

# TECHNICAL INFORMATION



**PURest Air Dryer provides superior performance and longer service life.**

The Haldex PURest is designed to enhance efficiency and extend service life of your air brake system. The highly efficient Multi-Treatment Cartridge removes up to 99% of the contaminants in the compressed air system. The PURest utilizes integrated purge volume, which eliminates the need for a separate purge tank. In addition, the PURest extends the life of the desiccant and allows for better recovery from high-duty cycles.

One of the most unique features of the PURest is its universal mounting bracket, enabling easy installation or retrofit when replacing the Pure Air Plus, in addition to most competitive AD and SS Series Dryers.

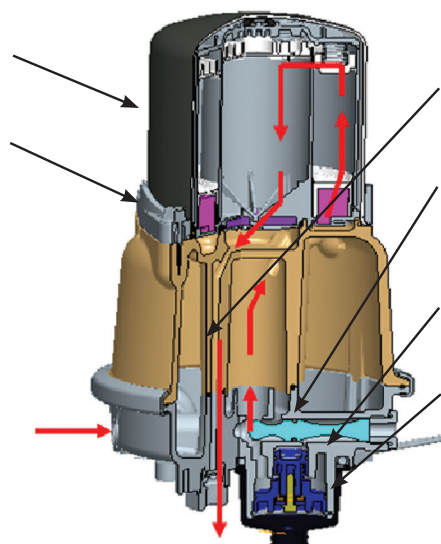
## Haldex PURest Air Dryer

**Multi-treatment cartridge** employs five stage cleaning to ensure dry system air.

**Easy cartridge maintenance** with slide in-and-out cartridge and 4-bolt mounting bracket.

**Integrated 3-bolt SAE universal mounting bracket** allows for easy installation in OEM and existing applications. Provides quick retrofit of: Pure Air, Pure Air Plus, DRYest, AD Type and SS Type Air Dryers.

Note: For severe service applications, use the CONSEP as a pre-treatment device to ensure the highest quality air possible and extend desiccant life.



Red arrows indicate direction of air flow.

**Large integrated purge volume** eliminates the need for an external purge tank.

**Integrated turbo protection** reduces engine horsepower loss and improves fuel efficiency.

**Built-in heater** prevents moisture from freezing and damaging the air dryer.

**Purge exhaust cover** protects the heating element and directs the purge exhaust away from the air dryer.



Innovative Vehicle Solutions



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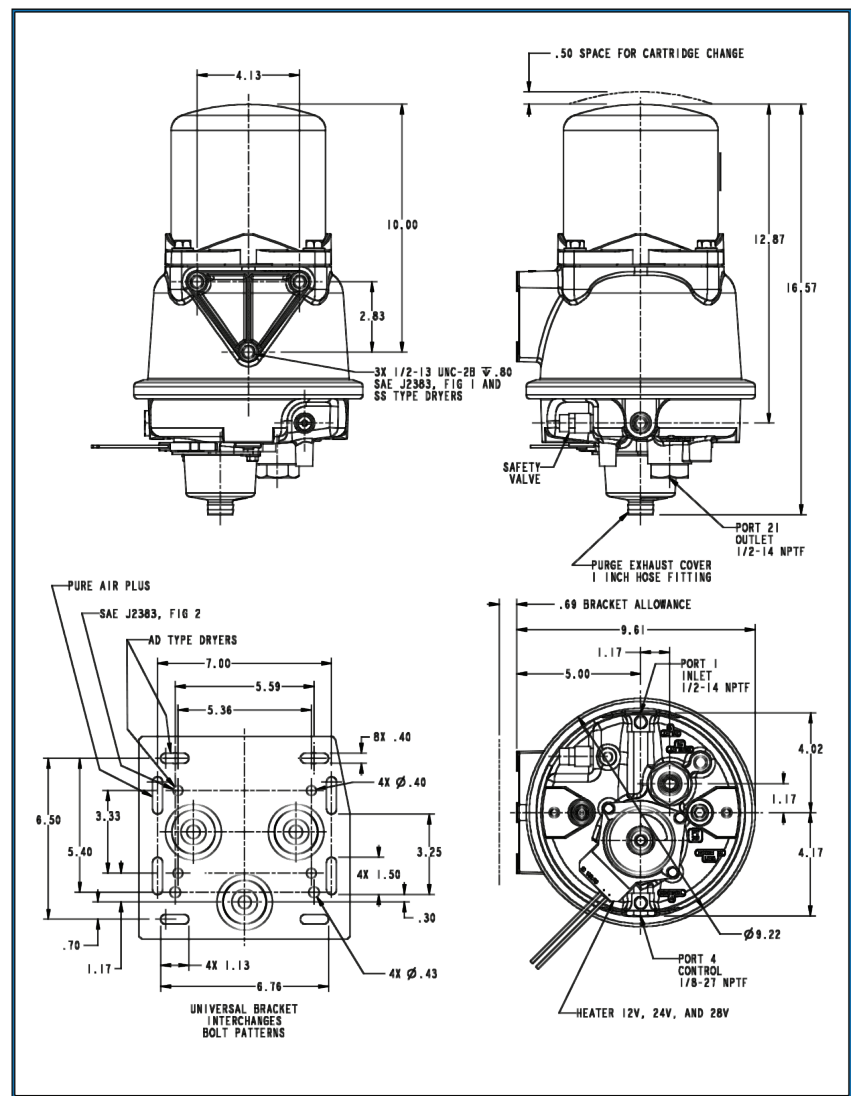
### Product Specifications

- › Stages of drying:  
five
- › Internal purge volume:  
210 in<sup>3</sup>
- › Inlet air temperature:  
-40°F to 175°F
- › Maximum working pressure:  
150 psi
- › Safety relief pressure:  
175 psi
- › Secondary pressure protection:  
235 psi
- › Heater:  
12V or 24V, 95W
- › Flow capacity:  
34 SCFM
- › Desiccant cartridge weight:  
3.5 lbs.
- › Assembly weight:  
22.0 lbs.
- › Integrated turbo protection  
pressure drop:  
2 psi @ 15 SCFM/120 psi

### Available Options

- › Heater - 12V or 24V
- › Bare, Metri-Pack or  
Weatherpack electrical  
connection
- › Universal bracket
- › SAE or metric port threads
- › SAE 3-bolt mount 180° from  
stud
- › External purge tank for severe  
service applications

## Design and Function



### Installation Guidelines (SAE J2383)

Locate with sufficient space to facilitate service and visual access.

Mount away from direct tire splash.

Mount brackets, fitting and line in a protected area.

Mount with exhaust port downward.

Mount in area to avoid excessive heat.

Rigid mount to avoid excess vibration.

Line from compressor to PURest should have continuous downward slope and no dips.

Inlet hose should be a minimum 12' to maintain proper inlet temperature.

Avoid 90° fittings.

Do not exceed 15° inclination.



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For additional contact information  
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