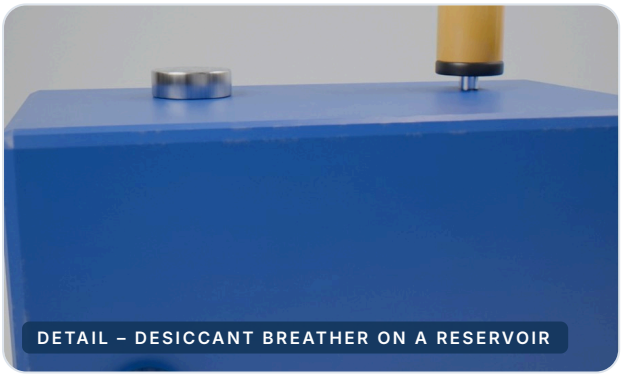
PRODUCT DATASHEET

Desiccant Breathers and Quick-Connect Adapters

Keep water and dust out of reservoirs





DETAIL – DESICCANT BREATHER ON A RESERVOIR

OVERVIEW

The Tech Inc. Desiccant Breathers and Quick-Connect Adapters seal reservoirs, gearboxes and drums against moisture and dust. The breather filters and dries the air drawn in as levels change, and colour-coded quick-connects let technicians top up or connect a filtration cart without opening the machine.

MODELS AND CONFIGURATIONS

- **Standard breather** – desiccant and 3 micron particle filtration.
- **High-humidity breather** – check valves extend desiccant life.
- **Quick-connects** – colour-coded, one colour per lubricant.
- **Adapter kits** – fit breathers to existing fill caps.

TYPICAL DESIGN DATA

Particle filtration	About 3 micron
Desiccant	Silica gel with colour change when spent
Connection	1 in or 3/4 in NPT, with adapters
Quick-connects	Colour-coded collars and dust caps

APPLICATIONS

Hydraulic reservoirs, gearboxes, turbines, transformers, oil drums and bulk tanks.

KEY ADVANTAGES

- **Drier oil** – moisture stopped before it reaches the oil
- **Cleaner oil** – dust filtered at the vent
- **Closed top-up** – no open fill caps
- **Easy checks** – colour change shows when to replace

Designed and built by Tech Inc. · **Part of the Davey Group since 1990**

Offices: Chennai · Toronto · Tallinn · Al Khobar

mail@techincresearch.com · +1 (289) 622-1032 · www.techincresearch.com

Disclaimer: All products, designs and content are the property of Tech Inc. Tech Inc. reserves the right to change specifications and details without notice. Images are for representation only; the supplied equipment may differ in appearance. Data are typical; final design to client specification.