

Transvac Quality Marine Equipment

Air Admission Valve

Maintenance Equipment for Vacuum Toilet Systems



Innovative Designs:

Transvac Systems have developed a range of innovative maintenance equipment specifically designed to enhance the operation of Marine Vacuum Sanitary Systems as installed on a wide variety of vessels and offshore installations operating worldwide.

The Air Admission Valve....



The Air Admission Valve is a fully automated device that can be permanently installed on the extreme end of problematic lines that are prone to flooding as a result of poor vacuum quality and regular blockages.

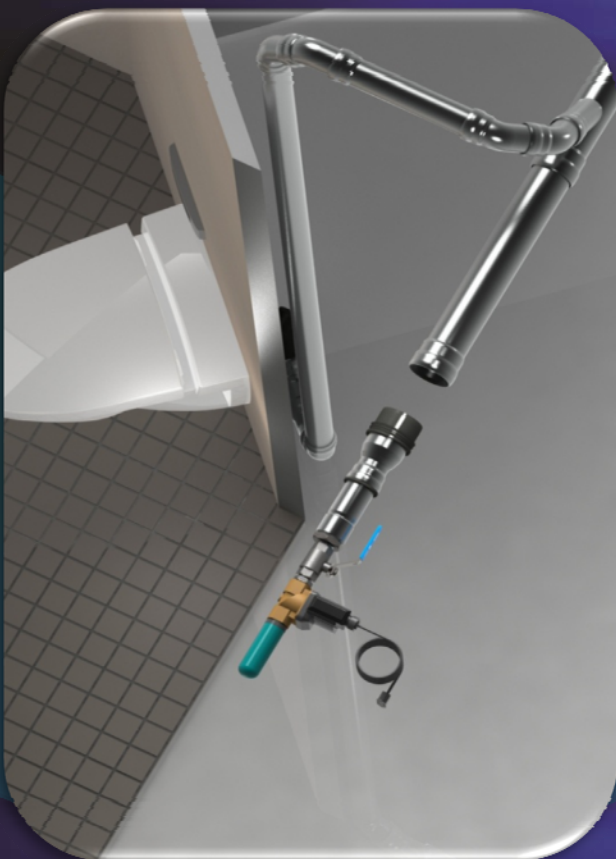
The valves are easy to install, unobtrusive, require minimal maintenance and are silenced to enable them to be fitted within accommodation areas. Models are available to suit 240 and 110volt power supplies. Connections are available to suit interfaces with DN40, DN50 and DN70 pipework

How it Works

The Air Admission Valve includes a solenoid valve which is programmed to open for a pre-determined time and frequency (Note! factory preset is 20 seconds every 3 hours which is adjustable).

On each opening event, the valve will admit between 60 to 100 litres of ambient air which will enter the vacuum main via pressure differential and effectively purge the line by pushing the liquid towards the vacuum collection plant.

The regular purge of air will keep the internal bores dry and will delay the potentially rapid buildup of calcination which reduces the vacuum reservoir leading to the operational failure of toilets and vacuum interface valves.



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Air Admission Valve

Fitting Specification

DN40 (Loro) Connection
Part # 0226P005



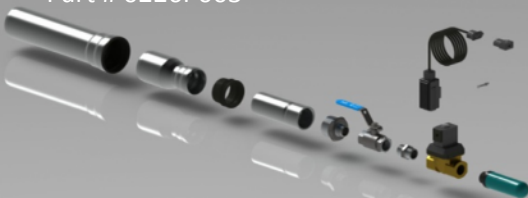
110 Volt Variant

DN50 (Loro) Connection
Part # 0226P004



110 Volt Variant

DN70 (Loro) Connection
Part # 0226P003



110 Volt Variant

DN40 (Loro) Connection
Part # 0226P022



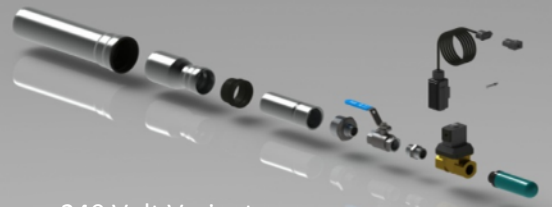
240 Volt Variant

DN50 (Loro) Connection
Part # 0226P021



240 Volt Variant

DN70 (Loro) Connection
Part # 0226P020



240 Volt Variant

**Note!! Bespoke Interface Connections
Are Available On Request.**



Contact

For further information, prices and availability contact the sales team at the following address:

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