

# spirax/sarco®

## USTS Universal Steam Trap Station

The USTS Universal steam trap station is designed to have a combination inlet isolation/blowdown valve and outlet isolation/test valve, a integral strainer with blowdown. Designed as a complete steam main drip or tracer steam trap station. The station will support all of the Spirax Sarco universal connection steam traps.

Model ⇄	USTS
PMO	300 psig
Sizes	1/2", 3/4"
Connections	NPT
Construction	Stainless Steel

### Limiting Operating Conditions

Max. Operating Pressure (PMO) 300 psig (21 barg)

Max. Operating Temperature (TMO) 421°F (198°C)

Pressure Shell Design Conditions

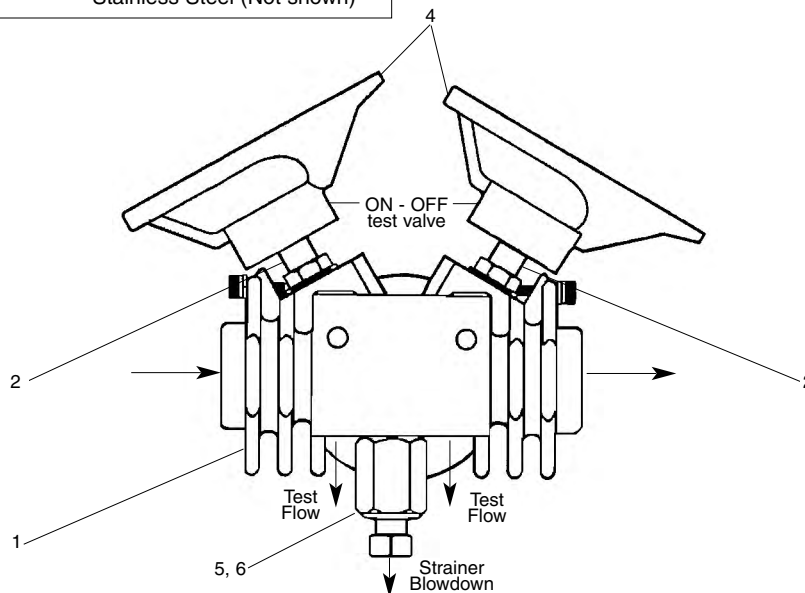
PMA 300 psig (21 barg)

### Construction Materials

No.	Part	Material
1	Body	ASTM A351 GR CFS
2	Isolation Plug/Spindle	316Stainless Steel
3	Liner	Ryton (internal not shown)
4	Handle	PVC coated Aluminum
5	Strainer valve	Stainless Steel
6	Strainer screen 20 mesh	Stainless Steel
7	Test tubes (optional)	Stainless Steel (Not shown)

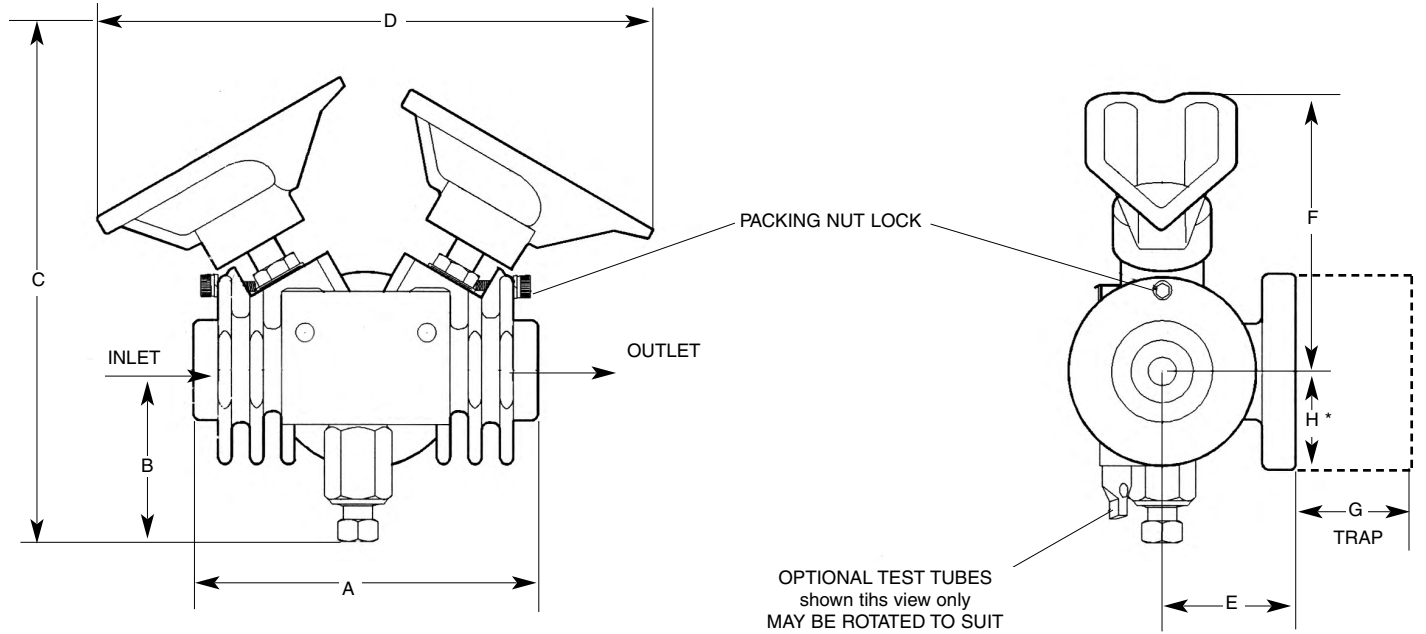


Steam Trap Station shown (Trap of Choice Sold Separately)



Local regulation may restrict the use of this product below the conditions quoted. Limiting conditions refer to standard connections only. In the interests of development and improvement of the product, we reserve the right to change the specification.

# USTS Universal Steam Trap Station



<b>A</b> 4.8"	<b>B</b> 2.4"	<b>C</b> 7"	<b>D</b> 7.5"	<b>E</b> 1.9"	<b>F</b> 3.9"
<b>G</b> <b>UTD52L</b> 4.3"	<b>G</b> <b>UTD52H</b> 4.8"	<b>G</b> <b>UFT</b> 9.0"	<b>G</b> <b>UIB30</b> 6.2"	<b>G</b> <b>UIB30H</b> 9.6"	<b>G</b> <b>UBP32</b> 3.2"
<b>H</b> <b>UTD52L</b> 1.3"	<b>H</b> <b>UTD52H</b> 1.3"	<b>H</b> <b>UFT</b> 2.2"	<b>H</b> <b>UIB30</b> 4.9"	<b>H</b> <b>UIB30H</b> 6.3"	<b>H</b> <b>UBP32</b> 1.3"

\*H = Centerline of station connector to bottom of trap

## Sample Specification

The USTS steam trap station to be manufactured with all stainless steel construction. The station will have two combination isolation/test valves. The valves to be 3-way plug type (on-off-test). The station will be supplied with an integral strainer which can be blown down or used for depressurization. The discharge valve when set to test position will isolate the discharge side of the trap so trap function can be checked and depressurization can be done as well as block outlet port. The trap station will accept all Spirax Sarco universal traps and any competitors traps who use the standard universal connector design.

## Installation

Valve handles to be in upward position, with the strainer pointing straight down and trap connection on the side. Mount selected trap to the connector and torque to proper torque level. On initial start-up turn inlet and outlet valves to test to blow any installation dirt and debris from the system, (be careful to stay away from flow). Turn both valves to the on position.

## How to order

Model number / pipe size / connection type

Example: USTS 1/2" NPT

## SPARES

Blowdown Valve Assembly (strainer)	1 required
Strainer Screen	1 required
SE valve assy	2 required for complete station
Mounting bolt	2 required
Linear insertion tool	

TI-6-806-US 12.04