

Terminally Reactive Advanced Protection **Performance Vent Pipe Filtering System**

T.R.A.P. breathers strip moisture vapor from intake air and release the moisture back to the atmosphere on the outflow cycle. The filter continuously regenerates its water holding capacity. T.R.A.P. breathers expel the moisture back out, eliminating the need to change the breather due to water saturation, unlike desiccant filters that require frequent change-out. T.R.A.P. breathers not only protect against moisture but also provide advanced particulate filtration.



Service Life

- Extends life (expels moisture and refreshes its holding capacity on each cycle).
- Simple to install and easy to maintain with 4 months replacement intervals, depending on application.

Effectiveness

- Reacts instantly to conditions in the storage tank, creating a moisture barrier without impeding air flow.

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% efficiency with up to 7x the media area.
- Good for dusty environments and construction site with skid tanks as well.

Advantages

- It will not freeze in winter conditions.
- While keeping moisture from entering the tank you decrease the chance of bacterial contamination. A common house keeping issues companies have with bulk storage.



www.yourfuelsolution.com



HOW IT WORKS



1. The vent pipe “breathes in” air containing moisture vapor.
2. The **T.R.A.P.** breather strips moisture and particulate from the incoming air, allowing only clean, dry air to enter the storage tanks.
3. During the “exhalation” cycle, the **T.R.A.P.** breather allows unrestricted airflow outwards.
4. The outflow of the 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.



Water in fuel can cause premature component failure or short component life, increasing operating costs and downtime. It can also provide a catalyst for micro organisms and/or provide a place for micro organisms to develop.

T.R.A.P Specifications

Filter Element

Diameter:	6.50 Inches
Length:	8.66 Inches
Thread Size:	1 1/4" BSP
Efficiency:	3 Micron at > 97.00 %

Installing adaptor kit

Base Connection	1 1/2" NPT
Max Flow	500 GPM

