

Yarway™ Float and Thermostatic Steam Traps



YARWAY Reliable and Proven Steam Solutions

Steam Trap Overview

Yarway steam traps have a strong reputation for reliable operation and are suitable for a wide range of applications. Emerson's broad steam trap portfolio includes thermodynamic, thermostatic and mechanical steam traps for drip, tracing and process applications. Our experts can conduct surveys or implement our wireless steam trap monitoring solution to ensure proper operation and minimize steam loss.

Thermodynamic Steam Traps

- Piston / Variable Orifice
- Disc
- Lever

Thermostatic Steam Traps

- Filled Thermal Element (FTE)
- Bimetallic

Mechanical Steam Traps

- Float and Thermostatic

Float and Thermostatic Steam Traps

Emerson offers robust cast iron, steel and stainless steel float traps with thermostatic air vents for applications in various industries including refining, chemical, food and HVAC. Universal steam traps are also available with the Yarway Universal Connectors.

Key Attributes

- Modulates condensate discharge
- Discharges condensate at steam temperature
- Unaffected by sudden load / pressure changes
- Excellent air discharge by thermostatic air vent
- Horizontal or vertical installation options



Yarway™ Float and Thermostatic Steam Traps

Designed for low to medium pressure steam heating and process equipment. Applications include unit heaters, heat exchangers, dryers, jacketed vessels and others that require continuous condensate removal. Solutions available for pipe sizes up to 2 in. and various condensate loads. End connection options include threaded and flanged.



FXT300
Cast Iron



FXT700
Stainless Steel

Model	Size	Max Differential Pressure	Max Capacity	Max Operating Temperature
FXT300*				
FXT300	1 in. to 2 in. / DN 25 to DN 50	250 psi / 17.2 bar	500 lb/h / 227 kg/h	450°F/232°C
FXT301	1 in. to 2 in. / DN 25 to DN 50	250 psi / 17.2 bar	1,200 lb/h / 544 kg/h	450°F/ 232°C
FXT302	1 in. to 2 in. / DN 25 to DN 50	250 psi / 17.2 bar	6,000 lb/h / 2,722kg/h	450°F/ 232°C
FXT303	½ in. to 2 in. / DN 15 to DN 50	250 psi / 17.2 bar	18,400 lb/h / 18,400kg/h	450°F/ 232°C
FXT700*				
FXT701	½ in. to 2 in. / DN 15 to DN 50	600 psi / 41.4 bar	800 lb/h / 363 kg/h	482°F / 250°C
FXT702	½ in. to 2 in. / DN 15 to DN 50	600 psi / 41.4 bar	13,955 lb/h / 1,794 kg/h	482°F / 250°C
FXT703	½ in. to 2 in. / DN 15 to DN 50	600 psi / 41.4 bar	13,900 lb/h / 6,366 kg/h	482°F / 250°C



Learn more about Emerson's steam solutions including:

- Steam Traps
- Level Gauges
- Blowoff Valves
- Blowdown Valves
- Pressure Regulators
- Jets and Eductors



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