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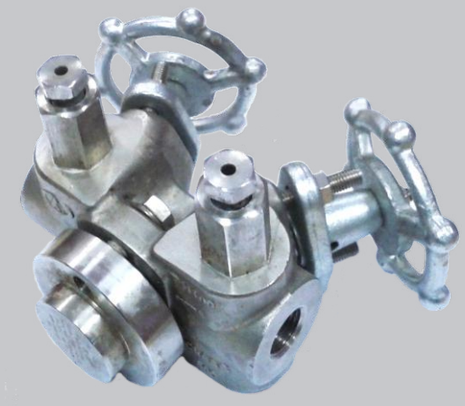
Energy Environment Solutions for Sustainable Growth



Thermodynamic Trap Module

STEAM ENGINEERING

INTRODUCTION

Thermodynamic steam trap module (TDMOD) is a ready to install module with a inlet and a by-pass valve. The module piped with all the components fitted and is provided with a 150# or 300# flanged connection which has just to be bolted to the steam line drain pocket.

FEATURES

- Ready to install
- No site fabrication required
- Recommended steam line mains and steam header drains
- Suitable for draining condensate from saturated steam lines.

TECHNICAL SPECIFICATIONS

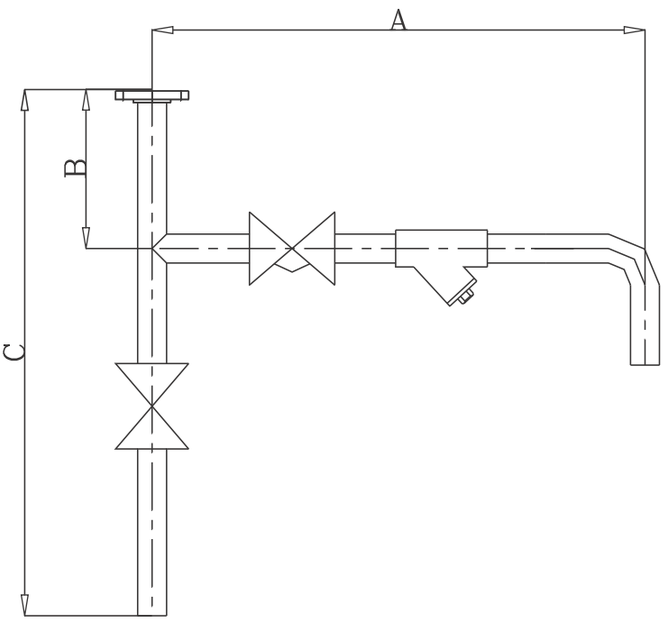
Available models	TDMOD
Options	End connection as per ASME B16.5 class 150# or 300# With standard globe valves With bellow seal globe valves
Certification	Manufacturer's certificate and Indian Boiler Regulation (IBR) certificate, if specified
Sizes	DN15, 20, 25 (NPS ½, ¾, 1)
Connections	Flanged to ASME B16.5, class 150#, 300#
Installation	Horizontal installation with thermodynamic trap disc in horizontal plane
Application limits	Minimum inlet pressure 0.3 kg/cm^2 Maximum operating back pressure 80% of inlet pressure
Steam traps used	DN15 & DN 20 RIFOdyn RD 323 DN25 RIFOdyn RD 321
Available spares	Spares for thermodynamic steam traps available as covered in separate sheet of thermodynamic steam traps

INSTALLATION

Installation of TD Trap module is recommended for steam line mains and for steam header drains. Connect TD Trap module to the drain pipe with flanged connection.

We recommended not to connect this condensate drain to common condensate return header. Because even one leaking TD trap can create back pressure problem and affect the performance of the main condensate recovery system.

Ensure disc of Thermodynamic Trap is in horizontal plane.



DIMENSIONS

Dimensions	DN 15	DN 20	DN 25
A	450	475	575
B	150	150	200
C	450	450	500

HOW DO THEY WORK

The equipment at the heart of this module is the thermodynamic trap it self. The trap is provided with a inlet valve and a by pass valve, all properly piped together with a flange for connecting it to the steam mains or equipment.

Such module eliminates all site fabrication activity where trained qualified man power and quality check facilities may not be available and cuts down on installation time.

HOW TO ORDER

- Application :
- Steam Pressure :
- Temperature :

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THERMAX

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