



Donaldson®
Filtration Solutions

WATER MEANS TROUBLE



T.R.A.P.™ STOPS TROUBLE BEFORE IT GETS IN.



T.R.A.P.™ Breathers arrest moisture and free your budget.

WATER MEANS TROUBLE

And it has a way of sneaking into your hydraulic circuits. Unless you have a Donaldson T.R.A.P.™ Breather standing guard over your system.

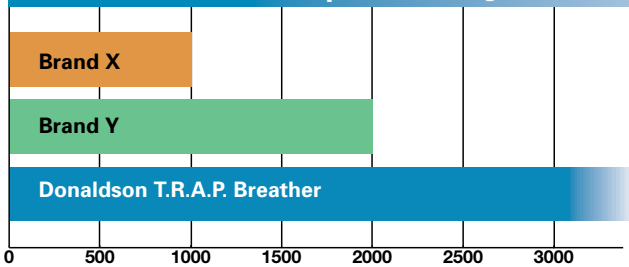
NO moisture slips by Donaldson's Thermally Reactive Advanced Protection (T.R.A.P.). In fact, it removes moisture at relative humidity levels as low as 15%! T.R.A.P. filtration technology reacts instantly to thermal conditions, blocking moisture completely.

T.R.A.P. Breathers from Donaldson are the **ONLY** breathers on the market that literally strip moisture vapor from intake air and exhale the moisture back to the atmosphere on the outflow cycle. The filter continuously regenerates its water holding capacity!

T.R.A.P. Breathers last longer. So will your budget.

As illustrated to the right, T.R.A.P. Breathers actually exhale the moisture back out, which means you won't need to change the breather due to water saturation ... unlike desiccant filters that require frequent change-out. **Like the name suggests, it TRAPS water before it gets in, yet doesn't restrict air flow, and lets your hydraulic reservoir BREATHE.**

T.R.A.P. Breathers last up to 50% longer!



The patented T.R.A.P. filtering material regenerates its water-holding capacity, leading to a much longer service life. In competitive testing, T.R.A.P. Breathers performed beyond 3,000 cycles, while silica gel breathers lost efficiency at less than 2,000 cycles.



"The T.R.A.P. Breathers last longer. They're more durable."

— Florida

Compare

T.R.A.P. Technology

Service life	Extended Life (exhales moisture and refreshes its holding capacity on each cycle).
Effectiveness	Reacts instantly to conditions in the hydraulic circuit, creating a moisture barrier without impeding airflow.
Maintenance costs	Reduced man-hours.
Technology	Thermally reactive barrier that removes moisture at relative humidity levels as low as 15%.
Filtration	Superior moisture blocking and particulate filtration down to 3 microns at 97%.
Other Advantages	Will not freeze in winter.

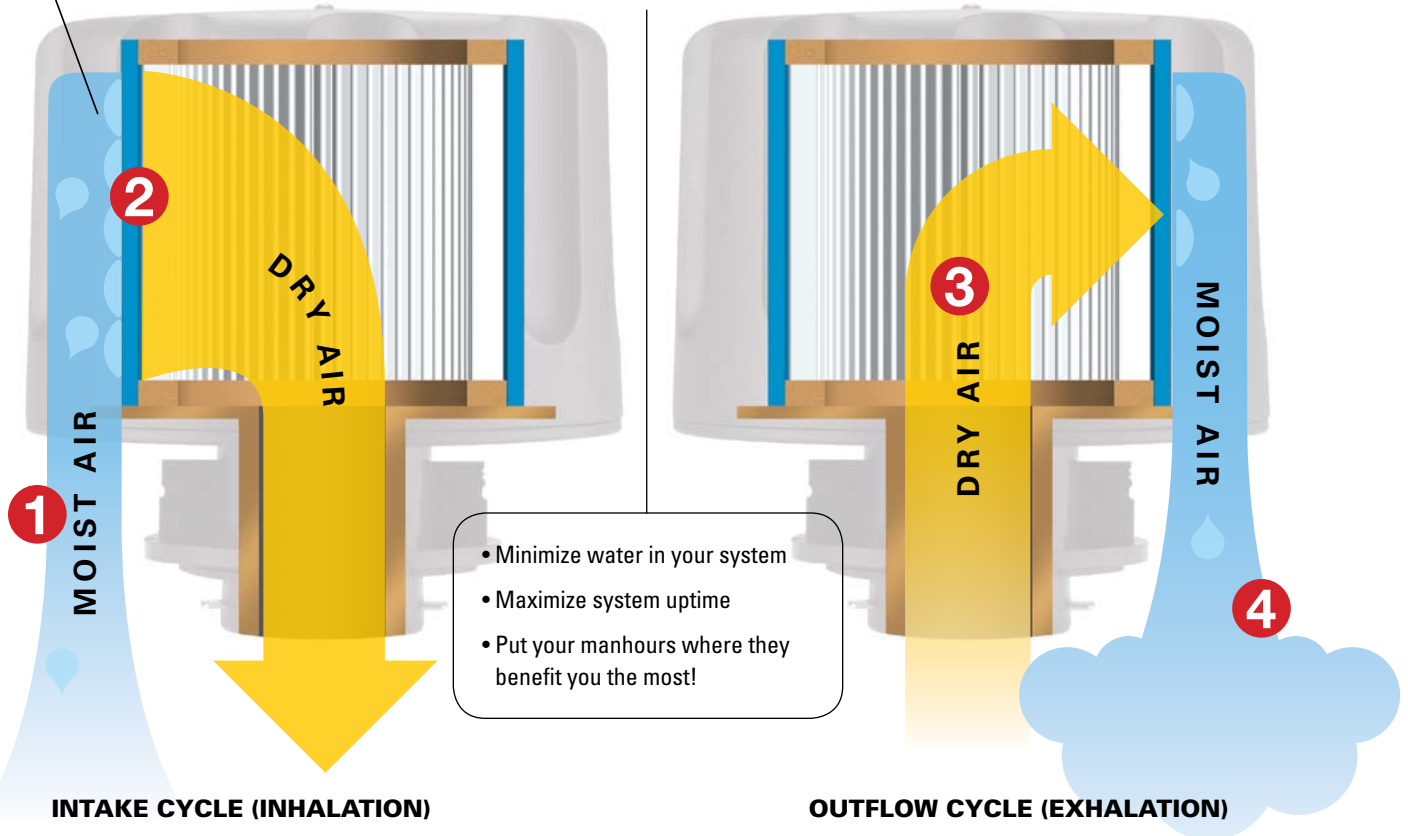
Desiccant Filters

Service life	Shorter life (due to saturation of filtering material), leading to frequent replacement.
Effectiveness	Requires extended exposure to the air stream before absorption begins. Restricts airflow and increases pressure.
Maintenance costs	Increased man-hours.
Technology	Absorbent filtering material that loses holding capacity with each cycle.
Filtration	Less effective moisture blocking and particulate filtration.
Other Advantages	Subject to freezing in winter conditions.

Compare T.R.A.P. Breathers and you'll be impressed. Try T.R.A.P. Breathers and you'll be convinced!

HOW IT WORKS

TRAPPED MOISTURE



INTAKE CYCLE (INHALATION)

- 1 The circuit “breathes in” air containing moisture vapor.
- 2 The T.R.A.P. Breather strips moisture from the incoming air, allowing only dry air to enter the circuit.

OUTFLOW CYCLE (EXHALATION)

- 3 During the “exhalation” cycle, The T.R.A.P. Breather allows unrestricted airflow outward.
- 4 The outflow of dry air picks up the moisture collected by the T.R.A.P. Breather during intake, and “blows it back out” – fully regenerating the T.R.A.P. Breather’s water-holding capacity.

“The T.R.A.P. Breathers have a longer service life. Desiccant filters seem to plug up quickly.”

– Illinois

T.R.A.P. Breather... Moisture meets its match.

It's time to stop trouble from getting into your system!

All it takes to find our distributor is one simple phone call to Donaldson ... or, find your distributor by visiting our website.

1-866-453-1722

“We test our oil every month. With the old desiccant filters, we always had free-standing water in the sample. With the T.R.A.P. Breathers, it's nothing but pure oil.”

– Nebraska



Donaldson[®]
Filtration Solutions

For more filtration solutions, visit our website:

www.donaldson.com/en/ih/accessories/trap.html

Donaldson®

Breather
Respiradero
Filtre à air

P564669

IF FLASHING CHANGE FILTER

Si relampaguea cambie el filtro
Changer le filtre si cela clignote



T.R.A.P.™ THERMALLY REACTIVE
ADVANCED PROTECTION



Made in Canada
Hecho en Canada
Fabriqué au Canada

U.S. Patent 5,575,832

Donaldson T.R.A.P. Breathers

Part Number	Construction	Connection	Airflow	Indicator
P566151	Glass-filled ABS	1" NPT	45 CFM Max.	Optional Mechanical
P566156	Glass-filled ABS	Bayonet	45 CFM Max.	No
P564669	Glass-filled ABS	1" NPT	45 CFM Max.	Electronic
P565616	Glass-filled ABS	Bayonet	45 CFM Max.	Electronic
P565857	Epoxy Coated Steel	3/4" NPT	25 CFM Max.	No
P565858	Epoxy Coated Steel	Bayonet	25 CFM Max.	No
P566037	Epoxy Coated Steel	3/4" BSP	25 CFM Max.	No



T.R.A.P. Breather...
**Moisture meets
its match.**

For more filtration solutions, call:

1-866-453-1722

or visit our website:

www.donaldson.com/en/ih/accessories/trap.html