



# Energy Environment Solutions for Sustainable Growth

## Air Vent Module



### STEAM ENGINEERING

#### INTRODUCTION

Air vent module is suitable for removing air from steam lines and is recommended for equipment, steam headers and end of steam lines. Air vent module is recommended to be installed at the highest point with the isolation valve which has to be kept open all the time during normal operation.

#### FEATURES

- Ready to install
- No site fabrication required
- Suitable for venting air from saturated steam line mains and equipment.
- To be installed on steam header in boiler house, end of steam lines and steam heated equipment.

#### TECHNICAL SPECIFICATIONS

Parameters	Description
Options	End Connection as per ASME B16.5, #150
Sizes	DN15
Installation	Horizontal or Vertical Installation
Application Limits	As per Flange rating and rating of Thermostatic Steam Trap

Please be informed that the air vent outlet will keep draining some amount of condensate alongwith invisible air. This is natural phenomenon. It is treated as working healthy.

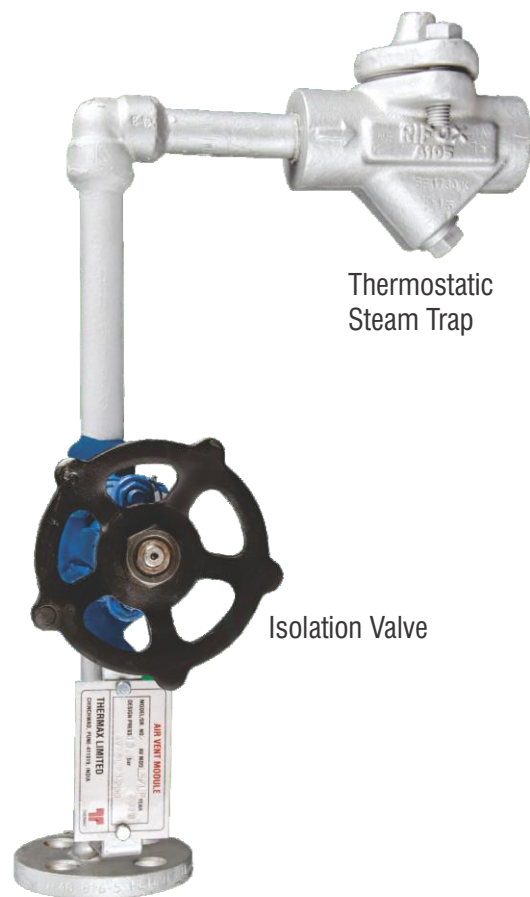
## MATERIALS

Description	Materials
Isolation Globe Valve	Forged Carbon Steel ASTM A105
Thermostatic Air Vent	SS / Carbon Steel body with SS internals with strainer ASTM A276 Type 304 / ASTM A105
Interconnecting Pipe	Seamless Carbon Steel ASTM A106 Gr.B
End Flange	Forged Carbon Steel ASTM A105

## HOW DO THEY WORK?

The equipment at the heart of this module is the Thermostatic Steam Trap, also known as an air vent in this case based on the application. The air vent is provided with an inlet valve and a flange piped together for connecting it to the steam mains, end of header or equipment.

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



Thermostatic Steam Trap

Isolation Valve

Product of RIFOX GmbH - A THERMAX group company



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