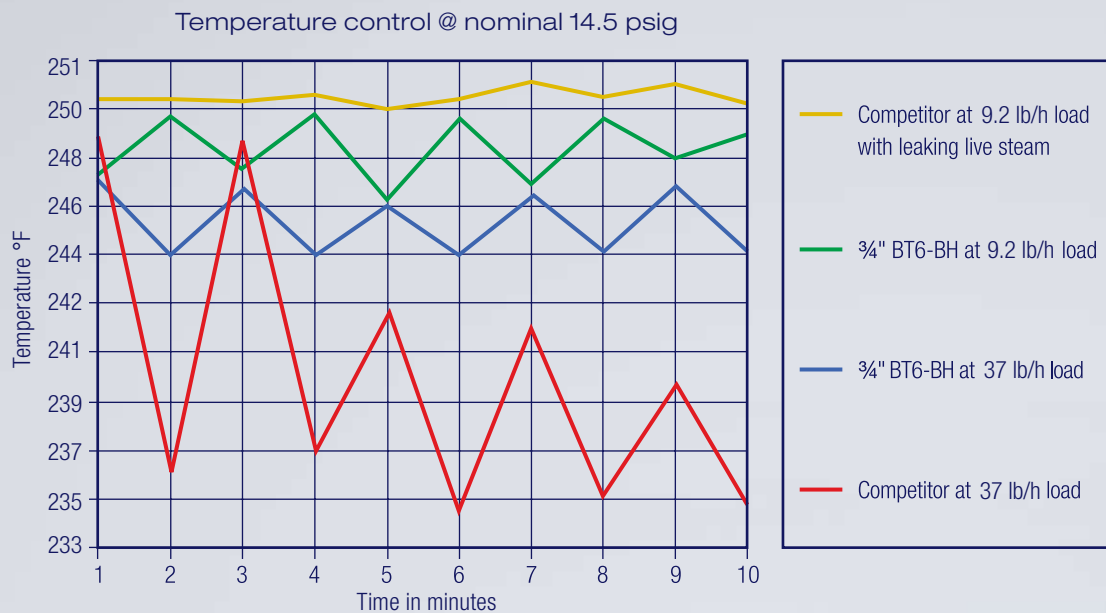


# BT6-B balanced pressure thermostatic steam trap

for use in hygienic environments

The Spirax Sarco BT6-B is a high specification sanitary balanced pressure thermostatic steam trap that has been developed specifically for use in hygienic environments such as the pharmaceutical, biotechnological and food processing industries to remove condensate with the minimum of condensate retention. The standard element is extremely sensitive to changes in condensate temperature and is designed to open with a minimum of sub-cooling, typically less than 3.6°F (2°C) from steam saturation temperature at pressures below 36 psig (2.5 bar g). Its unique design, with enhanced features, ensures the BT6-B is effective and economical and exceeds the capabilities of other models currently available on the market.



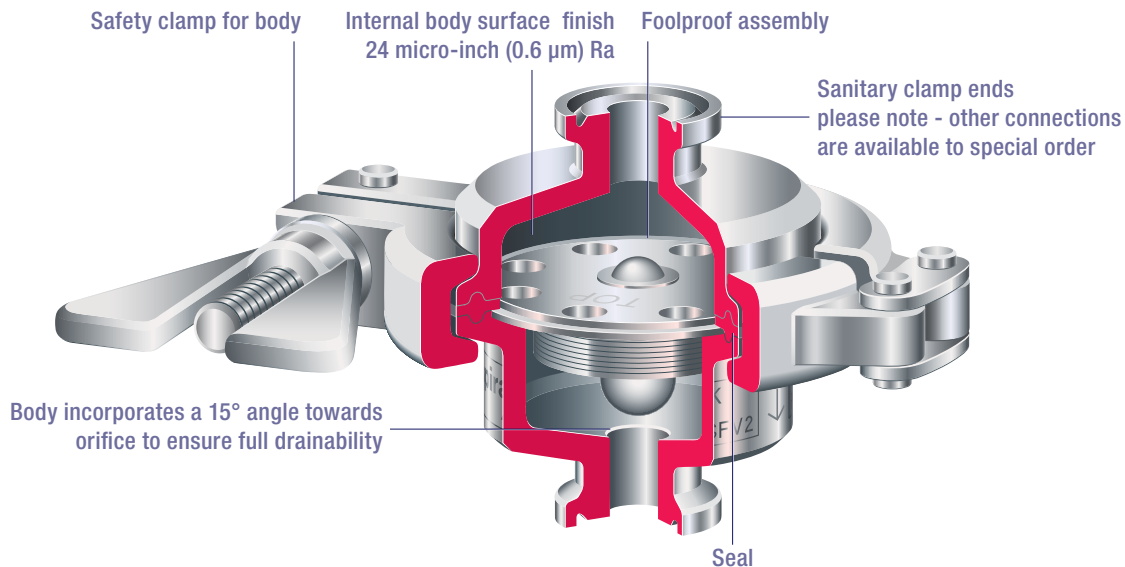
## Industries and applications

- Pharmaceutical
- Fine chemical
- Food and beverage
- Block and bleed system
- Fermenter
- Clean steam line drainage
- Bioreactor



## Range and options

Model	Size and connections	Material of construction	Seal	Internal body surface finish
BT6-BL BT6-BH	1/2", 3/4", 1" and 1 1/2" Sanitary clamp ends.	Body and capsule element 316L stainless steel.  Body clamp 316 stainless steel.	Standard Viton seal.  Optional For dairy applications a PTFE encapsulated viton seal can be supplied.	Standard 24 micro-inch Ra (0.6 µm).  Optional 15 micro-inch Ra (0.375 µm) electropolished.



The **unique** design of the **new BT6-B**

balanced pressure thermostatic steam trap will deliver  
**optimum performance** where it is most essential.

## Key features and benefits

Key features	Key benefits
Stainless steel with high quality surface finish and FDA and USP class VI compliant seal.	Minimal risk of microbiological growth and high degree of corrosion resistance.
High capacity	The BT6-BL is suitable for main drainage applications with low condensate loads. The BT6-BH is a high capacity trap with high condensate and cold-water handling capacities. This ensures minimum back-up at start-up.
Improved 'near-to-steam' performance	Superior capsule performance means that condensate is discharged at temperatures approaching steam saturation temperature. This means cooling legs can be kept to a minimum.
Safety clamp for body as standard	The trap can not easily be disassembled by accident and this is an important safety feature to protect operators.
Self-draining design incorporating steep 15° angle towards orifice which exceeds the current ASME BPE 2007 recommendations.	Ensures the product is fully self-draining which reduces the risk of microbiological growth.

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