

## 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
- TMV3 Approved for LP and HP designations
- Accurate and reliable temperature control
- Full bore strainers help protect internal valve mechanism and downstream fittings
- Automatic shut off if hot or cold water supply fails
- Easy installation, commissioning and maintenance
- WRAS approved



Certificate No. BC308/0907



H20-11B complete with integral check valves and strainers



H20-21B complete with integral check valves, strainers and isolating valves



HORNE valve with wall mounting kit



HORNE 20 with white plastic cover

## 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**

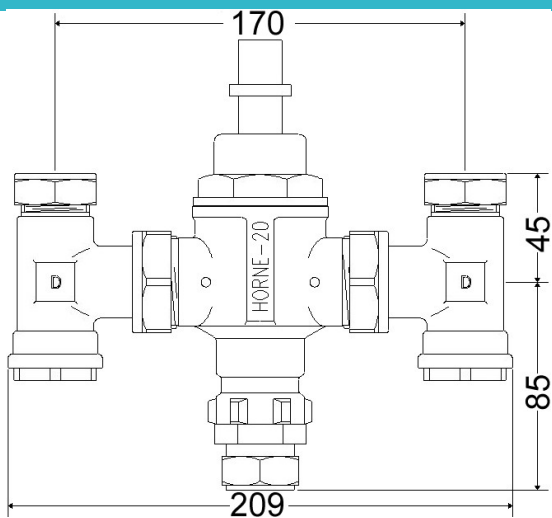
**H20-12B / H20-12C**

**H20-13B / H20-13C**

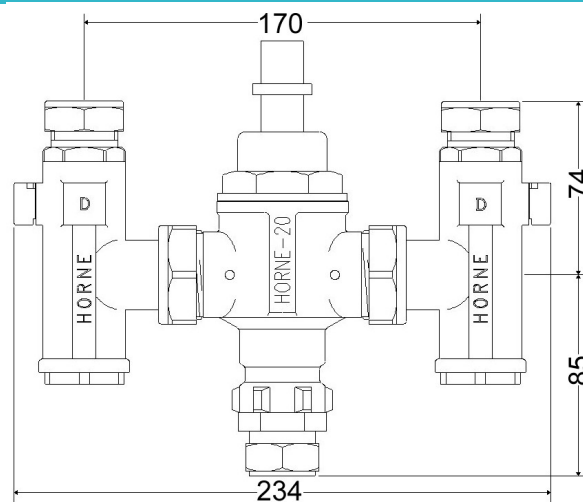
**H20-21B / H20-11C**

**H20-22B / H20-12C**

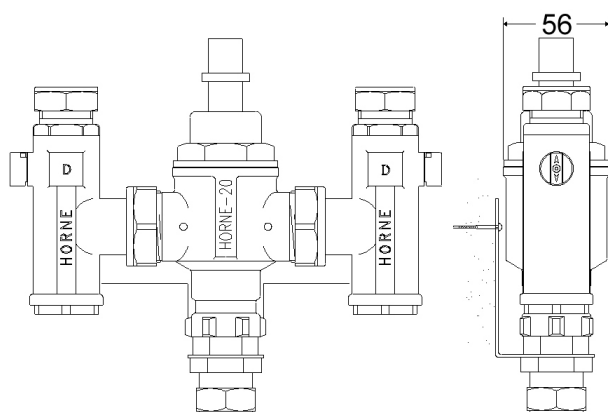
**H20-23B / H20-13C**



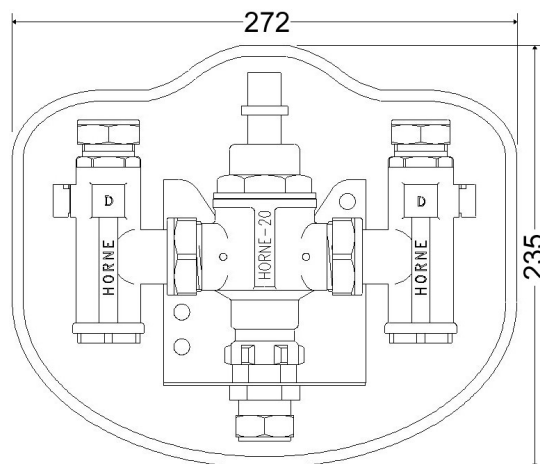
H20-11B / C



H20-21B / C

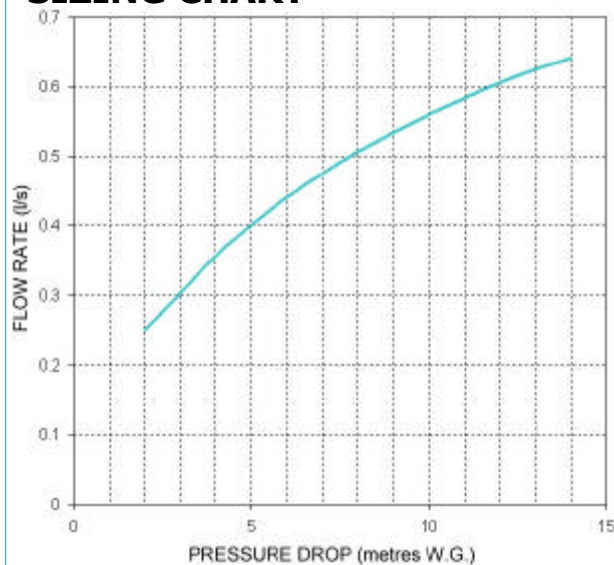


H20-22B / C



H20-13B / C and H20-23B / C

## -sizing chart



## operating parameters

Temp. setting at factory	41°C
Range of temp. adjustment	35 - 50°C
Range of hot water supply temp.	52 - 85°C
Minimum differential between hot water temp. and mixed water temp.	5°C
Maximum static pressure	10 bar
Range of maintained water supply pressures	0.2 - 5 bar

Hot and cold water supply pressures do not need to be equal. The lower of the two pressures, however, should not be less than 0.2 bar maintained.



Certificate No. FM 1224



HORNE ENGINEERING Ltd, PO Box 7, Rankine Street, Johnstone, PA5 8BD  
 Tel: +44 (0)1505 321455 Fax: +44 (0)1505 336287 email: sales@horne.co.uk web: www.horne.co.uk