Thermostatic Float Steam Trap Cutaway

Model: 118-TFST

A steam trap's most important job is to quickly discharge condensate that has formed in steam distribution lines, steam tracers, and steam-using equipment. Automatic and continuous elimination of condensate and air at steam temperature increases system efficiency. A steam trap must also be able to save energy by preventing steam leaks and by discharging non-condensing gases such as air.

Thermostatic float steam traps are mechanical devices that operate on both density and temperature principles. A thermostatic vent in the top of the trap allows free passage of air during start-up, and closes near saturation temperature. Condensate fills a float chamber, causing a float to rise, and through a lever mechanism pulls a valve off its seat and opens the orifice of a discharge valve. The opening and closing of the seat provides modulation to handle light or heavy condensate loads.

The discharge valve is under condensate water. The water forms a seal that prevents live steam loss. This also prevents the venting of air and non-condensable gases. The accumulation of air and non-condensable gases causes a significant temperature drop. The thermostatic valve in the top of the trap discharges these gases.

Bayport Technical's Thermostatic Float Steam Trap Cutaway (118-TFST) allows individuals to see and identify the internal components of the steam trap. The steam trap can be taken apart and reassembled for training purposes. NOTE: Pictures of cutaway models are representative of our products; actual equipment, size, and color scheme may vary with each piece according to availability and customer preference.

SPECIFICATIONS

- Coming Soon

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