

## AD-IS® AIR DRYER MODULE

### INTEGRATED SOLUTION AIR DRYER

**Enhance Performance, Reduce Maintenance Time**

#### Evolutionary Charging System and Integrated Design

Bendix elevates air treatment to a new level with the Bendix® AD-IS® air dryer module, an integrated solution air dryer for removing liquid, vapor and solid contaminants from the air system. With a new concept in system charging and a modular design that combines a variety of air system components, the AD-IS® air dryer module enhances performance, simplifies maintenance, decreases the total number of parts, minimizes potential leak points and reduces system weight. The spin-on cartridge design makes replacement quick and easy.

#### Enhanced Performance

The AD-IS® air dryer module raises the bar over current industry standard air drying systems with its innovative system design. With four pressure protection valves located directly on the air dryer module, accessories can be plumbed straight from the air dryer as opposed to connecting through either of two air system reservoirs. This design feature reduces complexity and minimizes possible leak points.

The AD-IS® air dryer module purge cycle uses air from a self-contained reservoir instead of accessing either of two available air system reservoirs. As a result, the air system reservoirs maintain consistent pressure during the purge cycle and are fully dedicated to air system operations.

#### Simplified Maintenance, Reduced System Weight

The modular design of AD-IS® air dryer module combines the vehicle supply reservoir, governor and a number of charging system components, eliminating many maintenance trouble spots. Fewer components means lower system weight, fewer maintenance requirements and less opportunity for leaks. It also means service centers can inventory fewer parts.

The integrated design also extends the life span of some components. For example, because the governor is mounted directly to the air dryer – away from the heat and vibration of the compressor – it experiences less wear and tear. The majority of the sub-components of the air dryer module can be maintained individually and are easily accessed from one central location.



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### Spin-On Cartridge

Due to its spin-on design, the desiccant cartridge can be changed in less than 10 minutes, saving fleets maintenance and downtime. With the air dryer's integral purge volume, this spin-on cartridge meets today's highest performance standards, making the AD-IS® air dryer module an ideal solution for a wide range of applications.

### Genuine Bendix Quality and Total Air Guarantee

With the Bendix® AD-IS® air dryer module, you can rely on Genuine Bendix quality backed by our Total Air Guarantee (T.A.G.) limited warranty. We're so certain of the Bendix® AD-IS® air dryer module performance abilities that, under normal usage, it's warranted for three years or 350,000 miles. And if it's installed as original equipment on a vehicle, you're eligible for our T.A.G. program. T.A.G. extends the warranty of other Bendix air and antilock brake system components also installed as original equipment on the same vehicle to three years or 350,000 miles.

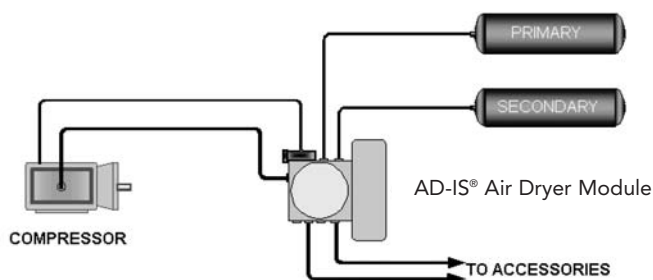
### Specifications

Height:	11.5 inches
Width:	9 inches
*Projection:	10 inches
**Weight:	27 pounds
Heater:	12V and 24V
Purge Source:	Integral
Mounting:	SAE 4-hole thread pattern
Governor:	110 to 130 psi, integral to dryer
Models:	Standard and Extended Purge
Warranty:	T.A.G. limited warranty; 3 years/350,000 miles (for complete details on the T.A.G. warranty, refer to Bendix publication BW1716)

\* Extended purge projection 12 inches

\*\* Extended purge weight 31 pounds

BENDIX® AD-IS® AIR DRYER MODULE PART REDUCTION VS. TYPICAL CHARGING SYSTEM	
Category	Typical Reduction
Major Components	56%
Pneumatic Lines	44%
Pneumatic Connections	50%



Bendix® AD-IS® air dryer module system schematic

### Bendix® AD-IS® Air Dryer Module System Benefits At-A-Glance

- Simpler charging system design reduces the number of possible leak points.
- Higher system air pressure (up to 135 psi) provides extra braking reserve.
- Number of components is reduced, resulting in weight savings.
- Reduced maintenance requirements.
- Spin-on cartridge design provides quick and easy servicing.

## Get Ahead Of The Performance Curve With The Bendix® AD-IS® Air Dryer Module

**Integrated design, enhanced performance and reduced maintenance time. Discover how the Bendix® AD-IS® air dryer module can enhance your commercial vehicle. Talk to your Bendix Account Manager, call 1-800-AIR-BRAKE, or visit [www.bendix.com](http://www.bendix.com) today.**