



DISPOSABLE CONTAMINATION CONTROL BREATHERS

- Removes Corrosive Water Vapor
- Filters Damaging Particles
- Reduces Harmful Contaminants

In any reservoir containing fluids or semi-solids, air is breathed in and out as the fluid level changes or as thermal expansion and contraction occurs. Fluid contamination is the primary cause of component wear and lubricant failure in industrial equipment.

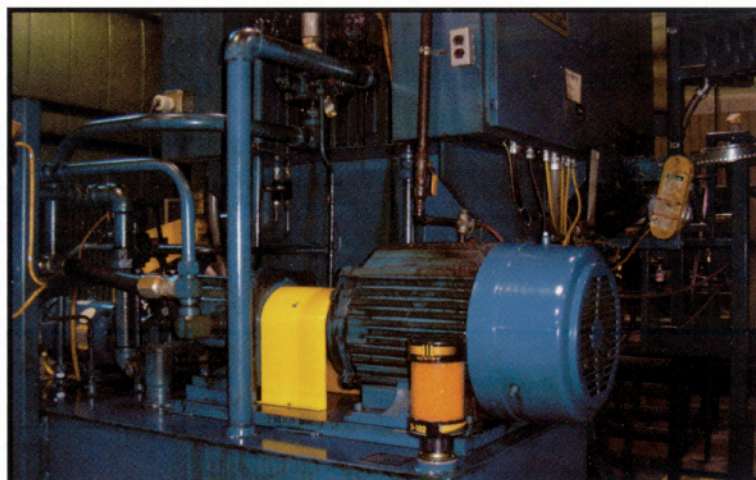
Air Sentry® Breathers replace the standard breather cap or vent tube on a tank or reservoir. They are easy to install using one of several adapters designed for different applications.

When the fluid in the system is lowered, or pressure changes occur, air is drawn in through openings under the breather cap. First, air passes through a fine, 2 micron solid particle filter. The air then passes through a diffuser to ensure maximum effectiveness within the silica gel chamber.

Next, water vapor is removed as the air travels through a bed of silica gel - the highest capacity adsorbent available. After being dried, the air passes through a second 2 micron solid particle filter and enters the reservoir **CLEAN AND DRY!**

Air Sentry® Breathers use a three-stage filtration design to ensure optimum protection by removing water vapor and solid contaminants before they enter the fluid system.

Air Sentry® products are manufactured under an ISO 9001 Certified Quality System.



Contaminant	Problem	Solution
Water Vapor	Rust & Oxidation Additive Depletion Freezing Increased Conductivity Fluid Degradation	Silica Gel
Solid Particles	Component Wear Sticking Orifice Blockage	2 Micron Filter
Acids, Salts, etc.	Chemical Reaction Microbial Growth Overheating Corrosion	2 Micron Filter



GUARDS AGAINST MULTIPLE CONTAMINANTS

- Protects Expensive Equipment
- Increases Operation Efficiency
- Reduces Maintenance Costs