

Healthcare Mixing Valve HMV3



BC 530 1209



97159 - Healthcare mixing valve HMV3 - 22 mm compression with 15mm reducing sets supplied



HMV3 - 15 mm with union or 22 mm with union

WRAS
APPROVED
PRODUCT

- New exclusive design.
- Comply with EN1111 and with NHS D08 TMV3.
- Easily installed thermostatic mixing valve.
- Prevent the end user from adjusting the temperature.
- Outstanding reliability.
- DZR Brass body.
- Stainless steel strainers in the Hot and Cold inlets.
- Can be installed in any position.

WATTS
INDUSTRIES

A Division of Watts Water Technologies Inc.



Application :

MMV thermostatic mixing valve, TMV3 approved for the following designations : HP-B (High Pressure Bidet), HP-S (High Pressure Shower), HP-W (High Pressure Washbasin), HP-T44 (High Pressure bath with fill temperature up to 44°C), LP-B (Low Pressure Bidet), LP-S (Low Pressure Shower), LP-W (Low Pressure Washbasin).
Ideal to protect vulnerable people from scalding : retirement homes, hospitals, nursing homes...

Scald protection :

Rapid fail safe if either cold or hot water supply is interrupted (comply with EN1111 and with NHS D08 TMV3).

Features :

- Ensures high temperature stability.
- Easily installed thermostatic mixing valve.
- Prevent the end user from adjusting the temperature.
- Outstanding reliability.
- DZR Brass body. Nickel plated finish.
- Stainless steel strainers in the Hot and Cold inlets : SS 1.4310 - mesh 350µ.
- Compliance with standard EN1111, NHS D08 TMV3 approved (BC 530 1209), WRAS certificate (1003002).
- Can be installed in any position.

Spécifications :

- Temperature : accurate to within 1°C of chosen temperature (with balanced dynamic pressure).
- Pressure at the valve inlets must be within the 10:1 ratio under flow conditions.

The size and layout of pipework and in-line fittings must take this into consideration. Optimum performance achieved with equal pressure.

- Head loss under dynamic pressure at the mixer inlets is shown by the curve.
- Maximum static pressure : 10 bar.
- Operating pressure : 0,2 to 5 bar.
- Hot temperature supply : 52* - 85°C, *differential minimum hot/mix temperature must be 10°C.
- Cold temperature supply : 5 - 20°C.
- Temperature setting range : 30 to 50°C.
- Flow rate at 3 bar : 33 l/min - Flow rate at 1 bar : 18 l/min.
- Flow mini : 5 l/min.
- Body strength : 25 bar.

Quality :

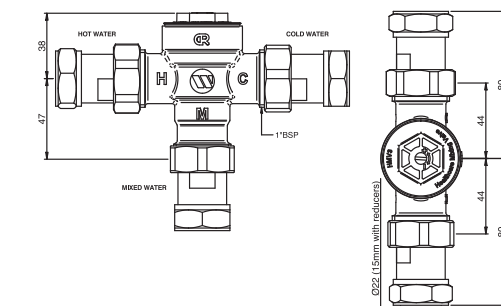
The operating simplicity of WATTS mixing valves results from their ease of implementation and the unparalleled quality of the result.

- Outstanding customer Service : product widely distributed across Europe.
- Guarantee : mixing valve 1 year guaranteed.
- Manufacturer : WATTS INDUSTRIES France has ISO 9001 certification (2000 version) through the BVQI (Bureau Veritas Quality International).
- Market background and know-how : present since 1947.

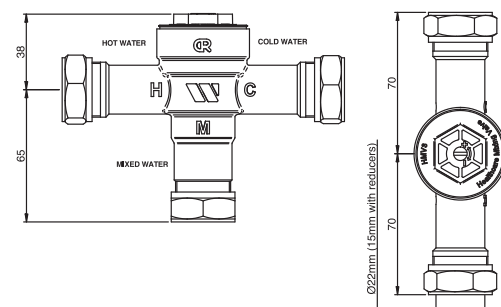
Range :

Designation	code ref
Healthcare mixing valve HMV3 - 15/22 mm direct fittings	97159
Healthcare mixing valve HMV3 - 15 mm	97166
Healthcare mixing valve HMV3 - 22 mm	97167

Dimensions (in mm)

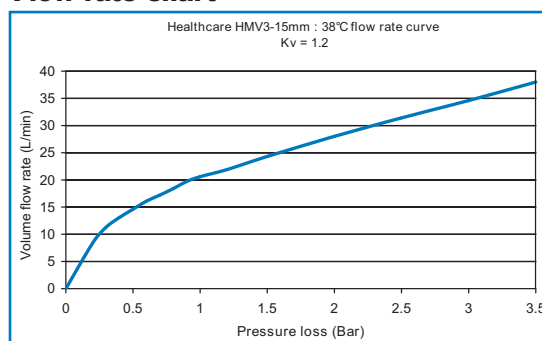


15 mm ref: 97166 / 22 mm ref: 97167



15/22 mm direct fittings ref: 97159

Flow rate chart



Materials :

Designation	material
Body	brass DZR
Finish	nickel plated
Spring	stainless steel
Mechanism	CW 614N
Piston	PSU (polysulfone polymer)
O-ring	EPDM

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