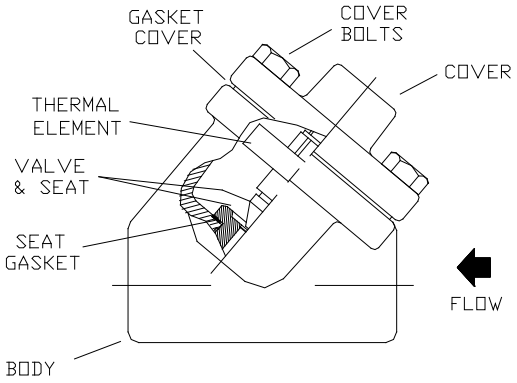
2260100 Rev A
C.R.-3794 2/4/16

TROUBLE SHOOTING

PROBLEM	CAUSE	ACTION
1)Trap does not discharge.	a)Isolation valve closed. b)Strainer or trap is blocked.	a)Open valve. b)Check units and clean.
2)Trap does not close.	a)Dirt lodged on seat area. . b)Damaged thermostat	a)Clean trap or replace & install strainer if none exists. b)Replace thermostat.



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MAX. OPERATING CONDITIONS

Pressure: PI300 = 300 psig/ 20.5 barg

Temperature: Saturated Steam Temp.

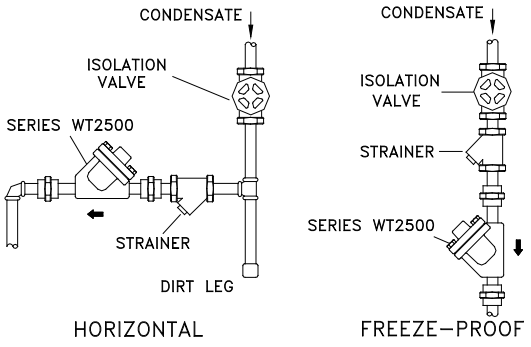
3

5

INSTALLATION (SERIES WT2500 THERMOSTATIC STEAM TRAP)

1. Before installing the trap, blow out piping thoroughly to remove loose scale and dirt. Use pipe dope or teflon tape sparingly when attaching the trap to the pipe.
2. Install the trap below the equipment being drained in a location easily accessible for maintenance and inspection. Be certain that the flow arrow on the trap points in the proper direction.
3. Install a dirt pocket to keep dirt away from the trap.
4. Discharge piping should be amply sized to avoid excessive back pressures.
5. To provide for easy maintenance and service, install a block valve on each side of the trap and install a strainer ahead of the inlet connection.
6. All valves should be full ported to achieve the rated capacity of the trap.

TYPICAL INSTALLATION



7. If the discharge piping is to be elevated, be certain that the available differential pressure is adequate to permit proper drainage. Remember, two feet of lift equals approximately one psi.

For more detailed installation instruction, see full service manual online at watsonmcdaniel.com or call the factory at 610-495-5131.