

## TRAILER AIR TREATMENT

### A WIDE RANGE OF SUPERIOR TRAILER-SPECIFIC SOLUTIONS FOR EFFICIENT AIR BRAKE SYSTEM PERFORMANCE AND PROTECTION

**Bendix® System-Guard® trailer air dryer**  
**Bendix® Cyclone DuraDrain™ trailer water separator**  
**Bendix® AF-3™ in-line air filter**

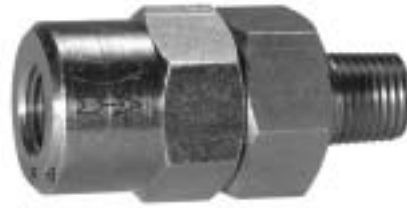
When you view trailers as more than a “box on wheels,” you understand how the brake system you choose can make the difference between a trailer that makes money and one that sits idle. At Bendix, we see what you see. A world filled with competitive challenges for those who build, purchase, manage and service the trailers which keep North America’s goods moving safely and efficiently.

Whether your trailers are on the road or in the yard waiting for the next haul, you know the recurring problems that surface when water and debris contaminate trailer air lines. It’s undeniable that bugs, dirt, fiber and liquid can enter through glad-hands and clog air lines and valves, affecting the performance of the entire trailer air brake system.

Today’s trailer air brake systems need protection against water and contaminants. That’s why Bendix developed three innovative and economical solutions that can function independently, or as an integrated system, to clean and drain trailer air lines for maximum performance.

The Bendix® System-Guard® trailer air dryer, the Bendix® Cyclone DuraDrain™ trailer water separator, and the Bendix® AF-3™ in-line air filter form a comprehensive and powerful package of solutions that help to prevent trailer downtime caused by moisture and debris.

**Bendix. Your Complete Trailer  
Braking Air Treatment Solution.**



## TRAILER AIR TREATMENT

### Bendix® System-Guard® Trailer Air Dryer

**The optimum choice for filtering out moisture and contaminants that can lead to freeze-ups and premature system malfunction.**

The Bendix® System-Guard® trailer air dryer is the first air dryer designed specifically for trailer brake systems that continuously help to protect against moisture and solid contaminants, minimizing the possibility of pneumatic seize-ups. Once equipped with this unique and economical unit, trailers simply hook up and pull away, regardless of how cold it is.

The Bendix® System-Guard® air dryer is the insurance you need against trailer system problems. It acts as a moisture buffer, absorbing moisture in wet times and releasing it in dry times. Unlike typical air dryers, the System-Guard® unit operates without a cartridge; instead, the entire dryer is replaced at the regularly established service intervals that are a part of your preventive maintenance schedule.

### Reliable, Easy to Install and No Maintenance

Installation is quick and easy because the unit mounts directly to the cross-member or trailer frame in under 30 minutes. And with an expected life span of five to ten years in normal operation, and with no required maintenance, the Bendix® System-Guard® trailer air dryer offers the reliability and durability you can count on to keep your operating margins in check.

### Ensuring a Constant Supply of Clean, Dry Air

The System-Guard® air dryer cleans the air in both the trailer system supply and control lines, helping to protect trailer valves and your trailer ABS. It prevents contaminants and moisture from entering air suspension bags and valves that can keep the air suspension from working correctly, reducing downtime and decreasing overall maintenance costs. It also incorporates fail-safe bypass valves in the unlikely event the dryer becomes obstructed.

### Applications

Maximize brake system life with the Bendix® System-Guard® trailer air dryer. No matter the application, when it comes to efficient, economical operation, it's the right choice. The System-Guard® dryer is highly effective for all trailers including tank trailers, trailers with ABS, and trailers moved by yard jockeys without air dryers. The Bendix® System-Guard® trailer air dryer is also effective for trailers with contamination, moisture or freeze-up issues, and those that are unoccupied for extended periods.

### Warranty

The Bendix® System-Guard® trailer air dryer has a 3-year, unlimited-mile warranty when used in trailer applications.



*The Bendix® System-Guard® air dryer is the insurance you need against trailer system problems.*

## Bendix® Cyclone DuraDrain™ Trailer Water Separator

**An automatic trailer solution, standing guard over open glad-hands.**

Water can make its way into air lines from pressure washing or through improperly stowed glad-hands that trap rain, snow, or puddles of other liquid on the ground. Long glad-hand lines from converter dollies and dirt haulers, plus fleets in high-humidity climates, in addition to areas of the country where freezing and thawing regularly occur, are particularly susceptible to moisture and debris problems.

Now Bendix has an answer. The Bendix® Cyclone DuraDrain™ trailer water separator is an innovative water and debris separator that traps contaminants and automatically purges liquid from the air brake system.

The Bendix® Cyclone DuraDrain™ unit is over 90 percent efficient in capturing and removing water and particles from control air lines during normal braking applications. It can also be used to effectively protect supply air lines.



*The Bendix® Cyclone DuraDrain™ unit is over 90 percent efficient in capturing and removing water and particles during normal braking applications.*

### **Innovative Cyclonic Action Automatically Captures Liquid and Debris.**

The dual-action, liquid-removal feature contains a pressure-sealing drain valve that allows for immediate liquid removal from open glad-hands. When pressurized, the cyclonic action water separator automatically separates liquid and debris from the air.

The Bendix® Cyclone DuraDrain™ water separator mounts easily to trailers and converter dollies with just two bolts and two fittings. Its virtually maintenance-free operation is effective on both service and emergency lines, and its corrosion-resistant construction is designed for long life and high durability. For trailer floors with an I-Beam construction, an optional extruded aluminum spacer mounting bracket is also available.

Cyclone DuraDrain™ is a highly effective device designed to help increase the service life of valves, antilock braking systems, and your overall brake system by preventing contaminants from ever reaching them. Small but mighty, it can also greatly reduce internal valve corrosion, system freeze-ups, and dragging brakes.

### **Warranty**

The Bendix® Cyclone DuraDrain™ trailer water separator is covered by a 3-year, unlimited-mile standard warranty when used in trailer applications.

## TRAILER AIR TREATMENT

### Bendix® AF-3™ In-line Air Filter

**A fine-grade filter designed to eliminate the smallest foreign material before it enters your trailer air line.**

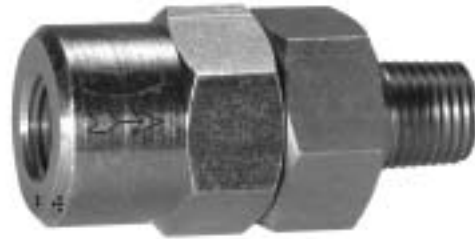
The Bendix® AF-3™ in-line air filter is the simplest protection against solid contaminants. About the diameter of a quarter, the AF-3™ in-line filter assembly is a powerful tool designed to filter out foreign material from a trailer air line before it can enter the control port of the trailer ABS modulator or spring brake relay valve.

The distinctive filter body is made of steel with an internal screen element of stainless steel held in place by a spring. When in place, the AF-3™ in-line air filter is capable of removing particles of 0.012 inches in size or larger... helping your trailer air lines and ABS operate to maximum capacity. The filter has a 1/4" NPT female supply port and a 1/4" NPT male delivery port.

Easily installed, easy to maintain, and available now at any authorized Bendix distributor or dealer, the Bendix® AF-3™ in-line filter can increase the robustness of your braking system against solid contaminants by a factor of 20.

### Warranty

The Bendix® AF-3™ in-line air filter is covered by a 3-year, unlimited-mile standard warranty when used in trailer applications.



*The Bendix® AF-3™ in-line air filter is the simplest protection against solid contaminants. Ask for Bendix part number 801331*

Clean and Dry Air Lines Help Keep You on the Road and Out of the Shop.

**Superior solutions, easy to service and install, proven performance. Discover how the complete line of Bendix trailer air dryers and filters can make the difference between trailers that make money and those that sit idle.**

**Talk to your Bendix Account Manager, call 1-800-AIR-BRAKE or visit [www.bendix.com](http://www.bendix.com) today.**