

APPLICATIONS:

Point of use mixing for a single bath or multipoint outlets such as wash-hand basins and showers in hospitals, schools, sport and leisure centres, prisons and other public buildings.

KEY FEATURES:

- Every valve performance tested in production
- Type 3 Approved thermostatic mixing valve for LP and HP designations
- Accurate and reliable temperature control
- Full bore strainers protect internal valve mechanism and downstream fittings
- Automatic shut off if hot or cold water supply fails
- Easy installation, commissioning and maintenance
- UK Water Reg 4 compliant (non-metallic materials in contact with potable water)



Above Left and Middle: H20-11B (bronze) and H20-11C (chrome) complete with check valves, angle pattern inlets and strainers

Above Right: H20-21B complete with check valves, angle pattern inlets, strainers and isolating valves.
Right: Horne 20 with isolating valves and wall mounting bracket, and (below) with cover kit.

SPECIFICATION REFERENCES

A number of variants of the HORNE 20 TMV are available in either **bronze (B)** or **chromium plated (C)** finish:

HORNE 20 TMV

WITH integral check valves and strainers...
PLUS wall mounting kit.....
PLUS white plastic cover.....

OR

HORNE 20 TMV

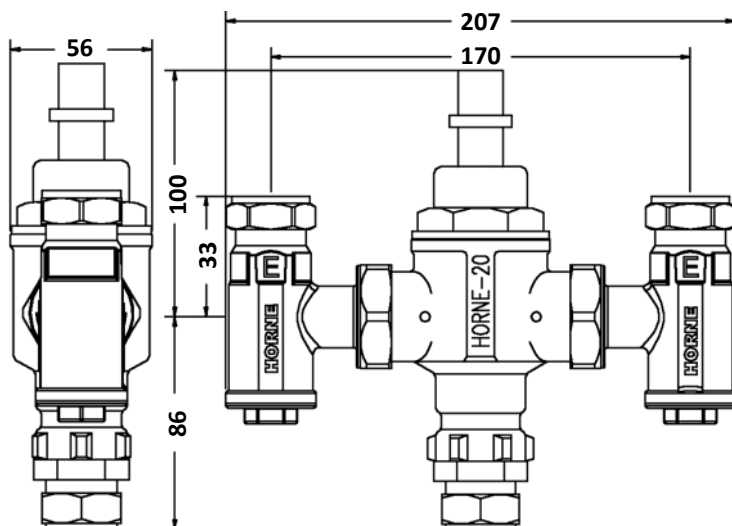
WITH integral check valves, strainers and **isolating valves**.....
PLUS wall mounting kit.....
PLUS white plastic cover.....

PRODUCT REF
H20-11B / H20-11C
H20-12B / H20-12C
H20-13B / H20-13C

H20-21B / H20-21C
H20-22B / H20-22C
H20-23B / H20-23C

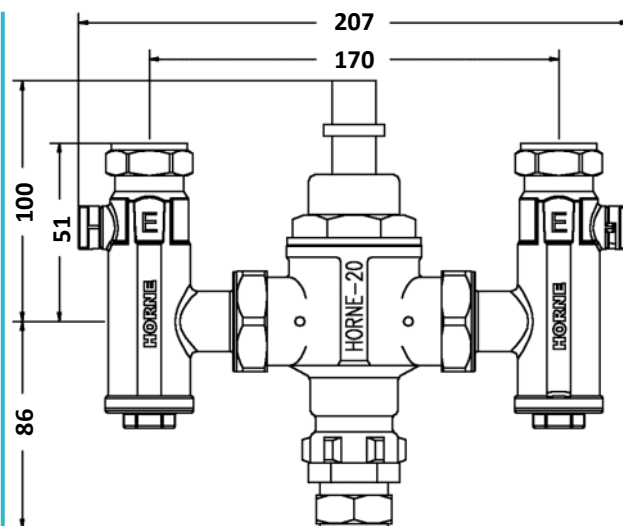


HORNE 20 with white plastic cover

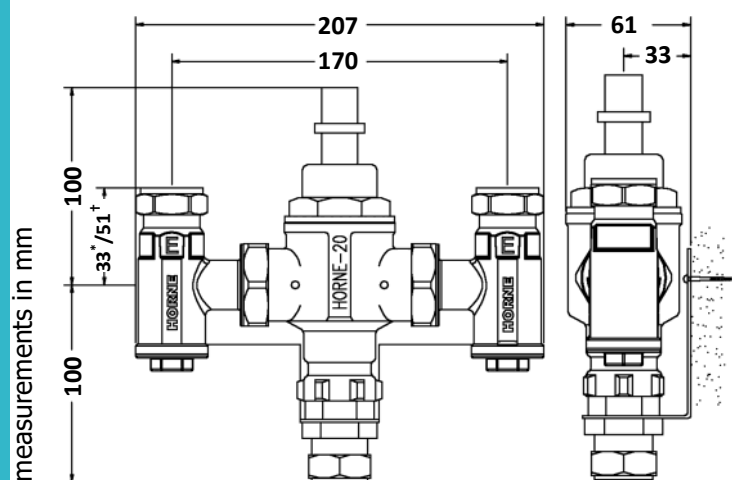


PROFILE

H20-11 models

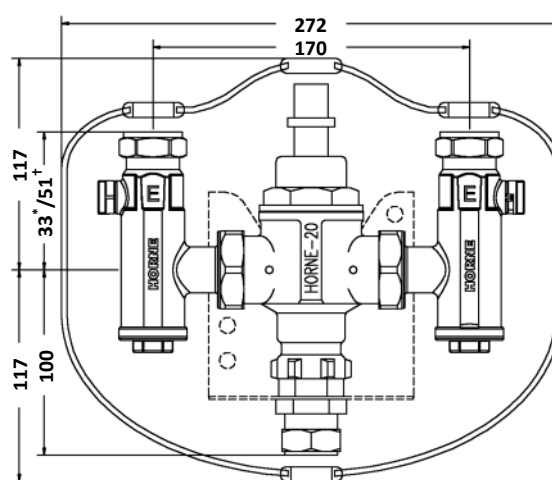


H20-21 models



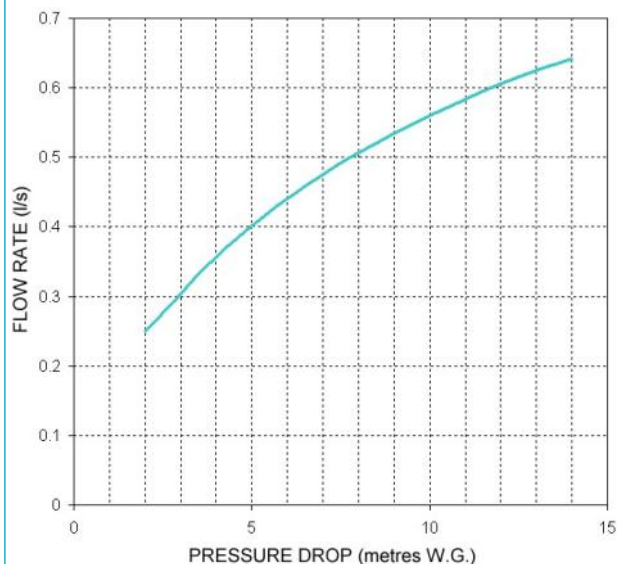
All measurements in mm

***H20-12 and †H20-22 models**



***H20-13 and †H20-23 models**

-sizing chart



Operating Parameters

Temp. setting at factory	41°C
Range of temp. adjustment	35 - 46°C
Range of hot water supply temp.	55 - 65°C
Maximum static pressure	10 bar
Range of maintained water supply pressures	0.2 - 5 bar

Unequal pressures are usually acceptable if gravity-pressure supplies one of the inlets: minimum 0.2 Bar. The lower of the two pressures will determine the flow rate.

When both supplies are pumped, pressures should be nominally equal.



Certificate No. FM 1224

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