



IMPACTO SOLUTIONS PVT LTD.

Tel: +91-7620717980

Email: info@impacto.co.in

www.impacto.co.in

Factory : Gat. No. 410, Near Salunkhe Farm house, Moi Nighoje Road, Near Shrinath Colony, Nighoje, Chakan, Pune, Maharashtra 410501

Installation, Operating & Maintenance Instruction

Thermodynamic Steam Traps

Introduction

Designed for efficiency, the **IMPACTO** thermodynamic steam trap automatically expels condensate from steam equipment and steam mains.

Warning

The dangers associated with steam systems necessitate strict safety precautions. Before engaging with steam equipment, verify that the pressure has been released and that the equipment has sufficiently cooled.

Installation

An arrow on the body of the thermodynamic steam trap indicates the flow direction, and it can be installed in any position below and near the equipment being drained. If the equipment does not have a sump or reservoir, a drip leg must be installed at the drain location, and the steam trap should be placed below the drain point for easy access and maintenance.

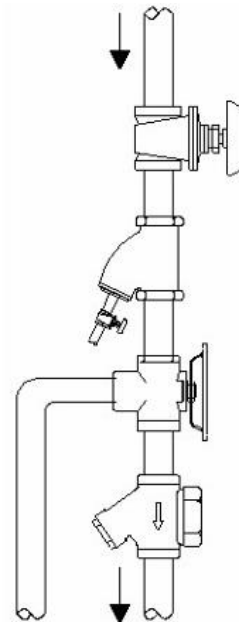
The pressure differential across the steam trap must not exceed the maximum operating pressure (PMO) specified on the nameplate. Prior to installation, ensure that all dirt and scale are removed from the equipment and piping. The trap should be installed close to the equipment, avoiding long horizontal runs of piping.

For freeze-proof operation, the thermodynamic steam trap should be installed vertically downward, with the discharge piping leading to a gravity return or to the atmosphere. All models, even those with an integral screen, require a line strainer to be installed upstream. Furthermore, union fittings and shut-off valves should be placed on both sides of the trap for easier testing and maintenance. A test and exhaust valve at the trap outlet can relieve line pressure before servicing and allow for visual checks of the trap for steam leaks during future inspections.

Maintenance

We suggest performing a blow down of the strainer to remove accumulations shortly after installation and during each scheduled maintenance or inspection of the steam trap. Periodic inspections of the steam trap disc and seating surface are also important, ensuring that all dirt is removed from the working parts. To avoid scratching the seating surfaces, clean them gently with a cloth.

From Equipment
Being Drained



From Equipment
Being Drained

