



# Energy Environment Solutions for Sustainable Growth

## Air Eliminator



**RIFOair 8064-90**

**STEAM ENGINEERING**

### Introduction

RIFOair 8064-90 is a float controlled trap that discharges air and non condensable gases from liquid storage & transportation systems, independent of pressure and temperature variations. With the float in the lower position the outlet port is open. Air and gases escape through the upside down immersion tube. Rise in liquid level lifts the float and closes the outlet port.

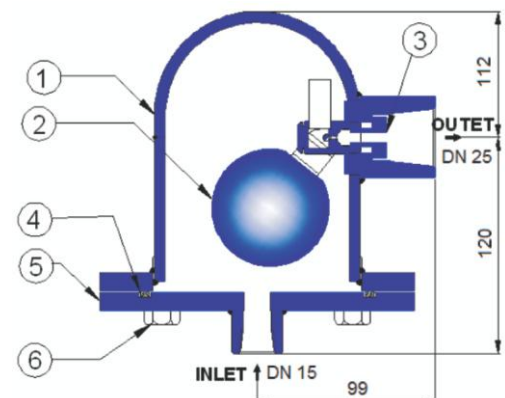
### Features

- Simplicity of design.
- Corrosion resistant internals
- Maintenance free
- Rugged construction
- No spare parts required
- High quality precision internals

### Material

| Sr No | Description      | Material of construction (MOC) | Specifications    |
|-------|------------------|--------------------------------|-------------------|
| 1     | Body             | Carbon Steel                   | ASTM A106 Gr. B   |
| 2     | Control Unit     | Stainless Steel                | SS 304            |
| 3     | Supporting Screw | Stainless Steel                | ASTM A479 Tp. 304 |
| 4     | Gasket           | Stainless Steel + Graphite     | SS 304 + Graphite |
| 5     | Cover            | Carbon Steel                   | ASTM A516 Gr. 70  |
| 6     | Bolt             | Stainless Steel                | ASTM A193 Gr. B7  |

(All dimensions are in mm)

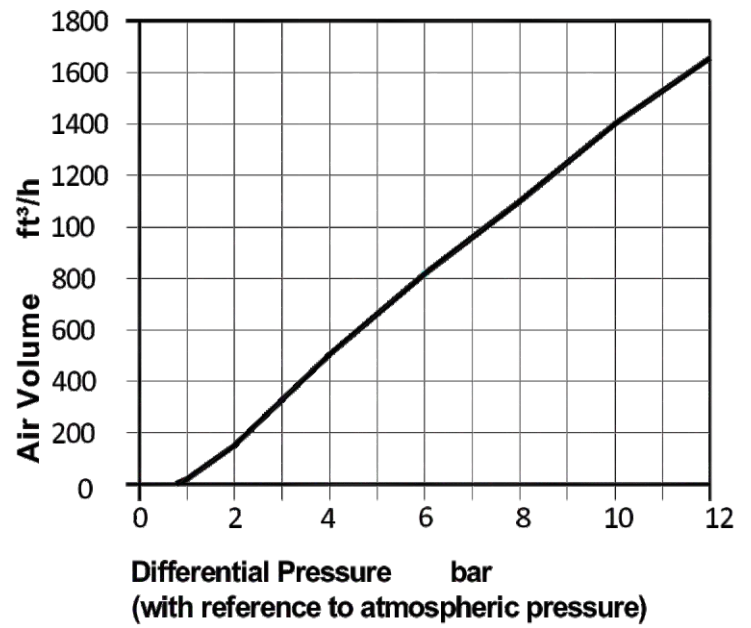


## Technical Specifications

|                  |  |
|------------------|--|
| Available models | RIFOair 8064-90-15   |
| Certification    | Manufacturer's certificate, if specified   |
| Sizes            | DN15 (NPS ½)   |
| Connections      | Female Screwed, NPT<br>Flanged to ASME B16.5, class 150#, 300#, 600#<br>Screwed to NPT is standards.<br>All other end connections on request |
| Installation     | Vertical   |

|                                  |                        |           |
|----------------------------------|------------------------|-----------|
| Body design pressure             | kg/cm <sup>2</sup>     | 16 (PN16) |
| Body design temperature          | °C                     | 300       |
| PMO – Max. operating pressure    | kg/cm <sup>2</sup> (g) | 12        |
| TMO – Max. operating temperature | °C                     | 300       |
| Hydraulic test pressure          | kg/cm <sup>2</sup>     | 18        |
| Weight                           | kg                     | 4         |

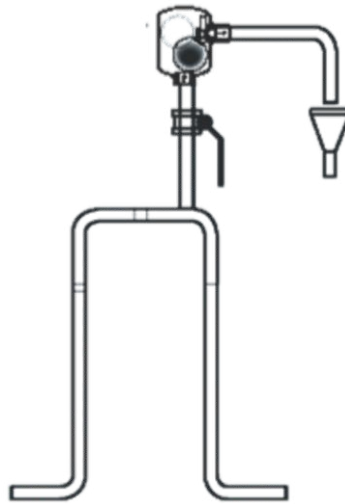
## Capacity Chart



## Typical Installation



Storage Tank



Liquid Carrying System

## Applications

- Cold Water Storage Tank
- Cold Water Pump Suction
- Other applications available on request.

Product of RIFOX GmbH - A THERMAX group company



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### Thermax Business Portfolio

- Heating
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- Solar
- Power

This brochure presents only some of our products and we reserve the right to amend any product details without notice. The photographs used in the brochure are indicative and may not match the actual plant.

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