



WATCHDOG[®] EX SERIES DESICCANT BREATHERS



The Watchdog EX Series Breather is ideal for extreme humidity and high-dust environments.

Equipment Protection for Extreme Environments

The Watchdog EX Desiccant Breather from Trico protects your equipment from the harmful effects of humidity and dust.

In certain extreme operating environments such as paper mills or steam cleaning rooms, the humidity level far exceeds normal industrial environments. And, small temperature variations draw in the humid air and unnecessarily reduce the life of the breather. In these situations, lubricants and other fluids stored in tanks and reservoirs need the protection of a desiccant breather.

The Watchdog EX Series incorporates two check valves to control airflow into and out of the protected reservoir. This protects the integrity of the tank and prolongs the life of the desiccant by allowing the air to flow through the breather only when needed.

Unlike a membrane system, which does not allow internally generated gases and contaminants to exit the system, the Watchdog EX Series offers all of the advantages of breathing air in and out of the tank while removing water vapor and solid particles before they contaminate the fluid.

Choose the Watchdog EX Series to guard your equipment from the harmful effects of in-plant elements.

Benefits:

- Increase oil and filter life
- Improve lubricant performance
- Prolong desiccant life with controlled airflow
- Protect tank integrity
- Remove contaminants before they affect fluid





Features:

- Water Vapor Adsorbent - longer lasting desiccant formulated specifically for maximum efficiency at humidity levels of 80% and higher
- Color Indicating - When maximum adsorption is reached the silica gel turns from gold to dark green, indicating a replacement is needed. The silica gel used is chemically inert, non-corrosive, and does not contain cobalt chloride, a heavy metal, making the unit environmentally safe and meeting all health and safety requirements.
- Durable Construction - Manufactured from rugged ABS plastic and impact modified acrylic
- Easy Connection - Models are available with 1" slip fit connection which mates with the standard Watchdog Breather adapters or with a 2" male NPT connection
- Reusable Top Cap – Allows the economic replacement of the desiccant cartridge

Specifications:

Nominal Air Flow Rate	35 CFM (250 gpm of fluid volume change)
Operating Temperature Range	-20°F to 200°F (-28°C to 93°C)
Material	ABS plastic and impact-modified acrylic
Particulate Filtration Level	2 Micron Filter
Check Valve Capacity	.3 psi in/2.1 psi out

Applications:

- Paper mills
- Washdown areas
- Steam cleaning rooms
- Mines
- Quarries

