

Pressure Vacuum Vent



Pressure Vacuum Vent- Model Number 100

Product Description

Model Number 100 is a safety device that reduces evaporation of tank contents to atmosphere. When air pressure exceeds the preset setting of PVV, the pallet opens, departs the seal between the seal and pallet, and expels any excessive positive pressure. They are typically mounted to a flange or pipe, which connects the vapor space of a storage tank. Vents can be set to your specifications so that the pallet assemblies in the housings open when specific pressure and vacuum levels are reached.



Product Benefits

1. StorageTech PVV Model 100 prevents evaporation losses.
2. Protects environment .PVV prevents green house gasses from mixing the atmosphere, and minimizes the product odors around the surrounding area.
3. PVV provide safety for your storage facility. PVV protects your storage tank from explosions that is caused by sudden pressure and vacuum change.

Key Features:

- 1.StorageTech PVV Model 100 has 304 or 316 stainless steel pallets, which has longer life duration as oppose to aluminium pallet, as a standard.
- 2.StorageTech PVV Model 100 provides teflon pallet seal for a longer service period, and reduce the spare cost.
- 3.Easy to install. You do not need a special tool or experience to install the StorageTech PVV Model 100.
- 4.StorageTech PVV Model 100 comes with the paint color you choose.
- 5.Humidity absorber is specially tested and manufactured to respond your needs. Aluminum cap as well as its internal materials are resistant to winter conditions.



StorageTech is registered trademark of Ergil Group

Made in Europe

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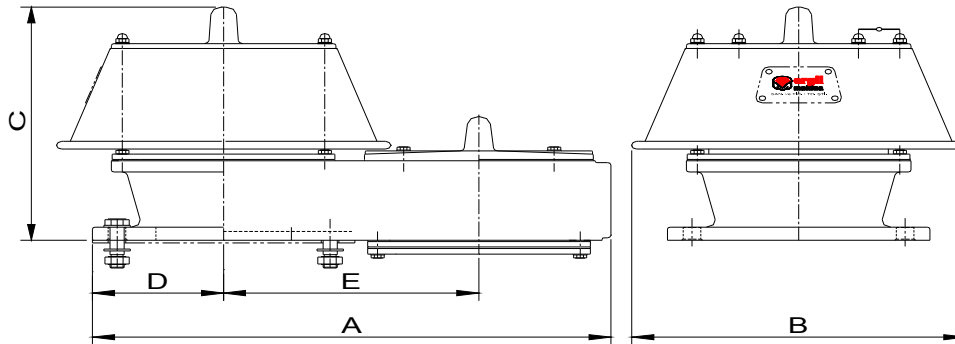
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Manufacturing Materials:

| Hausing | Seat / Pallet | Pallet Seal | Hardware | Weights | Gaskets |
|---|----------------------------------|-------------|----------------------|--|---------------------|
| Cast Aluminum Carbon Steel 304 S.S. 316 S.S. | Aluminum 304 S.S. 316 S.S. | FEP Teflon | 304 S.S. 316 S.S. | Carbon Steel 304 S.S. 316 S.S. Lead | Compressed Fiber |

Dimensions and Weights:



| Model | Inlet Conn. Inch (mm) | A Overall Length Inch (mm) | B Overall Width Inch (mm) | C Overall Height Inch (mm) | D CL Inlet Inch (mm) | E CL IV Inch (mm) | Weight Aluminum Unit Lb. (Kg) |
|-------|--------------------------|-------------------------------------|---------------------------------|-------------------------------------|-------------------------------|----------------------------|-------------------------------------|
| 100 | 2 (50) | 13-1/2 (343) | 9-1/2 (241) | 10-1/8 (257) | 4-3/4 (121) | 5-3/4 (146) | 8.7 (3.9) |
| 100 | 3 (80) | 16-7/16 (418) | 10-15/16 (278) | 11-1/4 (286) | 5-3/4 (146) | 7 (178) | 14.7 (6.6) |
| 100 | 4 (100) | 19 (483) | 12-1/4 (311) | 12-13/16 (325) | 6-1/8 (156) | 8-3/4 (225) | 31.1 (14) |
| 100 | 6 (150) | 25-1/16 (637) | 16-1/2 (419) | 15-7/8 (403) | 8-3/8 (213) | 10-3/4 (273) | 43.3 (19.5) |
| 100 | 8 (200) | 32-3/16 (818) | 20-1/2 (521) | 19-7/16 (494) | 10 (254) | 14 (356) | 66.7 (30) |
| 100 | 10 (250) | 35-1/22 (936) | 22-1/2 (572) | 20 (508) | 11-1/8 (283) | 15-1/2 (394) | 137.8 (62) |
| 100 | 12 (300) | 40-3/8 (1026) | 25-1/8 (686) | 20-5/8 (524) | 12-1/2 (318) | 17-3/4 (451) | 195.6 (88) |



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| Size (Inch) | Pressure | | Vacuum | |
|----------------|----------|------|--------|------|
| | mmH2O | mbar | mmH2O | mbar |
| 2'' | 35 | 3.42 | 25 | 0.48 |
| 3'' | 35 | 3.42 | 25 | 0.48 |
| 4'' | 35 | 3.42 | 25 | 0.48 |
| 6'' | 35 | 3.42 | 25 | 0.48 |
| 8'' | 35 | 3.42 | 25 | 0.48 |
| 10'' | 35 | 3.42 | 25 | 0.48 |
| 12'' | 35 | 3.42 | 25 | 0.48 |

* Pressure and Vacuum Values can be set in accordance with client requests

Ordering:

| | | | | | | | |
|--|--|---|-----------------------------|------------------------------------|------------------------------------|---|-------|
| 100 | — □ | — □ | □ | □ | □ □ | / □ — | □ □ □ |
| | · | : | i | i | └─┘ | | └─┘ |
| Inlet Connection Size | Housing Material | Pallet & Seat Ring Material | Pallet Seal Material | Pressure Settings | Vacuum Settings | Options | |
| 2" 3" 4" 6" 8" 10" 12" | 1. Aluminum 2. 304 S.S. 3. 316 S.S. 4. Carbon Steel | 1. 304 S.S. 2. 316 S.S. 3. Aluminum | 1. FEP Teflon | n - mmH ₂ O z - mbar | n - mmH ₂ O z - mbar | O. No Options A. Special Coating B. S.S. Weights C. Optional Gasket Material D. Other | |

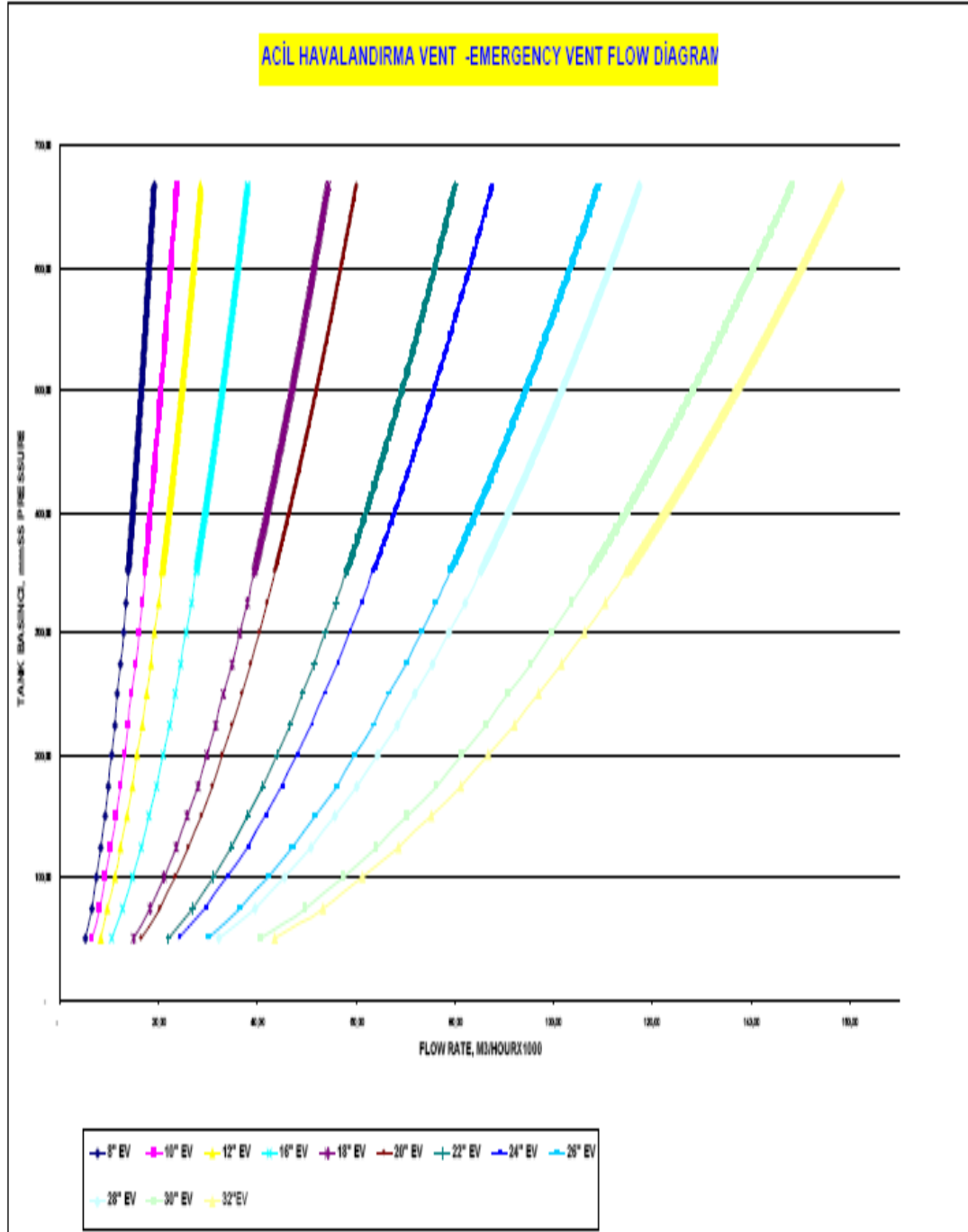


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