



TI-P625-01
CMGT Issue 5

T3
Bimetallic Steam Trap

Description

The Spirax Sarco T3 is a forged stainless steel automatic steam trap. It is designed for instrument tracing or draining low capacity lines. The T3 operates with no loss of steam, and quickly drains air, non-condensable gases and large quantities of cold water on start-up.

Standards

This product fully complies with the requirements of the Pressure Equipment Directive (PED).

Certification

This product is available with certification to EN 10204 3.1.

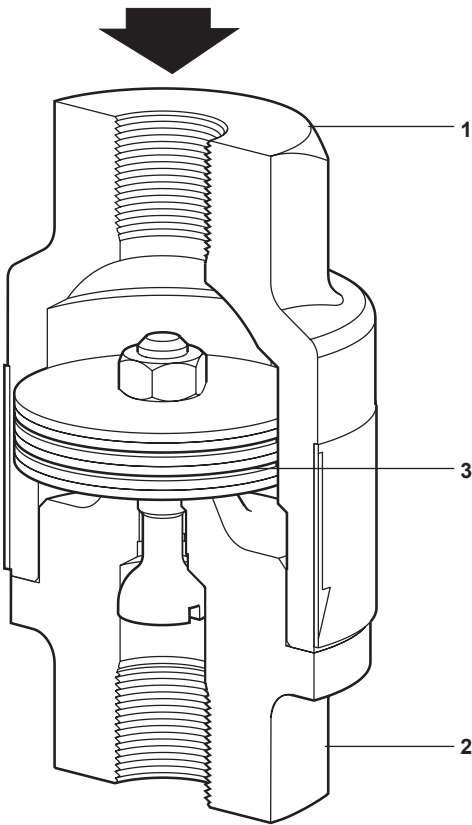
Note: All certification/inspection requirements must be stated at the time of order placement.

Sizes and pipe connections

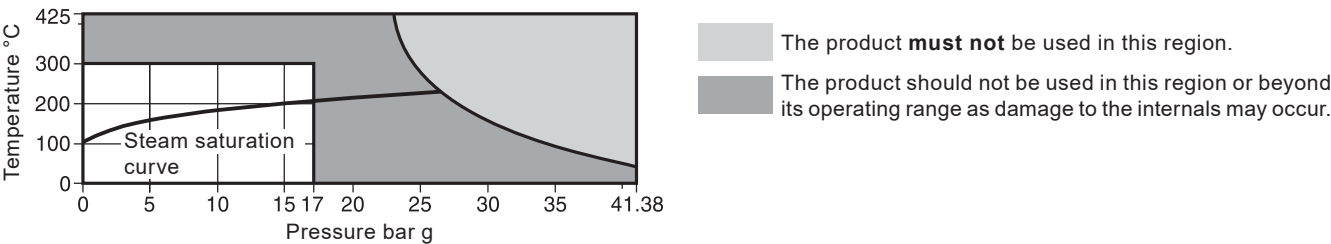
3/8", 1/4" and 1/2" screwed BSP or NPT

Materials

No.	Part	Material	
1	Body	Stainless steel (forged)	AISI 304L
2	Cover	Stainless steel (forged)	AISI 304L
3	Bimetallic element	Stainless steel	

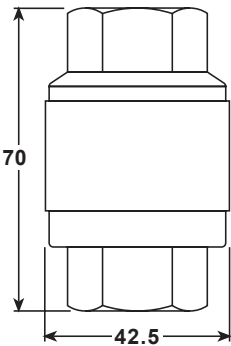


Pressure/temperature limits



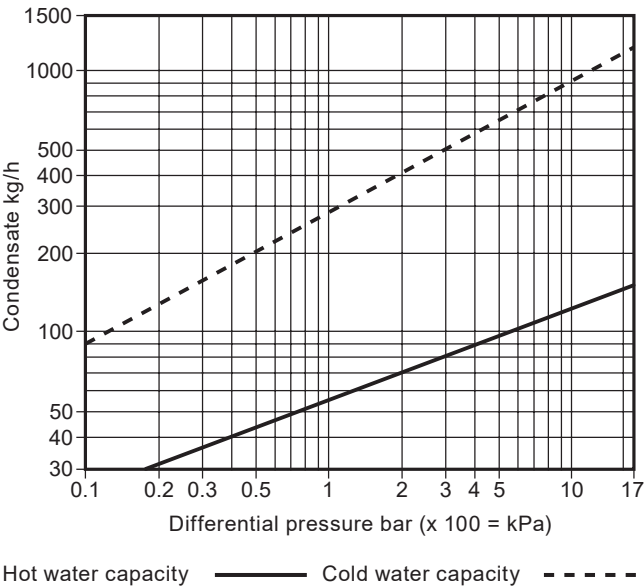
Body design conditions	PN50, Class 300 to ANSI B 16.34
PMA Maximum allowable pressure	41.38 bar g @ 37.8 °C
TMA Maximum allowable temperature	425 °C @ 22.8 bar g
Minimum allowable temperature	-254 °C
PMO Maximum operating pressure for saturated steam service	17 bar g
TMO Maximum operating temperature	300 °C @ 17 bar g
Minimum operating temperature	0 °C
Minimum operating pressure for satisfactory operation is	0.15 bar g
ΔPMX The backpressure for correct operation must not exceed 90% of the upstream pressure.	
Designed for a maximum cold hydraulic test pressure of:	62 bar g

Dimensions (approximate) in mm



Weight (approximate) 0.4 kg

Capacities



Safety information, installation and maintenance

For full details see the Installation and Maintenance Instructions (IM-P625-02) supplied with the product.

How to order

Example: 1 off Spirax Sarco ¼" T3 bimetallic steam trap with screwed NPT connections.