

RELIABLE LATERAL FIXING DESIGN



VERNET TECHNOLOGY

The VT30 is a flagship thermostatic cartridge with a reliable lateral fixing system:

- / Enables easy assembling
- / Lateral fixing system withstands water hammer effects
- / Recommended for high flow faucets
- / Includes a special Vernet® thermostatic element
- / Resists up to 35 bar (508 psi) under static pressures
- / Made from high quality polymer that resists lime scale
- / Offers long life product efficiency
- / Patented design

APPLICATIONS



Bath / Shower / Mixing Valve

TEMPERATURE CONTROL



The VT30 ensures a stable & accurate mixed outlet water temperature:

- / Temperature regulation range is from 15°C to 60°C (59°F to 140°F)
- / Preset at comfort temperature point: 38°C (100.4°F)
- / Provides an accurate and easily adjusted temperature setting 34°C to 42°C (93.2°F to 107.6°F)
- / Tailored for temperature limitation at 50°C (122°F), disinfection at 70°C (158°F)
- / **Water flow shutdown upon cold water supply failure**

QUALITY & CERTIFICATIONS

- 100% quality control : Each cartridge is individually checked for stability, flow, operating torque, leakage and anti-scald function
- Solution for international standards
- Raw material is certified with drinkable water requirements

THERMOSTATIC CARTRIDGE VT30

TECHNICAL SPECIFICATIONS

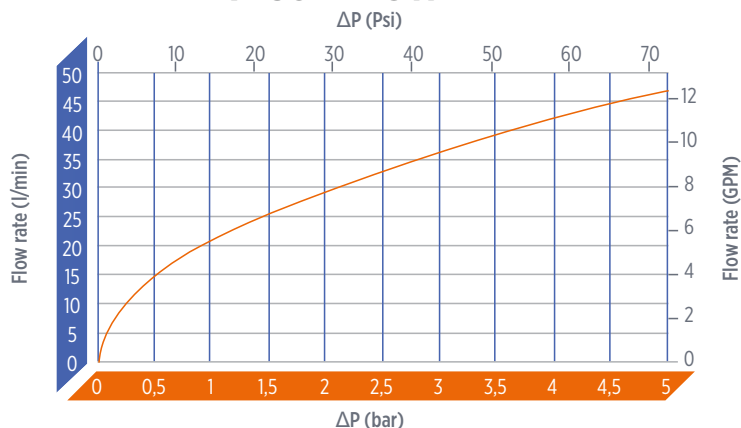
The compliance of the mixing valve with the standards does not only depend on the cartridge but also on the construction of the valve body and other devices.

Flow rate value at $\pm 15\%$ measured in a Vernet valve body at mid-temperature, free outlet.

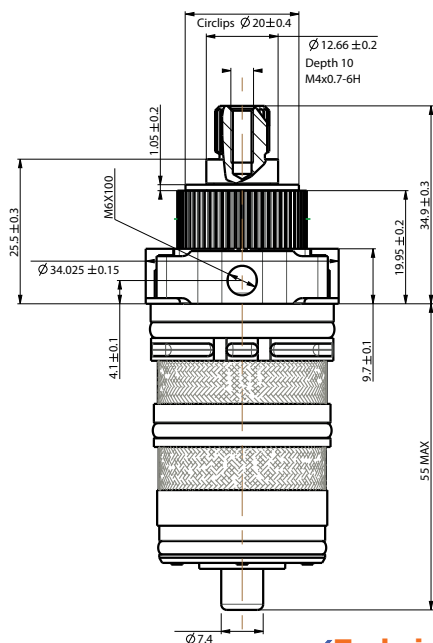
Endurance validated in a Vernet valve body.

Application	Recommended Pressure*	Flow Rate*	Standard*	Endurance*
High flow Shower/Bath	3 bar	40 to 72 l/min	NF 077	50 000 cycles
			EN 1111	50 000 cycles
	0,2 bar	10 to 20 l/min	NHS D08	30 000 cycles
			ASSE 1016	80 000 cycles

VT30 - FLOW RATE



VT30 DIMENSIONS (in mm)



Technical drawings are available on request

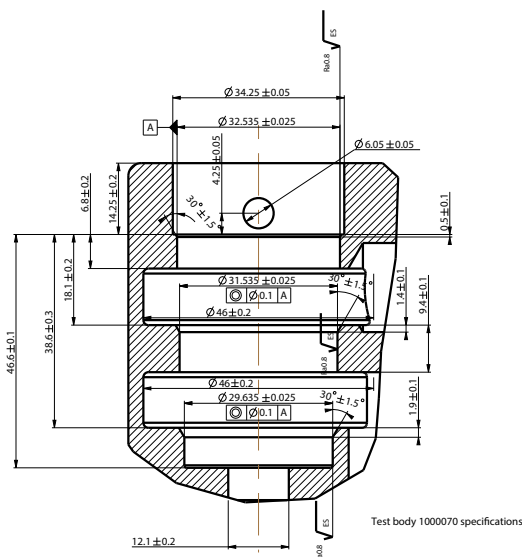
VT30 HOUSING RECOMMENDATION (in mm)

Cartridge integration in the body

Flow rate coefficient of the body 1000070

Kv / Cv

FULL COLD	1.15	1.33
FULL HOT	1.18	1.36



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