CALL TOLL FREE 877-742-2878 FOR SALES AND SUPPORT
Return to BurtProcess.com

Fluid-o-Tech®
POWER THE FLOW

a product of F-Lab Where ideas flow®

Thermostatic valve for pressure vessels SV series

Find out more

The SV thermostatic valves series are able to restore the atmospheric pressure inside of a biphasic closed system in an extremely precise and reliable way. At the same time they also act as air vent valve during the heating phase.
The key element of the project is a new intelligent actuator system made of a special alloy of Nickel and Titanium.
According to the temperature it is subjected to, the system is capable of reacting to the heat without any further energy source. Compared to the traditional systems it does not require any electrical power and can be installed in any position.
The realization of the body in techno-polymer for high temperatures and the high repeatability of the system make a highly reliable and cost-effective solution for the customers.

Advantages:

- No power supply
- High accuracy and reliability
- Simplified installation also for horizontal axis

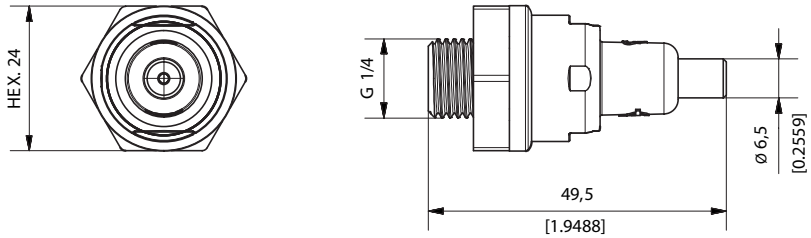


MAIN APPLICATIONS

- Boilers for coffee machines
- Vapor pressure autoclave
- Biphasic pressure vessels

TECHNICAL INFORMATION

Steam/water mix. temperature – valve closed (no leakage)	> 99 °C / > 210 F
Steam/water mix. temperature – valve opened (air can flow in)	< 95 °C / < 203 F
Boiler pressure – valve closed (no leakage)	0.2 ± 0.1 bar / 2.9 ± 1.4 psi
Max. boiler pressure	2.5 bar / 36 psi
Max. temperature	140 °C / 284 F
Nominal stroke	2.2 ± 0.2 mm
Wrench size (for installation)	24 mm
Threaded inlet	G ¼ inch
Weight	12 g / 0.03 lb
Materials compliancy	EC 1935/2004 NSF51



Dimensions in mm [inches]

Fluid-o-Tech reserves the right to alter the specifications indicated in this catalogue at any time and without prior notice.

www.fluidotech.it

Fluid-o-Tech srl
Via Leonardo da Vinci, 40
20094 Corsico, Milano, Italy
Tel. +39 02 9995 01
Fax +39 02 9995 0999
info@fluidotech.it

Fluid-o-Tech Int'l Inc.
161 Atwater St.,
06479 Plantsville CT (USA)
Tel. +1 (860) 276 9270
Fax +1 (860) 620 0193
info@fluid-o-tech.com

Fluid-o-Tech Int'l Inc. Japan
203, 2-17-19, Todoroki, Setagaya
Tokyo 158-0082, Japan
Tel. +81 (0) (3) 6432 1812
Fax +81 (0) (3) 6432 1813
erkkato@gmail.com

Fluid-o-Tech Asia (Beijing) Co., Ltd
Jingwei Industrial Zone,
Beifang Huairou, Beijing, 101400, PRC
Tel. +86 (0) (10) 6168 4650
Fax +86 (0) (10) 6168 4651
info@fluidotech-asia.com