



Pneumatic Drain System

DSP and DSG

Application

The Pneumatic Drain System allows Solberg Liquid Separator units to be drained without stopping the process and breaking the vacuum. The liquid removed by the liquid separator flows under gravity into the drain pot. When the high level sensor detects the liquid, the drain pot is isolated from the liquid separator by the upper pneumatic ball valve. The bleed in valve then opens along with the bottom drain valve allowing the liquid to drain to atmosphere either by gravity (DSG) or forced by compressed air (DSP). When the lower level sensor triggers, the bleed in valve closes along with the bottom drain valve and the upper pneumatic ball valve opens to allow the process to repeat.

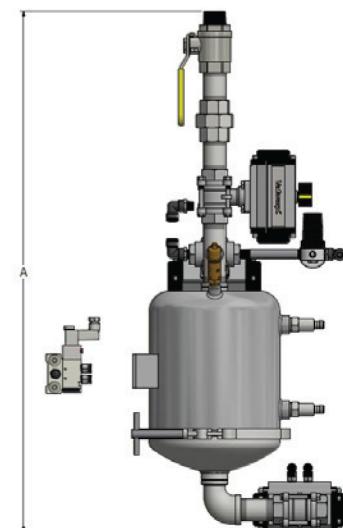
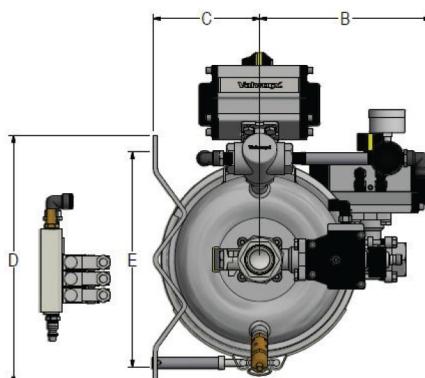


Features

- Durable carbon steel construction with stainless steel coating
- Electronic level sensors which can be adjusted for sensitivity
- Bracket supports the system on a frame or wall
- Pneumatic ball valves in stainless steel, 24 VDC, operated by 6 barg compressed air
- Removable bottom section for easy maintenance
- Electrical box according to EN 60204-1, part number EBD-PN230/24V-CE

Options

- Y-strainer at the inlet to separate particles



| Holding Capacity (liter) | BSPP Inlet & Outlet | Assembly Part Number Carbon Steel (SS Coating) | Dimensions - mm | | | | | Weight kg |
|--------------------------|---------------------|---|-----------------|-----|-----|-----|-----|-----------|
| A | B | C | D | E | | | | |
| 5 | 1" | DSP-L005-101HC | 782 | 197 | 122 | 286 | 248 | 17 |

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