

Yarway™ Bimetallic 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

Bimetallic Steam Traps

Emerson offers reliable and energy-efficient steel and chrome moly bimetallic steam traps that are suitable for drip and tracing applications in various industries including power generation, refining and chemical. They can be used with superheated steam and high-pressure models are available for power generation applications. Universal steam traps are also available with the Yarway Universal Connectors.

Key Attributes

- Modulates condensate discharge
- Discharges condensate below steam temperature
- Excellent air discharge
- Built-in strainer
- Optional blowdown valve



Yarway™ Bimetallic Steam Traps

- Energy-efficient steam traps that are not susceptible to water hammer and vibrations
- Applications include steam tracing lines, drip points and storage tank coils
- Solutions available for pipe sizes up to 2 in. and pressures up to 2030 psi
- End connection options include threaded, socket weld and flanged



What are your steam trap failures costing you?

A steam trap survey conducted at a large petrochemical plant led to the replacement of 1200 failed traps, providing annual energy cost savings of \$960K.



Ask us about real survey results!



B302
Steel



B303
Steel



B318
Steel



B320
Steel

Model	Size	Maximum Operating Pressure	Maximum Capacity	Maximum Operating Temperature
B302	½ to 1 in. / DN 15 to 25	247 psi / 17 bar	4078 lb/h / 1850 kg/h	482°F / 250°C
B303	½ to 1 in. / DN 15 to 25	464 psi / 32 bar	6393 lb/h / 2900 kg/h	572°F / 300°C
	1½ to 2 in. / DN 40 to 50	464 psi / 32 bar	7716 lb/h / 3500 kg/h	572°F / 300°C
B318	½ to 1 in. / DN 15 to 25	1233 psi / 85 bar	12787 lb/h / 5800 kg/h	932°F / 500°C
B320	½ to 1 in. / DN 15 to 25	1595 psi / 110 bar	14330 lb/h / 6500 kg/h	977°F / 525°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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