



YARWAY B302, B303, B318 AND B320 BIMETALLIC STEAM TRAPS AND AIR ELIMINATORS SUMMARY OF INSTALLATION, OPERATION AND MAINTENANCE INSTRUCTIONS

Before installation, these instructions must be carefully read and understood.

INSTALLATION

- Before installation, remove plastic covers placed on flanges or connection ends. The equipment has an arrow for Inlet/Outlet designations. Be sure that it is installed in the appropriate direction.
- Install the steam trap at a point where the condensate tends to accumulate. A strainer can be installed upstream of the trap for additional protection.

MAINTENANCE

- We recommend that the steam traps be serviced as necessary. Steam traps should be checked periodically (at least yearly), to verify that they are operating correctly and to clean the internal parts and strainer screen.
- When reassembling, make sure that all gasket faces are clean and always use a new gasket. Tighten cover bolts uniformly in a diagonal sequence.

WARNING

At startup, the presence of small particles in the water (dirt, scale, weld splatters, etc.) may cause an imperfect closure of the seat. If this occurs, clean the equipment accordingly.

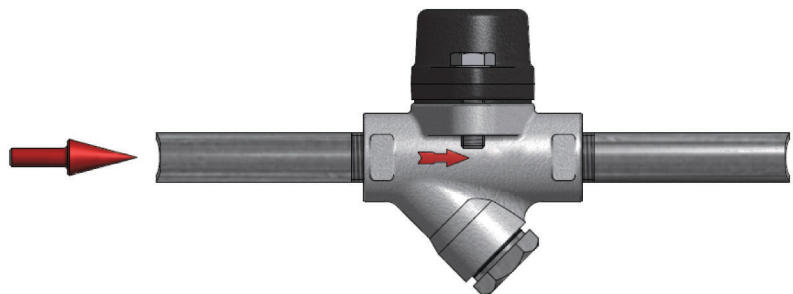
Do not touch the equipment without appropriate protection during operation because it may conduct heat if the used fluid is at high temperature.

Before starting maintenance, be sure that the equipment is not pressurized or hot.

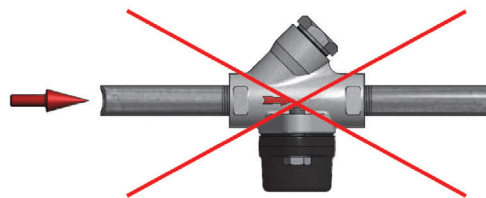
The equipment must be used within its pressure and temperature limits, otherwise it might fail (refer to nameplate or documentation).

Do not remove the nameplate attached to the equipment. Serial number and other useful information are stamped on it.

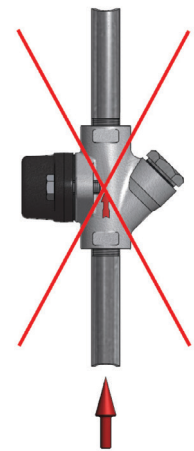
INSTALLATION POSITION



RECOMMENDED INSTALLATION



WRONG INSTALLATION



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RATINGS AND SPECIFICATIONS

Specification	Series				
	B302	B303		B318	B320
Operating Principle	Thermostatic				
Type	Bimetallic				
Size	½" - 1"	½" - 1"	1½" - 2"	½" - 1"	½" - 1"
Maximum Operating Pressure (psig)	247	464		1233	1595
Maximum Operating Temperature (°F)	482	572		932	977
Nominal Flow (lb/h at 100 psi; near saturation, unless otherwise noted)	1020	1158		303	
Maximum Back Pressure (% of inlet; based on absolute pressure)	99				
Minimum Differential Pressure (psi)	7.3				

For additional information, please visit: <https://www.emerson.com/en-us/catalog/yarway-p001408>

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