

Plantware

PlantWare Vacuum Breakers

PlantWare Vacuum Breakers is manufactured and tailored for client needs. The breaker operates on a mechanical mechanism and is released either manually or by the vacuum in the ducts.

The vacuum breaker is manufactured to fit into already existing openings in the duct system - like e.g. manholes.

Technical Data

The vacuum breaker is manufactured in dimensions from DN200 to DN1000. The vacuum breaker can also be manufactured at special dimensions.

The vacuum breaker is delivered with pre-set minimum pressure in the duct. The minimum pressure in the duct is 20 mBar for a DN200 damper and 5 mBar for DN500 and above.

Material: The damper plate can be delivered in PTFE, PE, PP or AISI 316 depending on the media in the ducting.

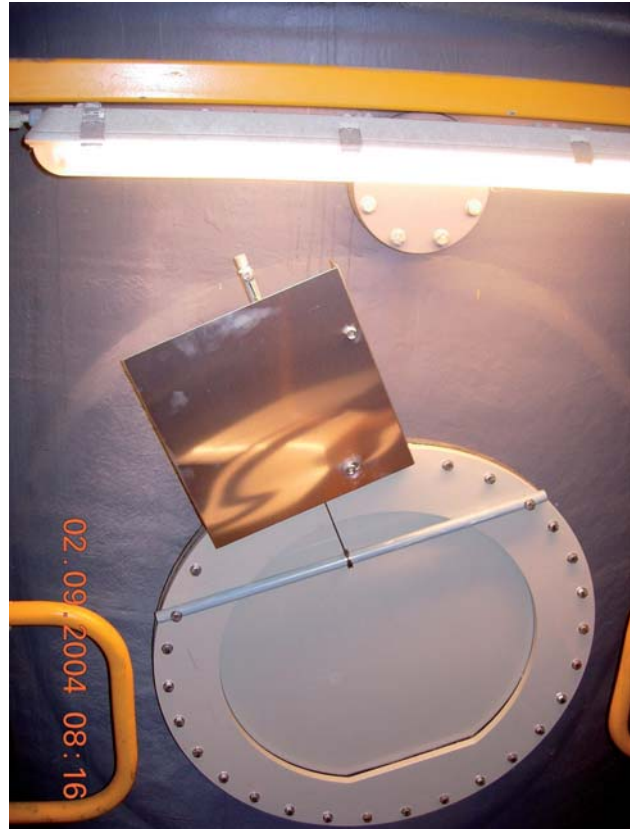
Optionally limit switches can be applied for both OPEN and CLOSED position - either single switches or "2 out of 3" set of switches.

Installation

The vacuum breaker is sold both as a component and as EPC solution, where PlantWare handles both site measurements, fabrication and construction of the vacuum breaker - for e.g. special adapted solutions.

References

PlantWare has delivered a vacuum breaker solution for a waste incineration plant in Denmark - Sønderborg KVV in 2004. Sønderborg KVV needed their already installed ducting protected as the newer FGD plant was designed for a lower pressure (vacuum).



Order Detail

Order number PWE-VB-XXXX-YYY; where

- XXXX is bolt hole diameter where the damper shall be fitted into - unit is mm.
- YYY is pressure (vacuum below atmospheric pressure) - unit is mBar.

Contact



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