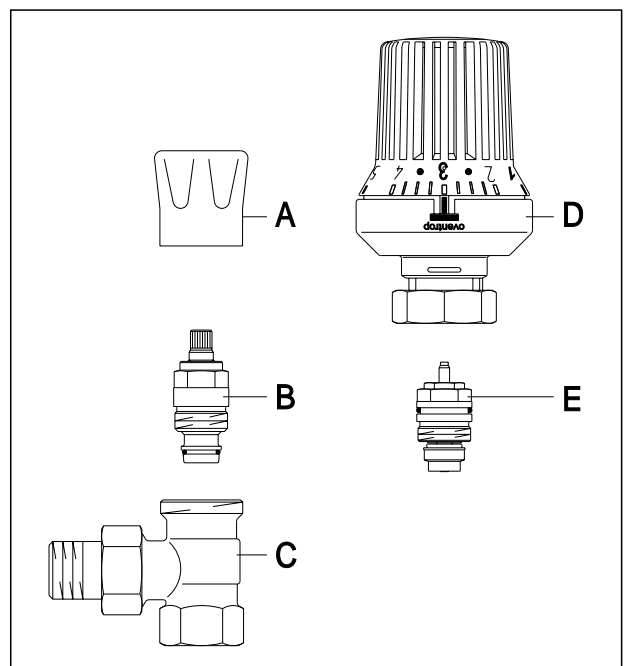
Conversion to thermostatic operation:

- Remove handwheel (A).
- Unscrew valve insert (B) from the valve body (C).
- Fit new valve insert (E).
- For control, chose a thermostat with connection thread M 30 x 1.5 (e.g. illustr. D Δ "Uni XH").

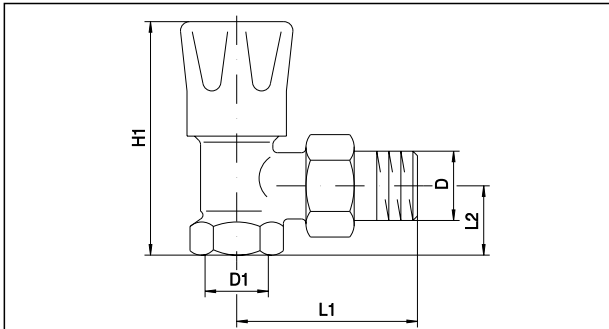
Presetting:

Remove protection cap (1). Unscrew cheese head screw (2). Close valve insert by turning the handwheel (3). Turn pin (4) to the right until stop by using a screwdriver.

Now turn pin to the left according to the number of turns taken from the chart. Refit cheese head screw (2). The valve is preset now.

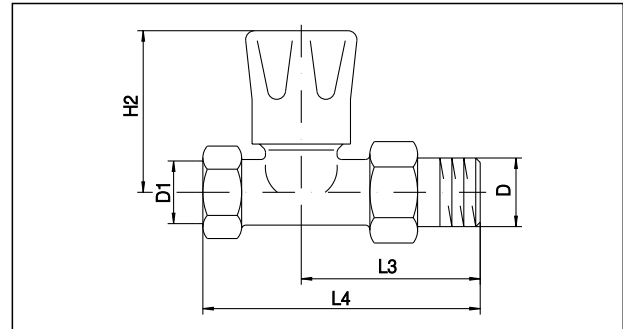


Dimensions:



DN	D EN 10226	D ₁ EN 10226	L ₁	L ₂	H ₁	Item no.
10	R 3/8	Rp 3/8	52	22	76	119 15 03
15	R 1/2	Rp 1/2	58	26	82	119 15 04
20	R 3/4	Rp 3/4	66	29	82	119 15 06
10	R 3/8	Rp 3/8	49	20	76	119 45 03
15	R 1/2	Rp 1/2	54	23	79	119 45 04
20	R 3/4	Rp 3/4	63	26	79	119 45 06

Angle pattern

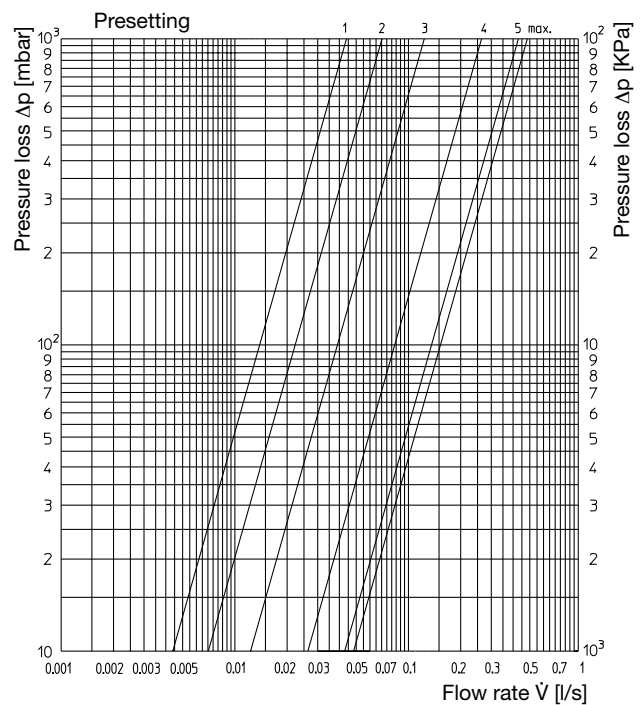
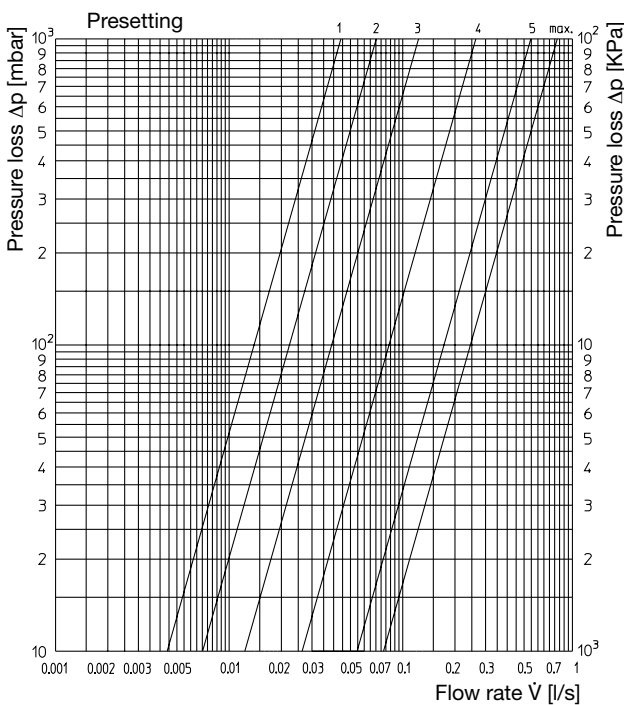


DN	D EN 10226	D ₁ EN 10226	L ₃	L ₄	H ₂	Item no.
10	R 3/8	Rp 3/8	52	85	59	119 16 03
15	R 1/2	Rp 1/2	59	95	60	119 16 04
20	R 3/4	Rp 3/4	63	106	58	119 16 06
10	R 3/8	Rp 3/8	50	75	59	119 46 03
15	R 1/2	Rp 1/2	56	83	60	119 46 04
20	R 3/4	Rp 3/4	63	98	58	119 46 06

Straight pattern

DN 10, DN 15 and DN 20 angle pattern

DN 10, DN 15 and DN 20 straight pattern



Subject to technical modification without notice.

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