

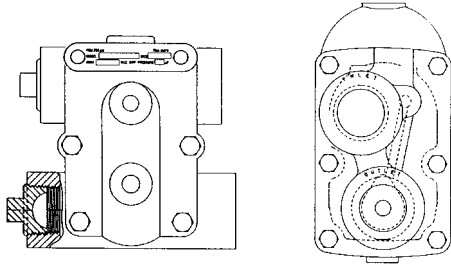


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NICHOLSON
STEAM TRAP

INSTALLATION AND MAINTENANCE GUIDE



3/4" and 1"-All
1 1/4" FTN 15 & FTN 30

1 1/4" FTN 75 & FTN 125
1 1/2" & 2"-All

FTN Series Float & Thermostatic Steam Trap

INSTALLATION

Traps should be installed in an accessible position and location for easy servicing. The maximum differential pressure (ΔP) stamped on product name plate must be greater than the maximum pressure differential across the trap. Be sure to install trap straight, plumb and in a level position to insure proper operation.

1. Install below and close to equipment being drained, avoid long lengths of horizontal piping ahead of trap.
2. Pitch all horizontal inlet lines toward the steam trap to help eliminate potential water hammer problems.
3. Pipe plugs included separately must be placed in the two unused connections on all 3/4", 1" and 1 1/4" FTN 15 and FTN 30 traps. (see Figure 2)
4. A dirt pocket and strainer (with blow down) should always be provided ahead of trap.
5. Union fittings and shut off valves should be installed on both sides of trap for ease of servicing and trap testing.

TYPICAL INSTALLATION

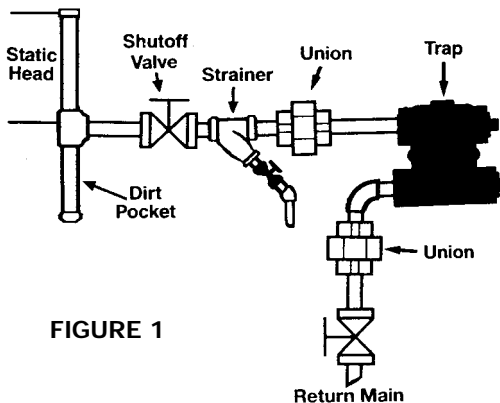


FIGURE 1

MAINTENANCE

Accumulated dirt and sludge can be removed by "blowing down" through the drain in the bottom of the trap. The trap mechanism should be inspected periodically and all dirt removed from working parts. Worn parts must be replaced.

PIPING COMBINATIONS

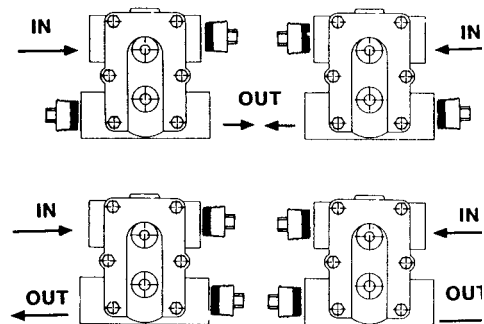


FIGURE 2



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