**Description**

With the 2000 Series’ 360° universal connector, you can install inverted bucket efficiency and long service life in any piping configuration with little or no repiping. You get the reliability of the inverted bucket operating principle, plus all the benefits of all-stainless steel construction:

- A sealed, tamperproof package
- A compact, lightweight trap
- The ability to withstand freeze-ups without damage
- Exceptional corrosion resistance
- A three-year guarantee against defective materials, defective workmanship.

2000 Series steam traps combine savings in three important areas: energy, installation and replacement. The 360° universal connector provides quick, easy in-line replacement along with all the proven advantages of inverted bucket operation.

Also available with optional IS-2 integral strainer connector.

**Maximum Operating Conditions**

Maximum allowable pressure (vessel design):
- Model 2010, 2011: 400 psig @ 800°F (28 bar @ 427°C)
- Model 2022: 650 psig @ 600°F (45 bar @ 315°C)
- 627 psig @ 700°F (43 bar @ 371°C)
- 600 psig @ 800°F (41 bar @ 427°C)

Maximum operating pressure:
- Model 2010: 200 psig (14 bar)
- Model 2011: 400 psig (28 bar)
- Model 2022: 650 psig (45 bar)

**Connections**

- Screwed NPT and BSPT
- Socketweld
- Flanged (consult factory)

**Materials**

- Body: ASTM-A 240 Grade 304L
- Internals: All stainless steel—304
- Valve and seat: Hardened chrome steel—17-4PH
- Connector body (std & IS-2): Stainless steel—304

**Options**

- Insu-Pak™ insulation for Models 2010/2011
- Stainless steel pop drain for Models 2011/2022
- Probe connection for Models 2011/2022
- Strainer blowdown valve for IS-2 connector
- Wiggle wire

**360° Connector Styles**

- Standard connector
- IS-2 connector with integral strainer
- IS-2 connector with integral strainer with blowdown valve

**Specification**

Inverted bucket steam trap, type ... in all stainless steel, freeze resistant, with 360° universal connector, having continuous air venting at steam temperature, free-floating stainless steel mechanism, and orifice at the top of the trap.

**How to Order**

Specify:

- Model number
- Size and type of pipe connection
- Type of 360° connector (with or without strainer)
- Maximum working pressure that will be encountered or orifice size
- Any options required

For a fully detailed certified drawing, refer to:
- 2000 Series with Standard Connector CD #1003
- 2000 Series with IS-2 Connector CD #1113

Allow 2-1/2” clearance for bolt installation and removal.
2000 Series Inverted Bucket Steam Trap
All Stainless Steel With 360° Connector
For Pressures to 650 psig (45 bar)...Capacities to 1,300 lb/hr (590 kg/hr)

*NOTE: Because the orifice is located at the top, inverted bucket steam traps handle dirt and scale better than other types of traps. However, in applications where extremely dirty conditions exist, care should be exercised in the use of all types of restricted-orifice, reduced-capacity traps.

Connectors
Besides the inverted bucket traps, the standard connector, IS-2 connector, and TVS-4000 connector with integral strainer can also be used on thermostatic, thermostatic wafer and disc traps.

Options
Pop Drain for Freeze Protection
In general, a properly selected and installed Armstrong trap will not freeze as long as steam is coming to the trap. If the steam supply is shut off, a pop drain should be used to automatically drain the trap. Stainless steel pop drain available for Models 2011 and 2022.

Maximum Operating Conditions
Pressure: 600 psig (41 bar)
Temperature: 350°F (177°C)

Insu-Pak
Now you can insulate the in-line traps in your plant without complicating regular trap maintenance. Insu-Pak, a simple reusable insulation package, cuts the time and cost of in-field installation because it goes on in a snap. And it comes off just as easily. The Insu-Pak can prevent trap freeze-up when used with a properly designed condensate manifold. Designed for use with Model 2010 and Model 2011 traps.

Probe connections are available for trap monitoring for Models 2011 and 2022.