

**SERIES WD450 WITH WU450S  
& WU450**

**THERMODYNAMIC UNIVERSAL  
CONNECTORS**

INSTRUCTION PART NO. 1559203

REVISION 2

**INSTALLATION**

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 five 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.

**MAINTENANCE**

Isolate trap from both supply and return line pressures.

Wait until trap can be comfortably touched by hand before repairing.

Remove cap of disc module and examine sealing surfaces of disc and seat. If worn, remove (2) bolts & discard trap module.

If dirty, wipe surfaces with solvent only. No abrasives. Apply small amount of anti-seize compound to bonnet threads.

**CAUTION:** keep sealing areas clean. Install disc with groove side down on seat. Install cap & torque: 1/2" trap 75 ft-lbs & 3/4" trap 110 ft-lbs.

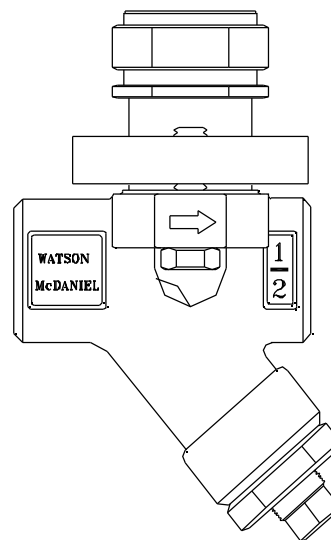
Inspect seating area of universal connector & remove any remnants of old gasket material. Do not scratch sealing surfaces.

Attach disc trap module to universal connector. Apply anti-seize compound to bolt threads and evenly torque to 35-40 ft-lbs.

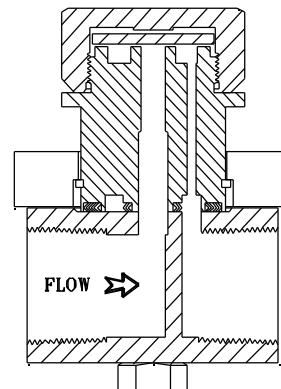
Slowly open upstream & downstream valves.

**MAX. ALLOWABLE CONDITIONS:**

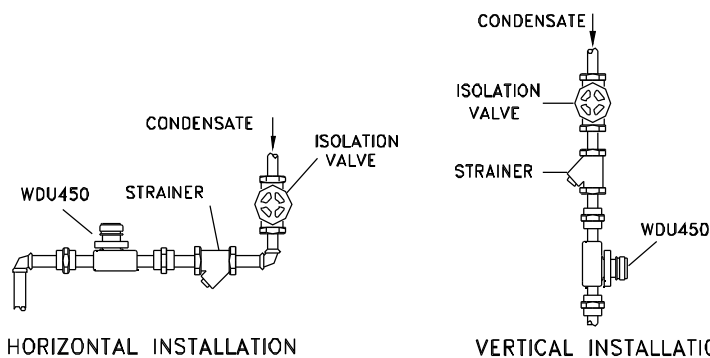
PMO	450 PSIG	PMA	720 PSIG @ 100°F
TMO	750°F	TMA	800°F @ 400 PSIG



WD450 with WU450S  
Connector (Strainer)



WD450 with WU450  
CONNECTOR



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