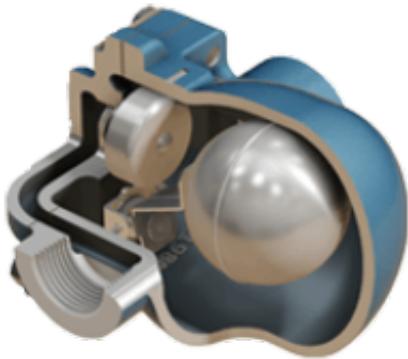


Float and Thermostatic Traps

Brand: Watson McDaniel



Short Description

F&Ts contain a float-operated valve to continually discharge condensate and a thermostatic air vent which discharges air. Body materials available are Cast Iron, Ductile Iron, Cast Steel, & Stainless Steel for pressure up to 450 psig. F&Ts are the most commonly used trap for the majority of process applications. These traps are also suitable for drip applications on pressures 30 psig & below. F&Ts quickly respond to load and pressure changes Discharge large amounts of air present at start-up which allow steam to quickly enter the system.

Description

Venting Air Prior to the steam being turn on the piping system, heat exchanger and trap are filled with air which is much cooler than steam. The thermostatic air vent will be in the wide open position. During startup this air will be pushed through the air vent by the incoming steam into the condensate return line. **Discharging Condensate** When condensate enters the trap, the float lifts which opens the valve, allowing condensate to discharge. **Closed (Trapping Steam)** When steam is present, and no condensate is entering the trap, the valve and thermostatic air vent remain closed, trapping steam in the system.