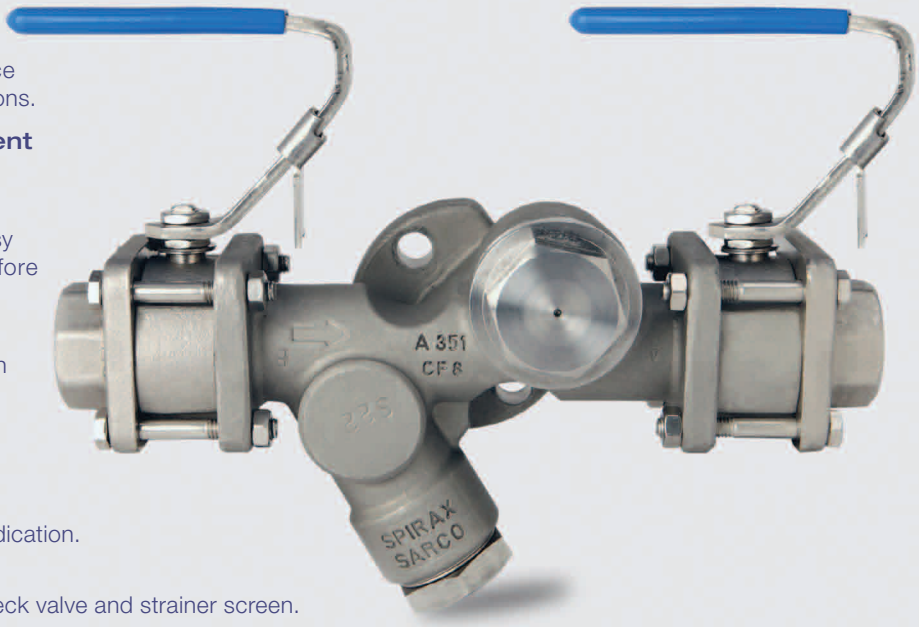
STS17.2

steam trapping station

The quick-fit 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, quick-fit connector with strainer, 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**
  minimising 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 handle as standard**
  minimising the possibility of accidental or unauthorised operation.

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 bimetal setting. Suitable for non-critical sytems.

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.

UTD30 series

Thermodynamic disc type steam traps will ensure complete condensate drainage without energy wastage. Longlasting, compact and robust.

Some products may not be available in certain markets

spirax sarco

STS17.2 range

Sizes	Face-to-face dimension (mm)					Maximum saturated steam operating pressure	Material
	Screwed BSP, NPT	Socket weld	Flanged PN40	Flanged ASME 150	Flanged ASME 300		
½" - DN15	222	222	284	268	294	17.5 bar g	Stainless steel
¾" - DN20	222	213	304	272	306		
1" - DN25	229	269	304	271	309		

STS17.2 with quick-fit 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 (SS1) or combined steam leak and waterlogging detection (WLS1).

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

An integral blowdown valve

is also 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.

Extended stem

is available to simplify the installation of suitable insulation.

Double isolation

is 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

is available for minimising the heat loss, thus saving energy and reducing CO_2 emissions.

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