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HBOEV-100 Series of One Way Exhaust Vent Valves for Oil Tank in Portable Fueling Station

HBOEV-100 Series of One Way Exhaust Vent Valves are used on above ground oil storage tank in Portable gas Station or used in oil storage depots. The vent valve typically consists of two parts: the aluminum body and an electrophoretic coated cast iron cap. It will only work when the pressure in the tank increases rapidly and the pressure inside of the tank is more than 4 Kpa or other preset pressure standard.



HBOEV-100 One Way Exhaust Vent Valve
With 4 inch NPT or BSPT Male Thread



HBOEV-100F One Way Exhaust Vent Valve
With 4 inch Flange Connecting together with 4
inch Female Thread

Technique Specification:

Body Material: Cast Aluminum Alloy

Black Cap Material: Cast Iron Electrophoretic coating

Temperature Range:-20~+50°C

The Positive opening pressure: 4 Kpa(Regular Type) or 3 Kpa for option

Negative opening pressure:None this function

Order Specifications:

Model	Connection Method
HBOEV-100	4 Inch Female NPT/BSP Thread (Regular Type)
HBOEV-100F	4 Inch Female NPT/BSP Thread with 4 inch Flange (if necessary)
HBOEV-125F	5 inch Flange (if necessary)
HBOEV-150F	6 inch Flange (if necessary)
HBOEV-200F	8 inch Flange (if necessary)

Standard of connecting flange can be produced according to client's detailed requirement.

Features:

It reduces oil evaporation losses to a certain extent. When necessary, it can automatically open and adjust to maintain a balanced pressure inside and outside the tank.

When the vapor pressure in the tank exceeds the allowable pressure, oil vapor is released through the pressure valve.

This series of valves **can be produced at different pressures according to clients' detailed requirement** so that to ensure reliable oil storage function, making the oil tank safe, reliable and not be easily damaged.