

## BENDIX® AD-RP™ AIR DRYER

### Remote Purge Desiccant Air Dryer with a Spin-On Cartridge

#### Proven Design

The Bendix® AD-RP™ air dryer removes moisture, oil, and other contaminants from the air brake system; helps improve brake performance; and reduces maintenance. Bendix pioneered desiccant air dryers for heavy-duty commercial vehicles over 40 years ago and today we've incorporated that expertise into a compact unit...the Bendix AD-RP.

#### Remote Purge

The Bendix AD-RP air dryer uses a remote purge reservoir to regenerate the desiccant, meaning operation is essentially the same as the Bendix AD-9® or AD-IP® air dryers. By using a remote purge reservoir, air brake system pressure is not reduced during an AD-RP air dryer purge event.

#### Simple Service

Our AD-RP air dryer helps keep your trucks on the road and your bottomline in check by keeping maintenance simple and reducing service downtime. All service components can be changed without removing the unit from the vehicle and the convenient spin-on cartridge replacement requires only a strap wrench.

#### Cartridge Options

Bendix offers two spin-on cartridge choices for the AD-RP dryer. Our standard cartridge meets the need for most applications, but if your vehicle requires a very low concentration of oil in the air charging system (which many newer vehicles do), the optional Bendix® PuraGuard® Oil Coalescing cartridge outperforms competitive offerings. See the Bendix® Air Dryer Cartridge Application Guideline BW2858 for selection details.

#### Industry Leading Warranty

With protection for three years or 350,000 miles, the Bendix® AD-RP™ air dryer is – if installed as original equipment on the vehicle – eligible for our Total Air Guarantee (T.A.G.) program. T.A.G. extends the warranty of other Bendix air and antilock brake system components also installed as original equipment for three years or 350,000 miles.

#### System Protection

A properly maintained air treatment system can help you save thousands of dollars in service cost and vehicle downtime. Simple, scheduled preventative maintenance of the AD-RP air dryer – as well as use of a PuraGuard Oil Coalescing cartridge – are critical to keeping your air treatment system free of oil, water and other debris.



Available with optional turbo cut-off valve and Bendix® PuraGuard® Oil Coalescing cartridge.

#### Applications:

See Bendix Application Guideline (BW2600) for specifics.

- Highway Travel Coach / RV
- School Bus
- Pick-up and Delivery
- Line Haul
- Rural or Commercial Refuse
- Dump Truck / Concrete Mixer
- Off-Highway / Construction

#### Specifications:

|                      |   |
|----------------------|---|
| Height:              | 11"   |
| Diameter:            | 6"  |
| Weight:              | 11 lbs.   |
| Cartridge Service:   | Spin-On (Standard or PuraGuard® coalescing)   |
| Purge Source:        | Remote (recommended volume of 200 in <sup>3</sup> to 500 in <sup>3</sup> depending on vehicle vocation) |
| Heater Voltage:      | 12  |
| Turbo Cut-Off Valve: | Optional  |
| Warranty:            | 3 years / 350,000 miles   |





# TECH TIP —

## Expert Advice from the Air System Experts

### Preventative Maintenance and Bendix® PuraGuard® Oil Coalescing Technology. The Tools To Keep Your Air Treatment System in Proper Working Condition.

Testing shows that air dryers with Bendix® PuraGuard® oil coalescing technology – like the Bendix AD-RP dryer – significantly outperform the WABCO® SS 1200 air dryer cartridge with coalescing filter – up to 200X more oil removed.

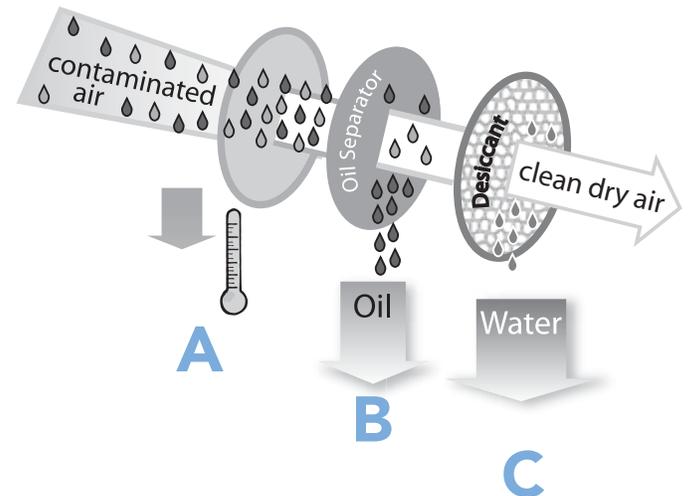
### Preventative Maintenance – as easy as 1-2-3

Adhering to a preventative maintenance schedule is crucial to keeping a vehicle’s air system clean and ensuring superior performance of all components that utilize system air – such as brakes, emissions equipment and automated manual transmissions. Depending on vocation, Bendix recommends a 1, 2, or 3 year air dryer cartridge replacement on vehicles equipped with a Bendix compressor.

- 1** for **severe service applications**, such as residential refuse trucks or school buses, the air dryer cartridge should be replaced every year or 100,000 miles;
- 2** for **pick-up and delivery operations**, or for double- and triple-trailer line haul trucks, every two years or 200,000 miles is the recommendation; and
- 3** **line-haul operations** using a single trailer should swap the filter out every 3 years or 300,000 miles.

More frequent intervals may be required depending on a vehicle’s age, its compressor condition, use of a non-Bendix compressor, the operating environment, the vehicle’s vocation, and its usage. In conjunction with these guidelines, fleets can determine the functionality of their filters by checking for moisture in the air brake system monthly. If moisture is present, the air dryer cartridge may require replacement. Reference the Bendix Service Data Sheet of the specific air dryer for additional information. (Recommended intervals for trucks equipped with non-Bendix compressors are 6 months (50,000 miles), 1 year (100,000 miles), and 2 years (200,000 miles), respectively). **IMPORTANT!** When servicing, note that standard AD-RP air dryers or air dryer cartridges may be serviced with PuraGuard oil coalescing air dryers or cartridges, however, PuraGuard oil coalescing air dryers or cartridges **MUST** only be serviced with like replacements.

### Removes up to 200X more oil than competitive cartridges



### How PuraGuard® Works:

- A First Phase:** Skin Cooling - Lowers the temperature, converting aerosols to liquid
- B Second Phase:** PuraGuard® Treatment - Coalesces and collects oil particles, protecting the desiccant from contamination
- C Third Phase:** Recyclable desiccant removes moisture by adsorption

### Performance and Protection For Your Vehicle... The Bendix® AD-RP™ Air Dryer.

**Low cost, compact size, with available Bendix® PuraGuard® performance. Discover how the Bendix® AD-RP™ air dryer can help ease your maintenance costs. Speak with your Bendix Account Manager, call 1-800-AIR-BRAKE, or visit [www.bendix.com](http://www.bendix.com) today.**