

# FLEET SHEET

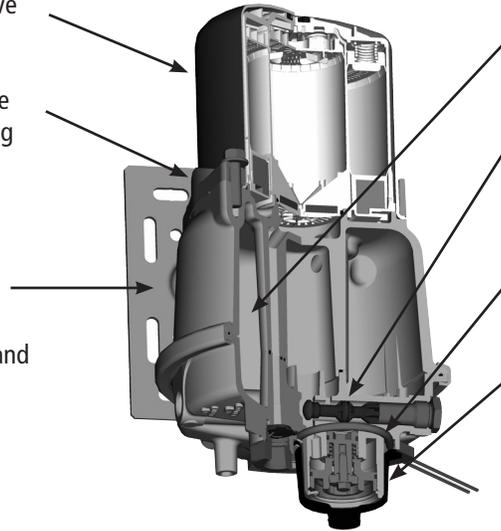
**Haldex**

## 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.



**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.

### Application Information

1. Determine compressor make, if a Cummins Holset E-Con Style, must use DA34200.
2. Ensure there is adequate space where the dryer is to be mounted for service.
3. Allow minimum of twelve feet of discharge line between compressor and air dryer.

### Features – Benefits – Advantages

- ✓ **Five stage drying process** - Removes up to 99% of contaminants in the compressed air system and eliminates oil while maintaining high water absorption capability.
- ✓ **Exceptional water drying capacity doesn't impede airflow** - Reduces chances of corrosion and freezing problems.
- ✓ **Extended desiccant service life** - Fewer replacements and reduced maintenance over the life of the vehicle.
- ✓ **Four-bolt slide in-and-out cartridge** - Provides for quick replacement of the dryer cartridge while on the vehicle. No more hard to remove spin-on cartridges with seized threads.
- ✓ **Integrated turbo protection/Large integrated purge volume** - Reduces engine horsepower loss and improves fuel efficiency. Eliminates need for an external purge tank.
- ✓ **High air volume capacity/Ideal for vehicles with high air consumption** - Treats up to 30 SCFM. Ideal for applications such as mixers, transit, coaches, dumps and refuse.
- ✓ **Built-In heater** - Prevents moisture from freezing and damaging the air dryer, available in 12V and 24V.
- ✓ **Universal mounting bracket** - Allows for quick retrofit of Pur Air, Pure Air Plus, DRYest, AD Type and SS Type Air Dryers.

**Compact size/Lighter assembly weight** - Provides for easier installation into limited spaces. Weighing only 22 lbs. means it is the lightest integrated purge dryer on the market.

Special Notes: Cummins E-Con is identifiable by square cylinder casting.



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### Cross-Reference Information

The Haldex PURest is a drop-in retrofit for these Air Dryers:

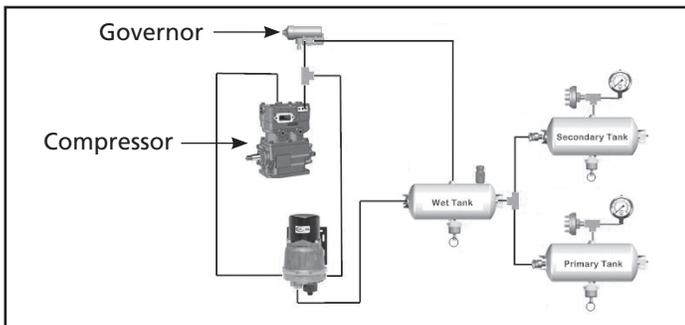
- Bendix® AD2, AD4, AD9, ADIP
- C/R Brakemaster

The Haldex PURest will retrofit these Air Dryers if the purge method is converted to integrated purge:

- Bendix® ADSP
- WABCO® SS Series

### Related Items Checklist

- Spare Purge Valve Kit
- Compressor Discharge Hose
- Nylon Air Brake Hose
- Spare MTC Cartridge
- In-line Air Filters for Trailers
- Gladhand Screens for Trailers
- Brass Fittings
- Air Governor
- Bolts and Nuts



### Installation Advisories

- If oil or sludge is evident, the reservoirs must be flushed. The dryer cannot remove oil that is already in the system.
- Hoses from compressor must be "downhill" with no low spots for water to accumulate and be at least twelve feet from the compressor.
- Consult Haldex Technical Services Department when changing purge methods.
- Discharge hose from compressor should be Teflon lined, braided stainless for the first four feet, then copper the rest of the way to dissipate heat.
- Mount unit in vertical position only.

### Competitor Overview

#### Bendix AD2, AD4 and C/R Brakemaster

- No turbo boost pressure loss protection
- Utilizes only one desiccant type for removal of water and contaminants
- Difficult to service, usually must remove from vehicle which can take up to 45 minutes

#### Bendix AD9

- Utilizes only one desiccant type for removal of water and contaminants
- Difficult to service, usually must remove from vehicle which can take up to 45 minutes
- Utilizes multiple mounting brackets and bolts
- Higher internal resistance to air flow
- 55% larger envelope, 27% heavier than PURest

#### Bendix ADIP

- Single bolt cartridge susceptible to seized threads
- Utilizes only one desiccant type for removal of water and contaminants
- Expensive desiccant service
- Heavier than the PURest
- Higher internal resistance to air flow

#### Bendix ADSP/WABCO SS System Purge

- Requires properly engineered system
- Uses air system secondary reservoir for purge volume or uses separate purge reservoir
- Utilizes only one desiccant type for removal of water and contaminants
- Spin-on filters are often difficult to remove due to seized threads
- Higher internal resistance to air flow

### Warranty

Standard Applications: 3 Year/Unlimited Miles from date of installation

Severe Duty Applications: 2 Year/7200 Hours from date of installation