

SERIES UTD450 UNIVERSAL THERMODYNAMIC INDUSTRIAL STEAM TRAP (continued)

Maintenance Instructions:

- Isolate trap from both supply and return line pressures.
- Wait until trap has cooled to room temperature before repairing.
- Remove cap of trap module and examine sealing surfaces of disc and seat.
 - If worn:
 - Remove (2) bolts & discard the trap module.
 - Inspect seating area of Universal Connector & remove any remnants of old gasket material.
 - DO NOT scratch sealing surfaces.
 - Attach new disc trap module to Universal Connector.
 - Apply anti-seize compound to bolt threads and evenly torque to 35 - 40 ft-lbs.
 - If dirty:
 - Wipe surfaces with SOLVENT ONLY – NO ABRASIVES.
 - Inspect seating area of Universal Connector & remove any remnants of old gasket material.
 - DO NOT scratch sealing surfaces.
 - Apply small amount of anti-seize compound to bonnet threads.
 - DO NOT get any on sealing areas.
 - Install disc with GROOVE SIDE DOWN on seat.
 - Install cap & torque @ 70 ft-lbs.
- Slowly open upstream & downstream valves.

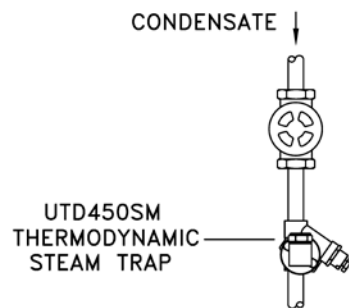
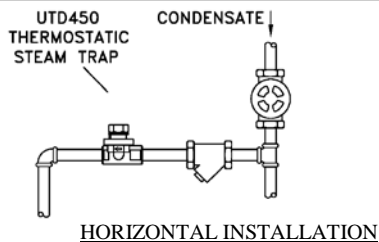
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For more detailed installation instruction, see full service manual online at watsonmcdaniel.com or call the factory at 610-495-5131.



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UNIVERSAL THERMODYNAMIC TRAP SERIES UTD450/UTD450SM/UTD600LSM-HP WITH UC450 & UC450S CONNECTORS USED FOR CONDENSATE REMOVAL



Installation Instructions:

- Arrange piping to provide gravity drainage to trap.
- Install separate trap for each unit, coil, etc.
- Pipe to correct flow, check flow arrow on trap.
- Outlet piping should not be smaller than inlet piping.
- If possible, trap should be located within 5 feet of equipment being drained.
- For freeze proof installation place in vertical position without lift after trap.
- **CAUTION:** First install universal connector then mount trap module & torque (2) bolts evenly to 35-40 ft-lbs. using a small amount of anti-seize.
- Do not insulate trap.
- Before activating trap station, blow-down strainer to purge all scale, dirt, etc. from system.