



## VaporSentry™



Model VS-601 VaporSentry™ shown with Z-134 breather

Pumps, gearboxes, and some hydraulic systems generate heavy oil mist, which is thrown up and out, or simply migrates, through the vent. This oil mist forms droplets of oil on the outside of the equipment creating an environmental issue, a safety issue, and ongoing clean-up procedures. If a desiccant breather is being used on the equipment, its useful life can be significantly shortened.

The VaporSentry™ Oil Coalescing Breather solves these problems. The original breather or vent cap is removed and replaced with the VaporSentry™. The original breather is then reinstalled on top of the coalescing unit. The connection on the top of the unit is a 1/2" Male NPT which is designed to mate with the AIR SENTRY® Z-Series (Mini) Desiccant Breathers. A simple screw-on adapter allows the use of AIR SENTRY® D-Series or X-Series desiccant breathers with the VaporSentry™.

# THE SOLUTION TO OIL MIST PROBLEMS

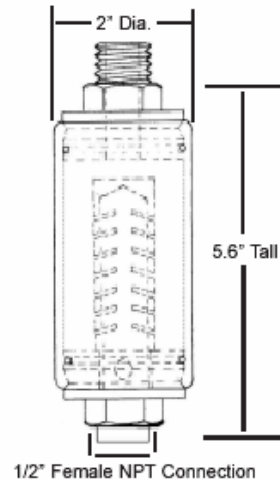
## HOW IT WORKS

The sketch below shows the dimensions and operation of the model VS-601.

On the inside of a welded aluminum containment chamber is a central diffuser post.

The migrating vapor forms oil droplets on the diffuser and the inside walls of the housing. As the droplets build, they run down the diffuser post and the wall of the housing.

The oil accumulates on the bottom of the chamber and then drains back into the gearbox or pump via "bleed back" holes located at the very bottom of the unit, thereby recycling the normally wasted oil.



AIR SENTRY® products are manufactured in a facility registered to International Standards: ISO 9001:2000 (Quality) and ISO 14001:1996 (Environmental).

AIR SENTRY® Breathers and certain related accessories are patented in U.S. Patent Numbers: 6,217,639B1 · D438,806S · D439,318S · D439,644S

AIR SENTRY® Desiccant Breathers are available for reservoirs, storage tanks, transformer cases, and other enclosed containers. Models are also available for removing fumes and odors being expelled from tanks, and for neutralizing certain hazardous gasses.



PROACTIVE LUBRICATION MANAGEMENT

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