

STEAM TRAPS

FT Series

Float & Thermostatic Steam Trap

Watson McDaniel reserves the right to change the designs and/or materials of its products without notice.
©2010 Watson McDaniel Company

| | |
|--------------------------------|-------------------------------------|
| Model | FT |
| Sizes | 3/4", 1", 1 1/4", 1 1/2", 2" |
| Connections | NPT |
| Body Material | Cast Iron |
| PMO Max. Operating Pressure | 75 PSIG |
| TMO Max. Operating Temperature | Saturated Steam Temperature |
| PMA Max. Allowable Pressure | 75 PSIG up to 450°F |
| TMA Max. Allowable Temperature | 450°F @ 75 PSIG |



TYPICAL APPLICATIONS

DRIP, PROCESS: The **FT Series** float and thermostatic steam traps are used for HVAC and light industrial process applications, and can be applied to unit heaters, water heaters, pressing machines, heat exchangers, and coils. These traps have excellent air removal capability making them an excellent choice for HVAC and process applications requiring quick start-up.

HOW IT WORKS

Float and thermostatic steam traps have a float and thermostatic element that work together to remove both condensate and air from the steam system. The float, which is attached to a valve, rises and opens the valve when condensate enters the trap. Air is discharged through the thermostatic air vent to the outlet side of the trap. The thermostatic air vent closes when steam enters the trap.

FEATURES

- **H-pattern design allows piping from either side of the steam trap (there are two inlet ports at top and two outlet ports at bottom)**
- **Float & Thermostatic traps have excellent air handling capability allowing air to be discharged rapidly and steam to enter the system quickly during start up**
- **Welded stainless steel thermostatic air vent resists shock from water hammer**
- **In-line repairable (all internals are attached to cover)**

SAMPLE SPECIFICATION

The trap shall be of float and thermostatic design with cast iron body. Thermostatic element to be welded stainless steel. Float and seating material to be stainless steel. Trap must be in-line repairable.

INSTALLATION

Isolation valves should be installed with trap. The trap must be level and upright for the float mechanism to operate.

MAINTENANCE

All internal components can be replaced with the trap body in-line. Repair kit includes thermostatic element, valve seat and disc, float and sealing gasket. For full maintenance details see Installation and Maintenance Manual.

