



Desiccant Breather Selection Guide

Air Sentry's established desiccant breather series reduces particulate and moisture contamination in your fluids and equipment. The range runs from compact disposable units through to the modular GUARDIAN, so protection can be matched to the operating environment.

Choose the right breather

Low-cost disposable

fully modular



Z

Z-134

095Z134



D

D-103

095D103



X

X-100

095X100



XR

XR-102

095XR102



GUARDIAN

Multiple configurations
See page 2

Best suited to	Compact spaces, gearboxes and lower-cost protection	Stationary tanks, transformers, pumps and gearboxes	High humidity and dust: paper mills, quarries and timber processing	Extreme duty with shock, vibration and high-humidity applications	Washdown, severe-duty applications and diesel storage
Disposable, one-piece	●	●			
2 micron particle filter	●	●	●	●	●
Check valve			● Top	● Top	● Top + bottom
Replaceable cartridge			095L143	095A352	●
Metal base for shock				●	●
Wash-down cap					● Optional
0.3 micron HEPA filter					● Optional
Modular, stackable					● Optional



Authorised distributor
of Air Sentry & OilSafe

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Contact your local representative or
email orders@ils.co.nz to learn more

Engineered for demanding environments

GUARDIAN's casing is constructed from Tritan®, a patented material offering high resistance to impact and chemicals across a broad range of operating temperatures. Its modular construction and optional add-ons let you customise each model to your specific application requirements.



HIGH-CAPACITY AIR FILTER – GHCAF

Can be used with a desiccant cartridge or as a standalone particle filter. The High-Capacity Air Filter's 0.3-micron HEPA filter is 99.97% efficient. Ideal for extremely dirty/dusty environments.



MODULAR STACKABLE RING – GMSR

By using the Modular Stackable Ring, you are able to attach GUARDIAN breather cartridges to extend the service life. This stackable ring also allows for the addition of the High-Capacity Air Filter and Activated Carbon Filter.



COMPOUND INDICATING GAUGE*

This proprietary Compound Indicating Gauge is an accurate indicator of filter conditions.

*See Guardian models ending in NC, NG, NGC.



USABLE TEMPERATURE RANGE

-20° F (-29° C) to 200° F (93° C)



SHIELD WASH-DOWN CAP – GSWDC

The cap provides a barrier in environments where equipment wash down happens frequently and in dusty environments. This prevents any direct spray from opening check valves in the top cap. The Shield Wash-Down Cap is designed for use in food processing, mining, cement, pulp and paper facilities and outdoors.



ISOLATION CHECK VALVE*

The Isolation Check Valve isolates the adsorbent from exhaust air to lengthen the service life of the desiccant while also protecting it from volatile fumes and splashing fluids.

See GUARDIAN models ending in NC, NG and NGC. Not available on models ending in N. Recommended for use on storage tanks, fluid reservoirs and gearboxes where fumes and splashing fluids occur.

Includes 2-micron filters at the top and bottom.



GUARDIAN's modular construction and optional add-ons let you tailor each model to your application. Features such as the isolation check valve, stackable design, wash-down cap, compound indicating gauge and high-capacity HEPA filter help extend service life, reduce downtime and protect critical industrial assets

Suitable for gearboxes, hydraulic systems and storage tanks for lubricants and diesel fuels.*

ISO 9001 / 14001

Made in the USA

-29 to 93 °C

Usable temperature range

Tritan® casing

Impact and chemical resistant

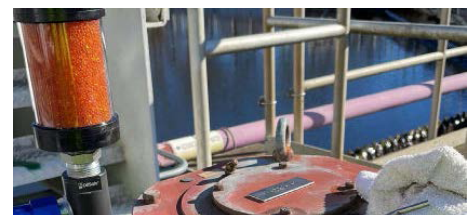
Fit a breather to any drum, reservoir or gearbox



Drum adapter kit



Hydraulic reservoir adapter kit



Gearbox adapter kit

Colour-coded quick connects allow oil transfer or offline filtration without exposing equipment to the atmosphere.