

FLEET SHEET

Haldex

DRYest Air Dryer

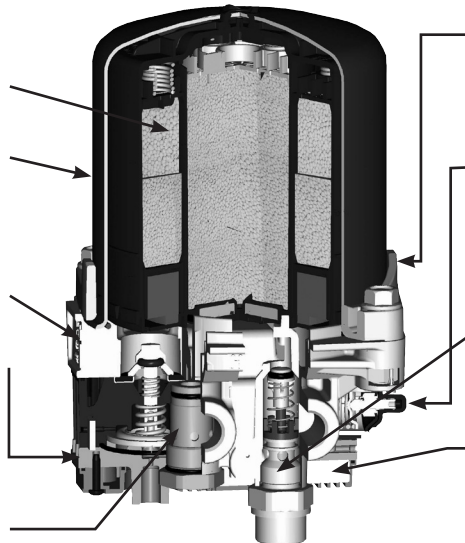
Multi-treatment cartridge employs five stage cleaning to ensure dry system air.

Extra compact size of less than 11" tall (even with integrated muffler) allows for easy installation anywhere.

Integrated heater prevents moisture from freezing and damaging the dryer.

Metri-pack heater connection allows for easy installation.

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



Integrated 3-bolt SAE mounting bracket allows for easy installation in OEM and existing applications.

Integrated governor improves air dryer's performance and reduces application costs by eliminating existing governor and related piping.

Integrated regeneration valve for system air desiccant regeneration ensures that sufficient system air is available.

Integrated muffler allows for superior quiet operation.

Special Notes: Purge air is used to "back flush" the dryer's desiccant thereby removing moisture and contaminants. Purge air is stored internally on some dryers such as the PURest, while most others use air stored in the vehicle's wet tank or in a separate purge tank.

Application Information

1. Determine governor type: internal or external (D2 Style).
2. Determine if purge air supply will be from vehicle air brake system (regeneration valve style - similar to Bendix® ADSP, WABCO® and C/R®) or from separate, remote mounted, purge tank.
3. Ideal for vehicles with normal or high air consumption rates. In high consumption applications use with external purge tank.

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/regeneration valve/muffler** - Reduces engine horsepower loss and improves fuel efficiency. Ensures sufficient system air is available. Allows for superior quiet operation.
- ✓ **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.
- ✓ **Compact size/Lighter assembly weight** - Provides for easier installation into limited spaces. Weighing only 14 lbs. means there's more payload capacity.

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Cross-Reference Information

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

- Bendix® ADSP
- WABCO® SS Series

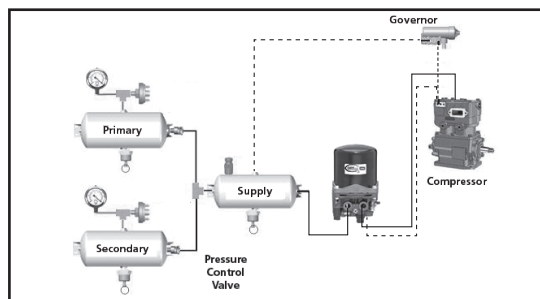
The Haldex DRYest will retrofit these Air Dryers if an auxiliary purge tank is added:

- Bendix® AD2, AD4, AD9, ADIP
- WABCO® SS Series

Related Items Checklist

- External Purge Tank
- Compressor Discharge Hose
- Nylon Air Brake Hose
- Spare MTC Cartridge
- Brass Fittings
- Air Governor

System Regeneration with External Governor



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.
- When using a DRYest with an integrated governor and an air compressor that uses an "Energy Savings Feature" (ESF), use a 3/8" control tube from the dryer to compressor unloader port.

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
- Heavier/Taller/Wider than the DRYest
- Separate purge tank is required for the C/R T2000, T3000 and HD2000.

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
- Heavier/Taller/Wider than the DRYest
- Utilizes multiple mounting brackets and bolts

Bendix ADIP

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

Bendix ADSP/WABCO SS System Purge

- Utilizes only one desiccant type for removal of water and contaminants
- Spin-on filters are often difficult to remove due to seized threads
- Maximum SCFM ratings for Bendix and WABCO 1000/1200 dryers is 25 SCFM - Cannot be used with high volume applications
- 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