

Guarding Against Contamination

Prevent contaminants from entering your machinery with Watchdog Desiccant Breathers from Trico. Our desiccant breathers ensure optimum protection of industrial equipment by preventing the entry of moisture and particulate contamination. The breathers are designed to replace the breather cap or air filter on: Gearboxes Transformers Hydraulic fluid reservoirs Bulk storage tanks Oil drums Other fluid reservoirs Contaminants enter industrial equipment as pressure or fluid level changes occur. The Watchdog Desiccant Breathers adsorb water and filter particulate contaminants from the atmosphere before they enter your equipment. Watchdog Desiccant Breathers are a powerful preventive maintenance tool that can maximize machine and lubricant life while minimizing maintenance costs.

Benefits:

- Moisture Control: They absorb moisture, preventing corrosion inside the equipment.
- Contamination Reduction: These breathers filter out airborne particulates, keeping internal systems clean.
- Extended Oil Life: By preventing contamination, they prolong the service life of oil.
- Improved Equipment Reliability: Reduced contamination leads to less downtime and maintenance issues.
- Cost Savings: Longer life for oil and components means lower repair and maintenance costs.
- Environmental Benefits: They contribute to less waste and reduced oil disposal needs.
- Enhanced Safety: Proper equipment condition ensures safer operating environments.
- Easy Maintenance: Simple inspection and quick desiccant replacement.

Watchdog Desiccant Breathers

Watchdog Desiccant Breathers satisfy the requirements for most applications such as hydraulic reservoirs, lubricant and fuel storage tanks, transformers, pumps, and gearboxes. They are available in a variety of sizes. Equipment with air intakes for optimal airflow that is essential for the efficient functioning of equipment.



Watchdog Extreme Humidity Desiccant Breathers

Watchdog Ex Desiccant Breathers are perfect for humid environments including paper mills, mines, and wash down areas. Equipped with check valves to provide protection in wash down or high humidity areas.



Features:

Visual Indication:	When maximum adsorption is reached, the silica gel changes color, indicating replacement Is needed.
Center Tube:	The center tube is made from durable nylon material, which gives the element rigidity and ensures uniform airflow through the silica gel.
Durable Construction:	Manufactured from rugged ABS plastic
Dual Filtration System:	A dual layer of filtration media effectively prevents the migration of silica gel dust while capturing oil mist.

Specifications:

Particulate Filtration Level	3-micron absolute
Operating Temperature Range	-20 to 200°F (-28 to 93°C)
Silica Gel Adsorption	Up to 40% of its weight in water
Material	ABS, Nylon, Buna, and Polyproplene

Orange Silica Gel	Blue Silica Gel	Dimensions In millimeter mm	Air Flow liters per second l/s	Fluid Volume Exchange	Connection MNPT BSPT BSPP	Water Capacity In milliliters ml	Check Valves
WG-040207-S	WB-040207-S	105H X 65D	3,15		3/8” Male	28	NO
WG-050207-S	WB-050207-S	142H X 65D	3,15		3/8” Male	60	NO
WG-060418-S	WB-060418-S	156H X 105D	8,1		1” Male	143	NO
WG-080418-S	WB-080418-S	211H X 105D	8,1		1” Male	264	NO
WG-100418-S	WB-100418-S	264H X 105D	8,1		1” Male	424	NO
WG-040205-Ex	WB-040205-Ex	105H X 65D	2,25		3/8” Male	28	YES
WG-050205-Ex	WB-050205-Ex	142H X 65D	2,25		3/8” Male	60	YES
WG-060410-Ex	WB-060410-Ex	156H X 105D	4,5		1” Male	143	YES
WG-080410-Ex	WB-080410-Ex	211H X 105D	4,5		1” Male	264	YES
WG-100410-Ex	WB-100410-Ex	264H X 105D	4,5		1” Male	424	YES