

# Air-Lock



## Product description

The Luneta Air-Lock is a simple yet highly effective solution for protecting oil storage drums against contamination ingress. During storage, temperature fluctuations frequently cause pressure changes within the drum headspace, allowing ambient air laden with dust, moisture and other contaminants to be drawn inside. These contaminants can degrade additive packages, accelerate oxidation and increase filtration costs.

The Air-Lock prevents this by maintaining a positive internal pressure within the drum. Its patented design uses a pressure relief system that allows the drum to hold a small, controlled amount of clean air, creating a protective barrier against external contamination. A bright yellow fluorescent indicator makes it easy to confirm when a proper seal has been achieved and that the drum remains positively pressurised.

Constructed from durable Tritan™ with corrosion-resistant internal components, the Air-Lock is built for long-term, reliable use in both indoor and outdoor environments. Installation is straightforward, and its clear sight glass ensures quick visual verification during routine walk-round inspections. Whether you manage a bulk oil store or rely on multiple drums in daily maintenance operations, the Air-Lock helps preserve lubricant quality and extend storage life with minimal effort.

## Key features

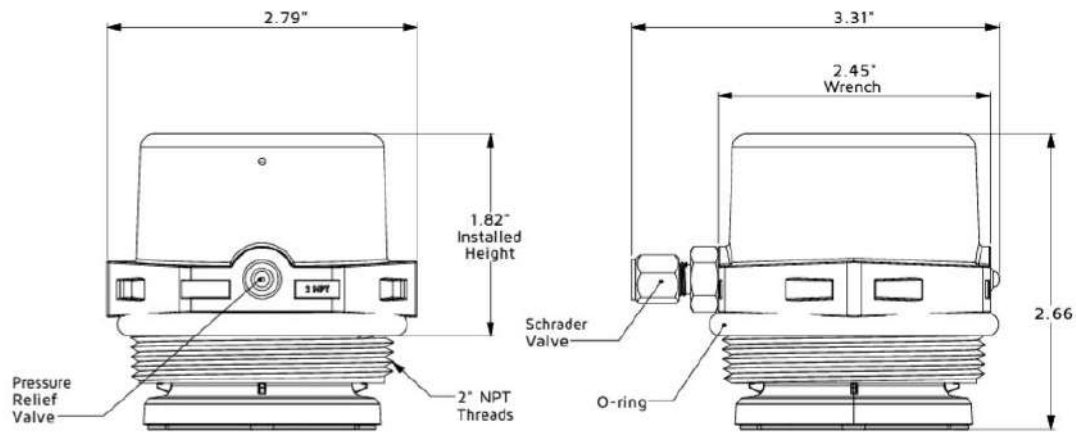
- Maintains positive drum pressure to prevent contamination ingress
- Bright yellow indicator shows when the drum is properly sealed
- Protects against moisture, dust and particulate intrusion caused by pressure changes
- Clear Tritan™ sight glass for quick visual checks

- Integrated pressure relief valve for safe, controlled operation
- Suitable for indoor and outdoor use with UV-stabilised construction
- Compatible with most mineral and synthetic oils
- Simple installation on standard 2" NPT drum openings
- Durable construction for dependable, long-term performance
- UV-stabilised and compatible with a wide range of mineral and synthetic oils

## Specifications

- Application: Oil storage drums
- Shipping weight: 6 oz
- Recommended temperature: -40°C to 93°C
- Recommended pressure: 2.5 psi / 0.17 bar
- Compatibility:
  - Outdoor: UV stabilisers protect against long-term sun exposure
  - Chemical: Suitable for oils compatible with fluorocarbon elastomers (Viton™) and PMMA plastics
- Materials:
  - Sight glass: Tritan™
  - Internal assembly: PA6 nylon
  - O-ring: Viton™
  - Diaphragm: Viton™
  - Springs: 302 stainless steel
  - Screws: 302 stainless steel
  - Schrader valve: Brass
  - Valve cap: Aluminium
- Thread size: 2" NPT

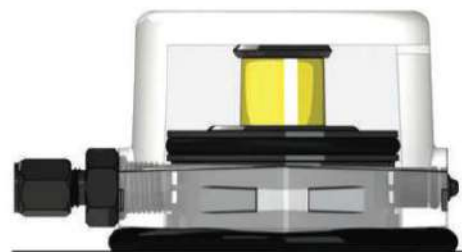
Threads	Part Nr.
2 NPT	LA-AIRLOCK01



**Not Sealed**



**Sealed**



## Benefits

- Preserves lubricant quality during storage by preventing airborne contamination
- Reduces the risk of oxidation, additive degradation and increased filtration demand
- Provides a clear, visual indication of proper sealing and system pressure
- Minimises handling effort with a compact, maintenance-free design
- Helps extend oil shelf life and maintain cleanliness before the oil is transferred into equipment



**Multiple Air-Locks**

**Air-Lock Indicating good seal**

**Activating Air-Lock with compressed compressed air**

If you're looking for a reliable and low-effort way to protect stored lubricants from environmental contamination, the Luneta Air-Lock offers a simple and highly effective solution.