

STS17.2

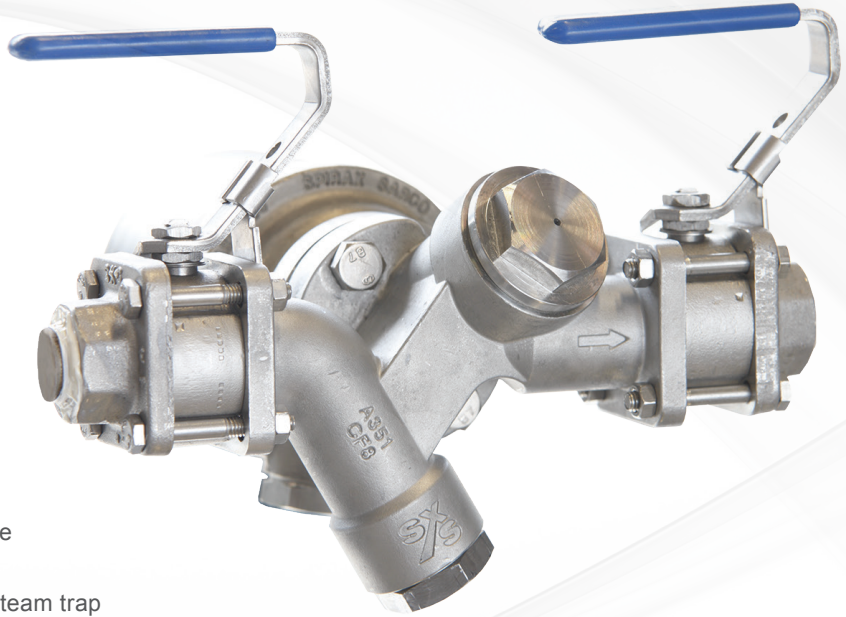
steam trapping station

The universal steam trapping solution






The STS17.2 steam trap station has been designed to provide a convenient 'ready-to-install' trapping solution which has an upstream isolation valve, a universal connector with strainer, a check valve and a downstream isolation valve.

Key features and benefits:

- Quick and simple maintenance of the steam trap with simple two-bolt connector, reducing system downtime and maintenance costs compared to traditional trapping stations.
- Single permanent in-line component, ease of specification and installation.
- Pre-assembled construction minimizing on-site fabrication, quick and easy installation, no screwed connections therefore reducing potential leak paths.
- All stainless steel construction, long and trouble-free life with good corrosion resistance and 'cleanliness'.
- Compatible steam trap options providing flexible supply and selection.
- An in-trap sensing option providing automatic steam trap operation indication.
- Replaceable internal parts, maintainable internal parts of ball valves, check valve and strainer screen.
- Lockable handles as standard minimizing the possibility of accidental or unauthorized operation.



Compatible steam traps

UBP32	USM21 and USM32	UFT32	UIB30 and UIB30H	UTD52 series
				
Balanced pressure thermostatic steam traps operate below steam saturation temperature, depending on the capsule fitted. Suitable for non-critical systems.	Bimetallic steam traps operate below saturation temperature, depending on the bimetal setting. Suitable for non-critical systems.	Ball float steam traps provide condensate drainage at steam temperature and include excellent air venting ability.	Inverted bucket steam traps operate at steam temperature with complete condensate drainage.	Thermo-dynamic disc type steam traps will ensure complete condensate drainage without energy wastage. Long lasting, compact and robust.

STS17.2 range

Sizes	Face-to-face dimensions in inches (mm)					Maximum saturated steam operating pressure	Material
	Configuration	NPT	Socket weld	ANSI 150	ANSI 300		
½"	Single Isolation	8.7 (222)	8.7 (222)	10.6 (268)	11.6 (294)	254 psig (17.5 bar g)	Stainless steel
	Double Isolation	13.8 (350)	13.8 (350)	15.6 (396)	16.1 (422)		
¾"	Single Isolation	8.7 (222)	8.4 (213)	10.7 (272)	12.1 (306)		
	Double Isolation	13.8 (350)	13.4 (341)	15.7 (400)	17.1 (434)		
1"	Single Isolation	9.0 (229)	10.6 (269)	10.7 (274)	12.2 (309)		
	Double Isolation	14.1 (357)	15.6 (397)	15.7 (399)	17.2 (437)		

STS17.2 with universal connector options



Automatic steam trap monitoring

Using the proven Spirax Sarco Spiratec system, sensors are available as an option to detect if the steam traps are wasting steam, or allowing condensate to back-up. Using either 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 (SSL1) or combined steam leak and waterlogging detection (WLS1).

For further information, search our website using the following key words 'SPIRATEC STEAM TRAP MONITORING' or 'PIPELINE CONNECTORS WITH INTEGRAL SPIRATEC SENSORS'.



An integral blowdown valve

is also available for cleaning the strainer during operation. Care should be taken when using the integral blowdown valve as the discharge may be hot.



Extended stem

is available to simplify the installation of suitable insulation.



Double isolation

is available for users who wish to satisfy 'Best Practice'.



Insulation jacket

is available for minimizing the heat loss, thus saving energy and reducing CO₂ emissions.

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