

### INSTALLATION NOTES:

1. Install strainer (20 mesh screen) and gate type shutoff valve upstream of trap. Optional Internal Strainer available.
2. Not recommended for applications where super-heat can reach trap inlet.
3. Never weld pipe connection to the trap. Damage to the thermostatic bellows could result.
4. For freeze protection all drain lines must be pitched toward the trap for gravity flow. Trap must be installed vertically discharging downward and discharge piping must be self-draining.
5. When used as a thermostatic air vent, the trap must be piped with flow arrow pointed upwards. Locate at high point of main or equipment, wherever air can collect, and pipe discharge to a drain.

## **spirax** **/sarco®** **INSTALLATION AND** **MAINTENANCE INSTRUCTIONS**

IMI 2.0001

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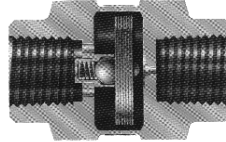
### **TSS 300 THERMOSTATIC** **STEAM TRAPS**

#### **Maximum Working Conditions**

0 to 300 psi at 421°F

0 to 20.7 bar at 216°C

#### **Flow Direction For Installation**



#### **Discharge Close Saturated Steam Temperature**

Recommended for critical applications such as draining steam mains, high temperature tracing lines and when trap discharges into a pressurized condensate return system. Install with flow direction to match arrow on trap nameplate.

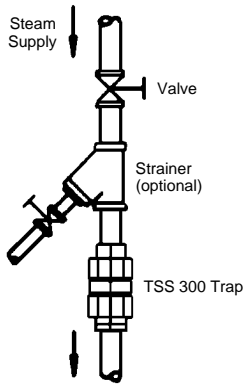
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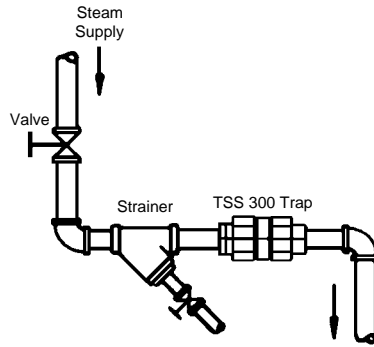
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## VERTICAL PIPING INSTALLATION

Recommended for Freeze Resistance



## HORIZONTAL PIPING INSTALLATION



The TSS 300 thermostatic trap can be installed in either horizontal or vertical piping and will discharge condensate close to saturated steam temperature.