

OFFLINE FILTRATION SYSTEMS

HSD Series

Head Space Dehydrator



Description

The HSD – Head Space Dehydrator is a new product designed for permanent installation on a hydraulic reservoir to reduce water vapor condensation. This water is a major cause of rust, cavitation, sensor failure, and other system failure modes. By passing a stream of dry, filtered air over the top of the oil, the moist air will be removed from the reservoir with dry air taking its place.

The resulting reduction in water and particulate in the oil will result in better life of critical system components. Most hydraulic reservoirs in Primary Metals, Pulp & Paper, and other industries contain a pocket of air between the top of the reservoir and the fluid level. By addressing this known mechanism of water and particulate ingress, we can minimize contamination more effectively at a lower cost.

Applications

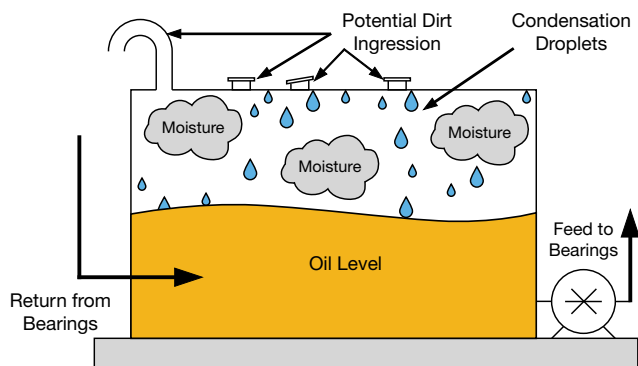
- Pulp & Paper
- Primary Metals
- More

Technical Specifications

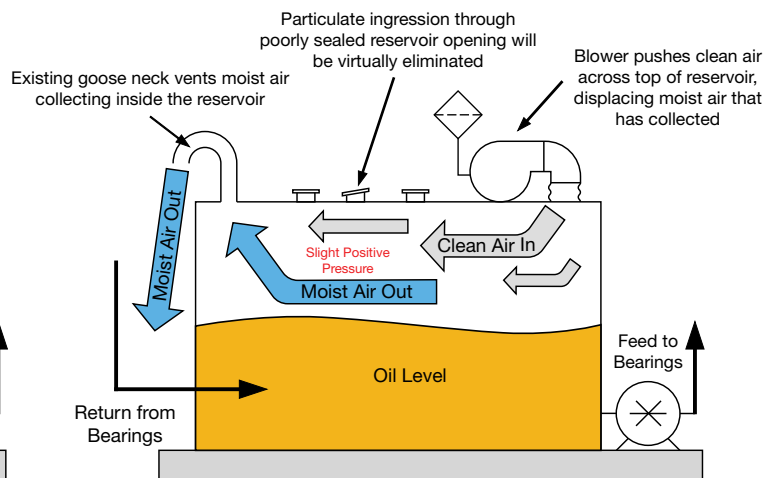
General Data	
Flow Rating	Max Flow Rate is 282 cfm (7985 lpm)
Blower	1/2 HP blower with a 220-275/380-480V-60Hz-3 phase motor
Breathers	Uses 4 Breathers which include - 0.5 psi (-0.035 bar) differential pressure indicators

Reservoir Comparison

Unprotected Reservoir



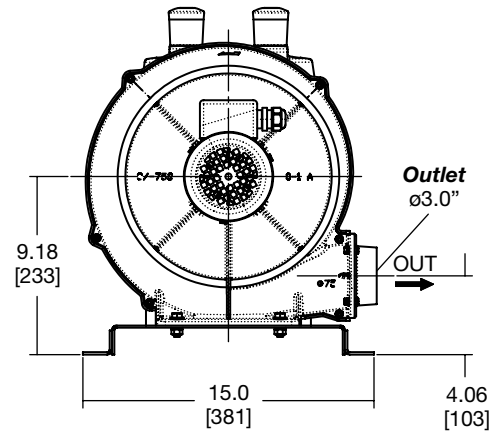
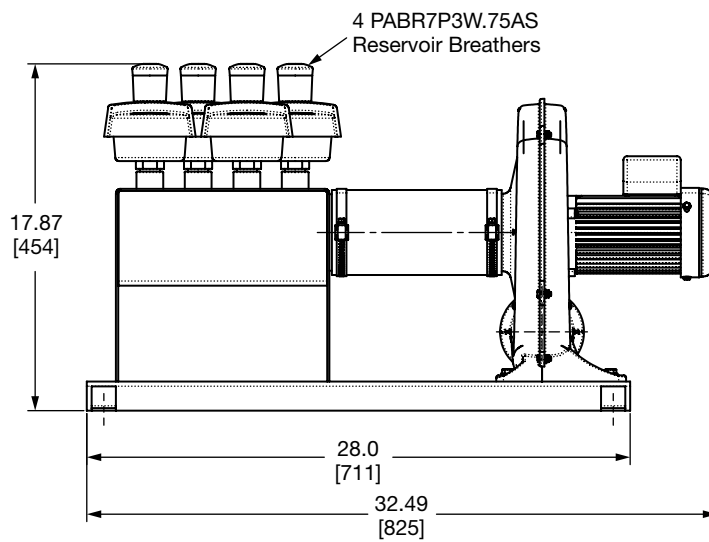
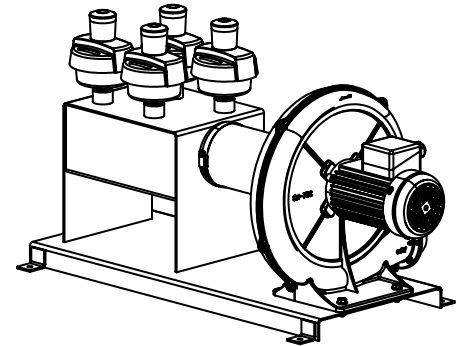
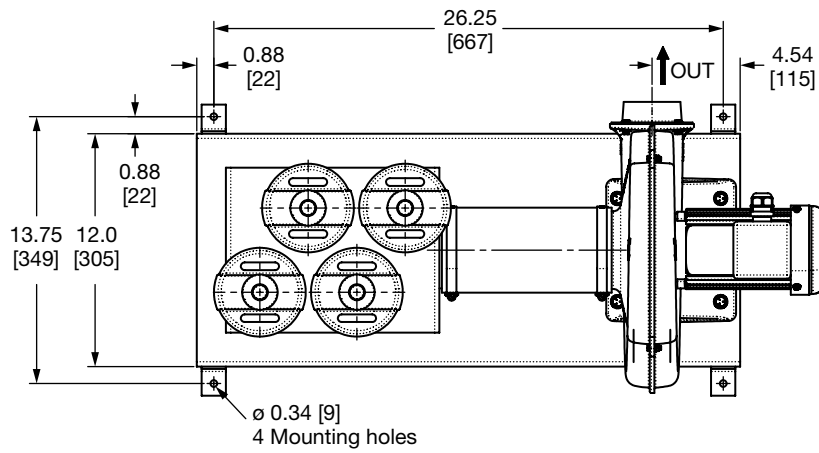
Protected Reservoir



Order Information

PN 7648599 = Head Space Dehydrator, HYDAC

Dimensions HSD



Dimensions are for general information only.