

BALL FLOAT - CONTROLLED

Steam Traps

Auto Drain Traps

Air Vent Valves

Float Valves

Feed Control Valve

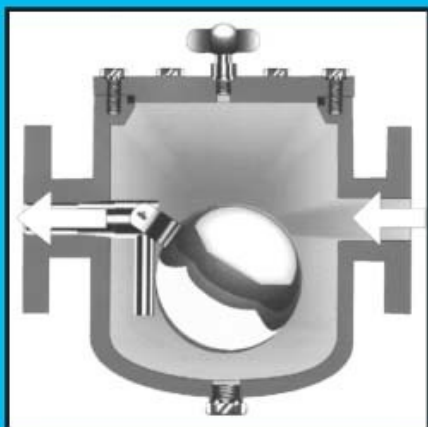
Drain Control Valve

Moisture Separators

Condensate Lifting Pumps

FLOAT CONTROLLED STEAM TRAP & AUTO DRAIN TRAP

- Designed for outstanding performance
- Simple and sturdy design



Function

Increasing level opens and decreasing level closes the outlet proportionately. Independent of pressure and temp. fluctuations. Very simple operational check and air venting possible through stainless steel check valve. The simple & Sturdy design of rotary valve assures you of the reliable and trouble free operation of trap without any steam/air leakage.

Pressure Range Vacuum to 320 kg/cm²

End Connections 15 NB to 100 NB
Welded / Flanged / Screwed.

Media Steam, compressed air, compressed gases.

Discharge Capacity Upto 48000 kg/hour
BEP ball float controlled units are of continuous discharge type and discharge the condensate proportionate to the rate of accumulation.

These units can handle high starting load and are also suitable for very low as well as very high loads. These units can be fitted with light floats for media with density less than one.

Installation horizontal/Right angle.

WHAT MAKES TRAPS SO IDEAL FOR YOUR APPLICATION ?

- Only one moving part.
- Simple system, working parts manufactured from high grade corrosion resistant stainless steel.
- Insensitive to contamination.
- Extremely long working life.
- Extremely low maintenance.
- Proportional control action.
- Independent of pressure and temperature fluctuations.
- Impact-free and silent condensate discharge in exact quantity.
- No whirlpool effect, consequently no loss of steam.
- Can work even at 95% back pressure.
- Can work at very low differential pressure pressure i.e. at 0.01 kg/cm²

AUTOMATIC AIR VENT VALVE

- For Liquid Lines



Function

BEP ball float type vents are designed for automatic venting of air or gas from any liquid. The presence of gas in casing lowers the float and opens the outlet.

Pressure Range

Up to 63 kg/cm²

End Connections

15 NB to 200 NB
Flanged / Screwed / Welded.

Air Venting Capacity

Up to 1250 nm³/h

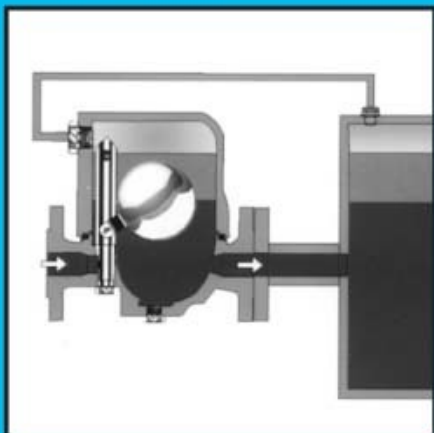
Installation

At highest point of equipment with vertical inlet from bottom

Application

For venting of Water / Oil pipe lines, storage tanks and other process equipments.

LEVEL CONTROL VALVE AS FEED CONTROL



Pressure Range

Up to 100 kg/cm²

End Connections

15 NB to 200 NB
Flanged / Screwed

Capacity

Up to 48000 Kg/h

Installation

As per example

Application

Securing a predetermined max liquid level.

Suitable for various media i.e. water, oil, liquid ammonia and liquid chemical etc.



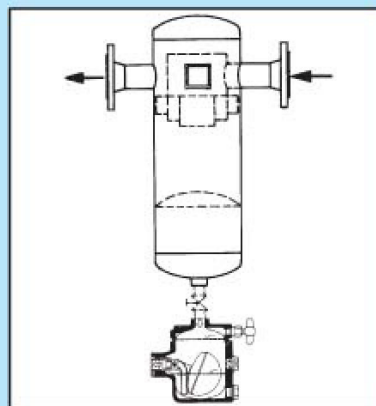
Built From Experience ...

BEP Ball float Steam and Auto Drain Traps provide rugged, simple construction for dependable, continuous operation. The Steam / Auto drain ensures maintenance free and efficient operation that saves the energy. All traps are fitted with internals made of high grade corrosion and wear resistant stainless steel. The bodies are manufactured from high quality carbon/stainless steel. All models are available in horizontal and right angle construction, with end connections according to customer's requirement. BEP assures you the trouble free operation of their traps for your any specific application. At BEP we provide the correct technical solutions to suit the customers requirement.

For your enquiry please inform-Media, Inlet & outlet pressures, quantity to be discharged and end connections required.

Represented by
M/s.

MOISTURE SEPERATORS



Function - BEP high efficiency moisture Separators are specifically designed for the extraction of liquid particles from air/gas flow.

A rotary motion is imparted to the air/gas flow by means of a guiding device with a high circulatory velocity. The particles, water droplets contained in the air/gas are Flung on to the seperator wall by centrifugal force and are collected at the bottom. The cleaned dry air/gas leaves the seperator through a central dip tube.

The collected moisture at the bottom of seperator casing is automatically drained by BEP Auto drain trap.

The collecting chamber is fitted with a cover plate which prevents the seperated moisture being picked up again and carried forward.

BEP moisture seperators cannot become clogged and their performance remains constant with a uni-formly / low pressure drop.

Pressure Range : Up to 63 Kg/Cm²

Sizes : 40NB to 250NB. Flanged

Media : Steam / compressed air / gas

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