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Thermodynamic Traps

Brand: Watson McDaniel

Short Description

The Thermodynamic Steam Trap is simple and compact with a single moving part (disc) which opens to discharge condensate and closes in the presence of steam. Body materials available are Stainless and Alloy Steels for pressures up to 3,600 psig. Widely used on higher pressure drip applications and critical tracing applications (where condensate back-up is not permitted). Rugged design and excellent for use with superheated steam Operation is easy to check due to distinct cyclic operation Single model operates over a wide pressure range in contrast to mechanical traps Self-draining when mounted vertically to prevent freezing

Description

The Thermodynamic Disc (TD) Steam Trap is simple and compact and one of the primary choices for drip applications over 30 psig. The TD600 Series with integral one piece body-seat design, are the most economical and commonly used for pressures up to 600 psig. The 1/2" & 3/4" TD600L will meet the capacity needs of most drip applications ("S" models have integral strainers). The TD600 Series cannot be welded in-line. The TD700S & TD900S Series are both in-line repairable and can be welded into the pipeline.