



WT3000/WT4000 Repairable Thermostatic Steam Trap INSTALLATION & MAINTENANCE INSTRUCTIONS

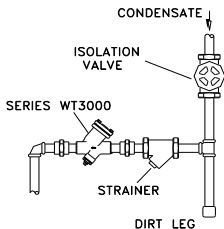
INSTALLATION – PIPING & LAYOUT

1. Trap should be located within 5' of equipment being drained & each unit, coil, etc needs a trap.
2. If possible, arrange piping to provide gravity drainage. If the discharge piping is to be elevated, be certain that the available differential pressure is adequate to permit proper drainage.
3. Install a Watson McDaniel CIY "Y" strainer in the horizontal position before the trap.
4. Install full port isolation gate valves before and after the trap.

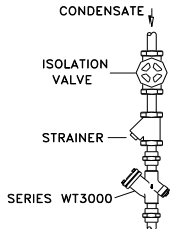
INSTALLATION – STEAM TRAP

1. Verify all piping is cool, depressurized and isolated.
2. Flush upstream piping thoroughly and blowdown all strainers.
3. Install the trap with the arrow on the body pointing to the flow direction.
4. Do not insulate trap

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HORIZONTAL



VERTICAL

1528400 Rev C

MAINTENANCE

1. Verify all piping is cool, depressurized and isolated.
2. Remove cover and discard gasket. Remove thermal element assembly and inspect seating area of valve and seat. If worn, install new repair kit. If dirty, clean with 100 grain emery cloth.
3. Make certain gasket surface is clean and free of any and all gasket residue. Reinstall thermal element and new cover gasket. Attach cover to body using anti-seize compound on cover screws and torque to 35-40 ft lbs.
4. Slowly open upstream and downstream valves.

TROUBLESHOOTING

Problem	Cause	Solution
1. Trap does not discharge	Isolation valve closed	Open isolation valves
	Strainer or trap is blocked	Check units and clean
2. Trap does not close	Dirt lodged in seating area	Clean trap or replace, install strainer if none exists
	Damaged thermostat	Replace thermostat

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