

Transvac Quality Marine Equipment

Slop-Hopper

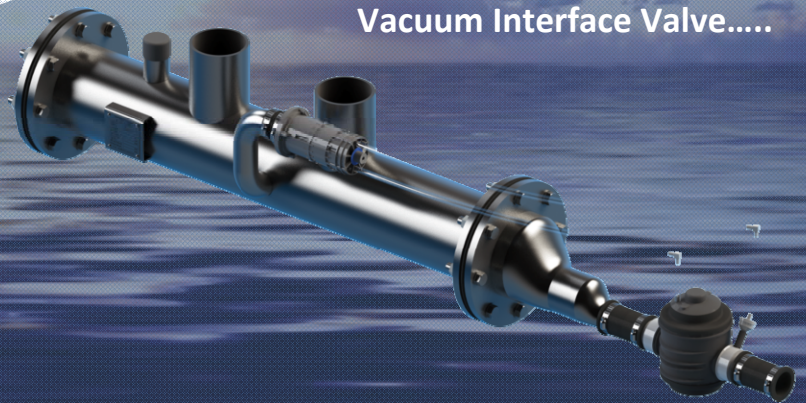
Maintenance Equipment for
Vacuum Toilet Systems



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 Slop-Hopper Vacuum Interface Valve.....



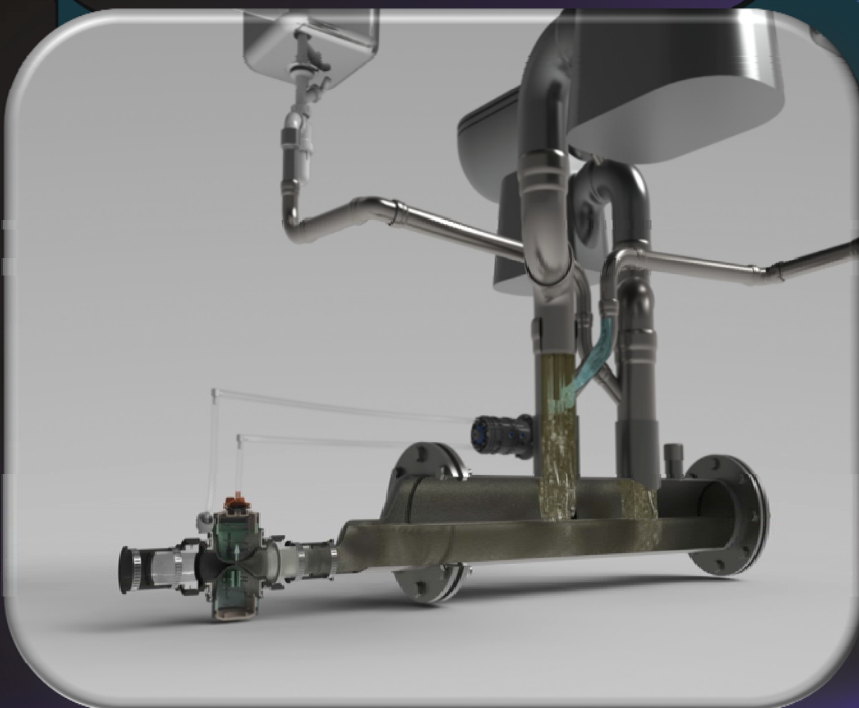
The Slop-Hopper is a large scale vacuum interface valve which can be fitted in-line to collect grey and black water arisings from Gravity Flush Toilets and Waste Disposal Units fitted to Galley Sinks. The Slop-Hopper is ruggedly designed to handle larger scale debris without fouling – units are available in either Stainless Steel (AISI 316) or Galvanised Steel.

How it Works

The grey or black water arisings gravitate to the Slop Hopper collection chamber which is atmospheric. As the level of liquid rises in the chamber to the static head of 80mm a diaphragm in the activator is lifted which, in turn, transfers an operational online vacuum of between -0.35 to -0.6 bar pressure to the discharge valve.

A spring loaded mechanism in the discharge valve holds a cylindrical rubber diaphragm shut which effectively isolates the collection chamber from the online vacuum when the unit is in standby mode. When the discharge valve is subjected to vacuum, the closing mechanism is drawn open to subject the contents of the collection chamber to vacuum.

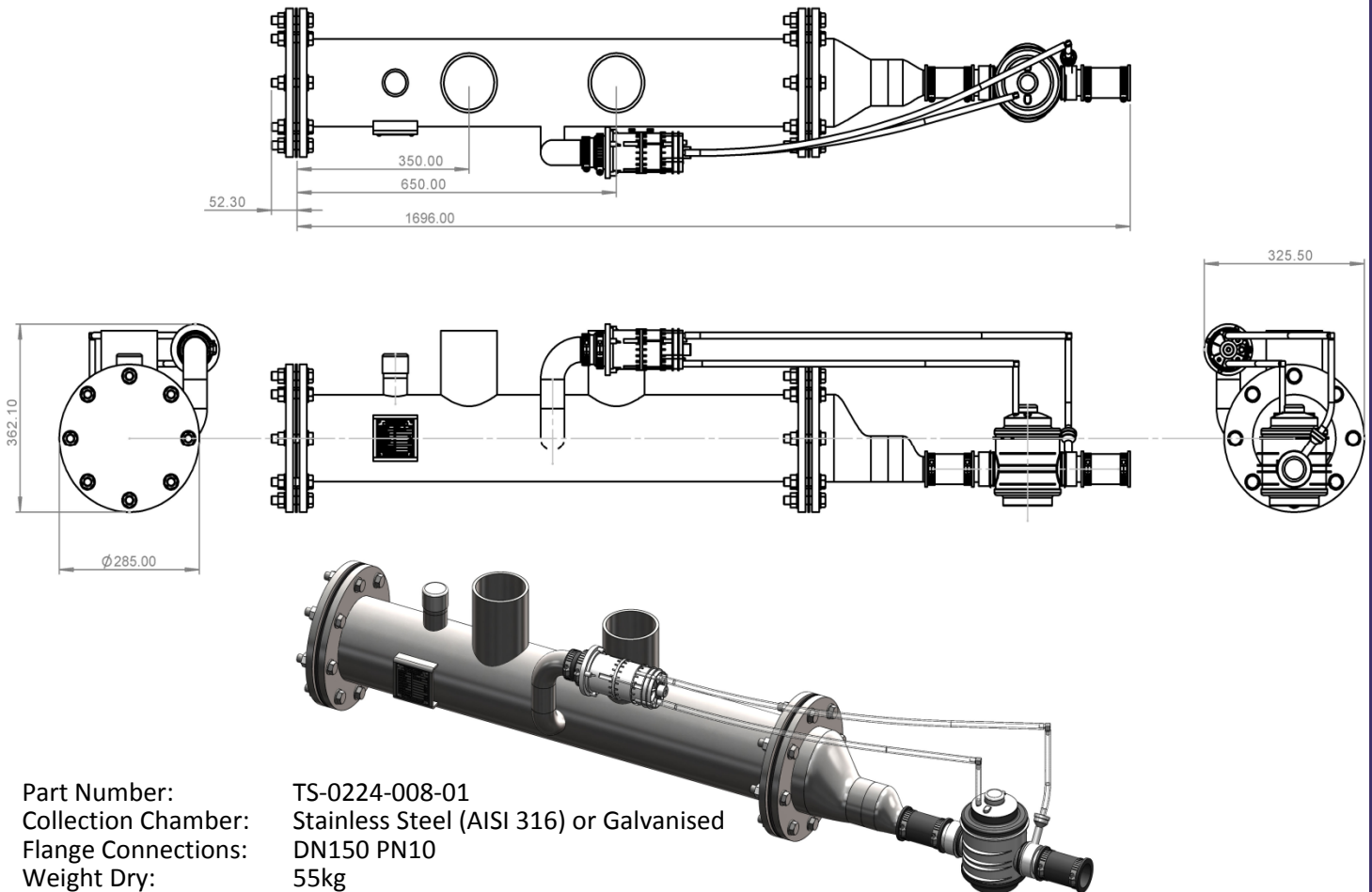
Approximately 60 litres of ambient air is admitted into the system during each activation (via pressure differential), which effectively pushes the slug of liquid into the vacuum main towards the collection plant. After 3 seconds, the activator will close off the supply of operational vacuum to the discharge valve allowing the closing mechanism to shut the cylindrical rubber diaphragm and isolate the collection chamber from vacuum until the next operation.



Transvac Quality Marine Equipment

Slop-Hopper

Technical Specification



| | |
|---------------------|--|
| Part Number: | TS-0224-008-01 |
| Collection Chamber: | Stainless Steel (AISI 316) or Galvanised |
| Flange Connections: | DN150 PN10 |
| Weight Dry: | 55kg |
| Internal Volume: | 25 Litres |
| Activator: | Evac 900 c/w Flush Memory |
| Ancillaries: | Evac 900 Discharge Valve |



Contact

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

Transvac Systems, Marlowe House
Unit B, Rudford Industrial Estate
Ford, Arundel, West Sussex BN18 0BF
United Kingdom

Tel: +44 (0)1903 736900

Fax: +44 (0)1903 731569

e-mail: sales@transvac-systems.co.uk

www.transvac-systems.co.uk