



Clean Fuel & Lubricant Solutions

# T.R.A.P.™ Breather

## X920006

The Thermally Reactive Advanced Protection (T.R.A.P.) Breather assembly protects the contents of your storage tank from airborne moisture and particulate contamination.

It combines a high capacity 3 micron air filter with a deliquescent breather that dries itself when air is expelled from the tank. This self-regenerating capability of T.R.A.P. enables extended life.

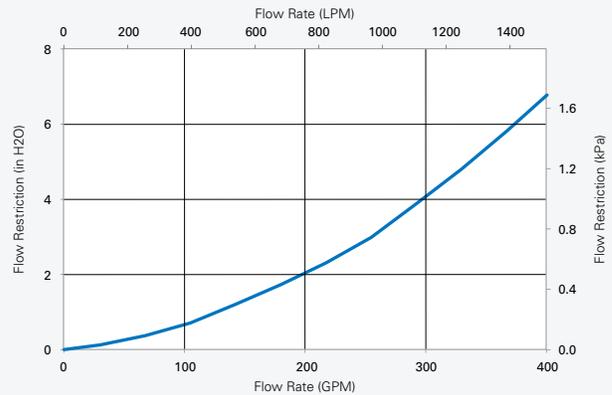
Keep your fluids clean and dry with a Donaldson Clean T.R.A.P. Breather.



## SPECIFICATIONS

<b>Efficiency</b>	97% efficient at 3 microns
<b>Max. Flow Range</b>	Combined inlet and outlet flow up to 400 gpm / 1500 lpm
<b>Overflow Check Valve</b>	Opens at 10 mbar / 4 inches H <sub>2</sub> O
<b>Operating Temperature</b>	-40 to 200 °F / -40 to 93 °C
<b>Fluid Compatibility</b>	Safe for use with all diesel fuels and lubricants
<b>Height</b>	16 in. / 410 mm
<b>Construction</b>	ABS housing, urethane end caps, stainless steel adapter and brass relief valve
<b>Connection</b>	1 1/2 " NPT female
<b>Replacement Filter</b>	P923075 spin-on
<b>Service Indicator</b>	X220074 restriction gauge kit

T.R.A.P. Breather



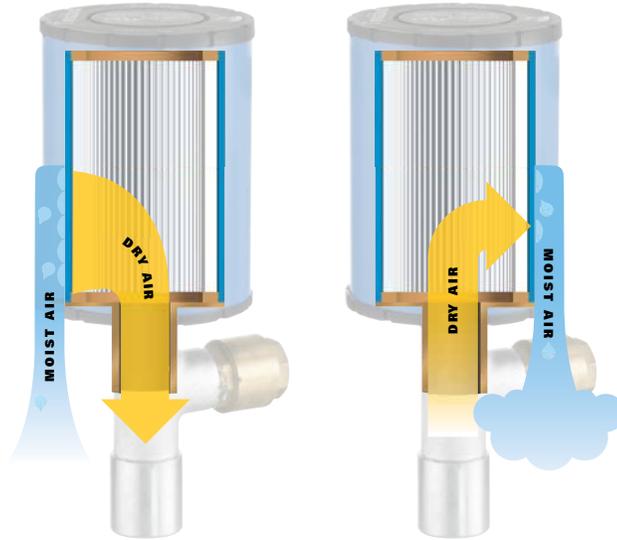
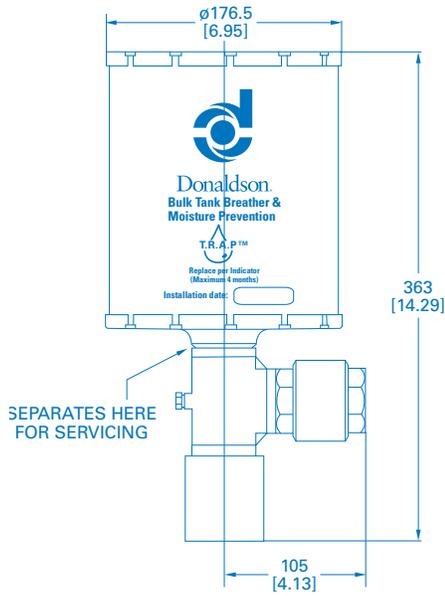
## FEATURES

- High efficiency air filtration
- Longer life and lower airflow restriction than typical silica gel breathers
- Self-regenerating moisture adsorption
- Easy to service
- For indoor or outdoor use, even in cold temperatures

## APPLICATIONS

- For use with all diesel fuels and lubricants
- Above and below ground tanks
- Mobile service trucks
- Indoor or outdoor applications
- Most tanks up to 10,000 gal. / 40,000 liters (large tanks may require multiple units)

## DIMENSIONS



### **WARNING**

Always locate your tank's name plate and cross check against the flow chart to ensure safety. Use maximum flow INTO tank for validating pressure rating and flow OUT OF tank for vacuum ratings. **DO NOT EXCEED TANK PRESSURE OR VACUUM RATINGS.**

## INSTALLATION

T.R.A.P. Breathers may only be installed on tanks with emergency vents and should be sized so the clean pressure drop is less than half the tank's working pressure. Use API 2000 to calculate the required flow rates. Contact Donaldson for sizing assistance.

- Installs on any standard 1½" NPT male connection
- Use fittings to adapt up or down in size
- Recommended for tanks up to 10,000 gal. / 40,000 l.; larger tanks may require multiple units
- Tanks with 4" / 100mm or larger elbow shaped breather pipes frequently have extremely low vacuum ratings and are unsuitable for breather filters
- NEVER exceed the tank's pressure or vacuum limitations



## REPLACEMENT PARTS & MAINTENANCE SCHEDULE

- Service every four months on a preventive maintenance schedule
- Use spin-on replacement filter element P923075



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