



T.R.A.P

BREATHER 3/4" BSP MALE

Item code: P566037

T.R.A.P. (Thermally Reactive Advanced Protection) breathers provide fast-acting protection against airborne moisture and particulate contamination. T.R.A.P. technology strips moisture vapor from intake air and expels the moisture back to the atmosphere. Moisture is prevented from entering and is actually "pumped" out with each flow cycle. The media regenerates its water-holding capacity, which leads to longer service life – 3 to 4 times the life of conventional desiccant breathers.

Designed for both mobile and stationary reservoir breather applications.

BENEFITS:

- Provide fast-acting protection for hydraulic reservoirs against airborne moisture and particulate contamination.
- Moisture is prevented from entering and is actually "pumped" out with each flow cycle.
- Electronic Indicator actuated by pressure differential, flashes red to indicate changeout is needed.
- Mechanical indicator kits: highly visible, bright red band shows when restriction limit is reached.
- Oil splash and mist containment keeps oil inside reservoir.
- Easy to install, simply hand tighten.
- Lightweight.
- Rugged, durable design.
- Robust housing protects media.
- Withstands high vibration, suitable for stationary and mobile applications.

FEATURES:

- Filter out solid particulate down to 3 microns at 97% efficiency.
- Prevent moisture from entering the reservoir.
- Water-holding capacity is regenerated with every oil return phase for long service life.
- Moisture removal: reversible adsorption.
- Strips moisture vapor from intake air and expel the moisture back to the atmosphere.
- Electronic Indicator:
 - Actuated by pressure differential, flashes red to indicate changeout is needed.
 - Indicator setting .07 bar / 1 psid.
 - Indicator power source: 3V lithium battery CR2032.
- Operating Temperature: -40° C to 93° C / 40° F to 200° F
- Intermittent operation to: 121° C / 250° F
- Mechanical Indicator Kits:
 - Install kit between reservoir and T.R.A.P. breather.
 - Lock-up style indicator with manual reset.
 - Highly visible, bright red band shows when restriction limit is reached.
 - Indicator setting, .05 bar / 20 inH2O.
- Connection Sizes:
 - 1 in. and 3/4 in. NPT, 3/4 in. BSP Bayonet
 - 1/4 in. and 3/8 in. NPT, 9/16 in.-18UN
- Flow Rates:
 - 1,274 lpm / 45 cfm
 - 708 lpm / 25 cfm
 - 85 lpm / 3 cfm
- Outer Diameter: 3.18 Inches (80.8 mm)
- Thread Size: 3/4 BSP/G
- Height: 2.85 Inches (72.4 MM)