



NEOGI TECHNOLOGIES AND RESEARCH (P) LTD.
Customized Solution Provider for Liquid Management Systems

Award and Recognition



MINIMIZE EVAPORATION LOSS & MAXIMIZE PROFIT

INSTALL NOW !

NEOGI P V VALVE



" Neogi P V Valve (40mm / 50mm Pressure cum Vacuum Valve) for your Fuel Storage Tanks-underground and / or above ground.

Pressure Vacuum (P V) Valves ,often referred to as Breather Valves or Conservation Valves, came into use when it was realized that Evaporation Losses could be substantially reduced by the application of P V Valves, instead of open vents.

Benefits

- Neogi P V Valve protects Volatile Material Storage Tanks against over / under pressure
- Neogi P V Valve controls evaporation losses against open vents
- Neogi P V Valve helps reduce the dispersion of Gas in air and keeps Environment Clean
- Neogi P V Valve is also a Safe Guard Measure against Fire compared to open Vent System.

Function

Normally closed ports in valve are operated at a predetermined pressure or vacuum setting to allow the tank to ventilate to avoid explosion.

Unique Features

The main parts of the valve are made of Cast Aluminum with SS wire mesh to protect it from any foreign particles.

The Pressure / Vacuum Settings:

For safe working, the Pressure / Vacuum setting at 3 inch (± 0.5 inch) water column pressure / Pressure / Vacuum setting at 8 inch (± 2 inch) water column vacuum settings are necessary. A built in Flame Arrester with two layers of S S wire mesh Neogi P V Valve prevents the intrusion of water, debris insects, dust etc.

Installation

The Neogi P V Valve is installed on the top of the vent pipes of underground / above ground fuel storage tanks.

Maintenance

No special tools are required to carry out periodic maintenance. Periodically i.e. at least once in six months SS / Brass wire mesh should be cleaned for smooth functioning of the valve.



40mm / 50mm



This P V Valve is recommended in the Vent Pipe of 15 to 22KL Tanks.