

STS17.2

The Quick-Fit steam trapping solution

The STS17.2 steam trap station has been designed to increase energy efficiency and reduce maintenance time and cost. The innovative trapping solution lowers total cost of ownership by enabling rapid selection, installation and safe operation to keep steam traps working at peak efficiency and help improve overall steam system performance.



10 YEAR
WARRANTY

Key features and benefits:

- + 10 year warranty covers trap station and connected steam trap – for total peace of mind.
- + Sleek, modular, single-piece body virtually eliminates any potential leak paths, reducing energy and carbon emissions.
- + Pre-assembled construction minimises on-site fabrication offering quick and easy installation.
- + Quick-Fit technology for fast and simple steam trap maintenance simple two-bolt connector reduces system downtime and maintenance costs compared to traditional trapping stations.
- + All stainless steel construction long and trouble-free life with good corrosion resistance and ‘cleanliness’.
- + Compatible steam trap options provides flexible supply and selection.
- + In-trap sensing option provides automatic steam trap operation indication.
- + Replaceable internal parts maintainable internal parts of ball valves, check valve and strainer screen.
- + Lockable handles as standard minimises the possibility of accidental or unauthorised operation.

First for Steam Solutions

EXPERTISE | SOLUTIONS | SUSTAINABILITY

spirax
sarco

STS17.2 range

Sizes	Face-to-face dimension in (mm)					Maximum saturated steam operating pressure	Material
	Screwed BSP, NPT	Socket weld	Flanged PN40	Flanged ASME 150	Flanged ASME 300		
½" - DN15	8.7 (222)	8.7 (222)	11.1 (284)	10.5 (268)	11.5 (294)	ANSI 150 200 psi g (13.6 bar g) All other connections 254 psi g (17.5 bar g)	Stainless steel
¾" - DN20	8.7 (222)	8.3 (213)	11.9 (304)	10.7 (272)	12.0 (306)		
1" - DN25	9.0 (229)	10.5 (269)	11.9 (304)	10.6 (271)	12.1 (309)		

STS17.2 with Quick-Fit connector options



Automatic steam trap monitoring – Using the proven Spirax Sarco Spiratec system, sensors detect if steam traps are wasting steam or allowing condensate to back-up. Available as a hand-held, panel or wall mounted indicator, steam trap operation can be checked at a touch of a button. Sensor kits are available for steam leak detection (SS1) or combined steam leak and water-logging detection (WLS1).



Integral blowdown valve – Available (standard STS17.2 only) for cleaning the strainer during operation. Care should be taken when using the integral blowdown valve as the discharge may be hot.



Double isolation – Available for users who wish to satisfy 'Best Practice' as indicated in health and safety guidelines. (HSE guidance publication 'Safe Isolation of Plant' in the UK - Generally a single valve with bleed is not recommended for the safe isolation of hazardous fluids).



Insulation jacket – Available for minimising the heat loss, thus saving energy and reducing CO₂ emissions.



Extended stem – Available to simplify the installation of suitable insulation.

Compatible steam traps

UBP32



Balanced pressure thermostatic steam traps operate below steam saturation temperature, depending on the capsule fitted. Suitable for non-critical systems.

USM21 and USM32



Bimetallic steam traps operate below steam saturation temperature, depending on the bi-metal setting. Suitable for non-critical systems.

UFT32



Ball float steam traps provide condensate drainage at steam temperature and include excellent air venting ability.

UIB30 and UIB30H



Inverted bucket steam traps operate at steam temperature with complete condensate drainage.

UTD52L



Thermodynamic disc type steam traps will ensure complete condensate drainage without energy wastage. Long-lasting compact and robust.

UFT14HC



High-capacity ball float steam traps provide condensate drainage at steam temperature and include excellent air venting ability. Suitable for medium-duty process applications.

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