

BENDIX® BA-922® AIR COMPRESSOR

High air output for demanding applications, from a smaller, lighter air compressor.

Experience Counts

For generations, the Bendix® name has meant quality, reliability and durability when it comes to your vehicle's air charging system. With commercial vehicles becoming more sophisticated, and compressed air requirements increasing, Bendix offers this next generation high-performing, energy-saving compressor option.

High Air Delivery

The Bendix® BA-922® compressor provides maximum air delivery even at low speeds. It is a high-output, two-cylinder compressor that supplies 32 cfm (cubic feet per minute) displacement at 1,250 rpm (revolutions per minute). This compressor's ability to recharge the system quickly and efficiently at low speeds makes it ideal for more demanding brake system applications, such as transit coaches, bulk haulers, double and triple combination vehicles, refuse haulers, and construction vehicles.

High Thru-Drive

Unlike other high-air-output compressors, the Bendix® BA-922® compressor's standard design is capable of powering a 25 horsepower accessory at any speed.

Standard North American Unloader Valving

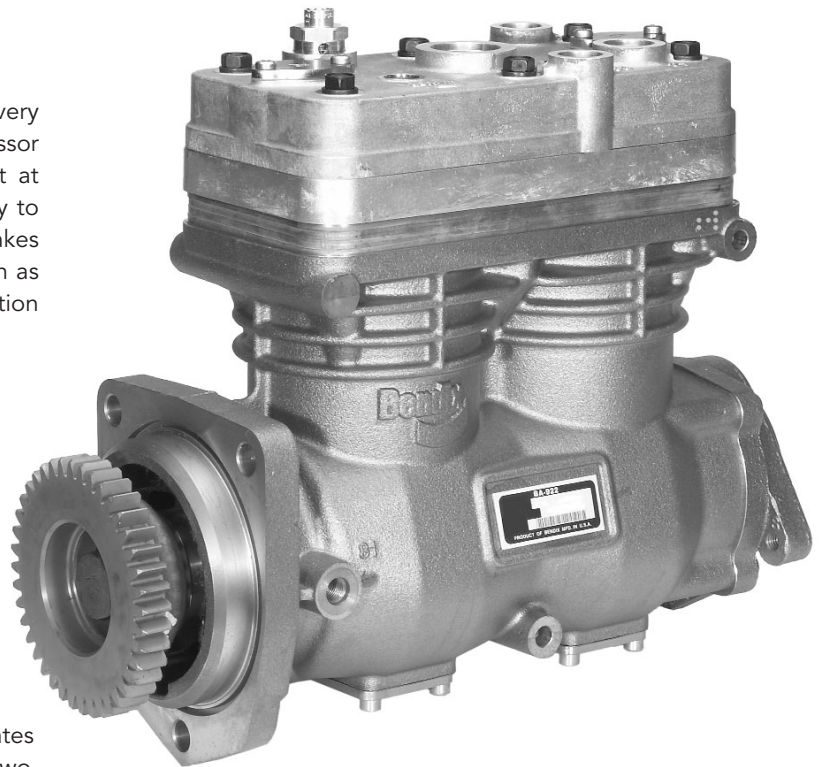
The powerful Bendix® BA-922® compressor works within the standard North American brake systems by incorporating integral unloader valving in the cylinder head, which eliminates the special valve requirements normally associated with two-cylinder, high-output compressors.

Effective Cooling Systems

The Bendix® BA-922® compressor's cylinder head provides lower discharge air temperatures by incorporating highly effective cooling surfaces, thereby reducing carbon formation and resulting in higher air quality. Minimizing discharge temperature increases the service life of downstream air brake components, such as the air dryer and valves.

Compact, Lightweight Design

The highly efficient Bendix® BA-922® two-cylinder compressor replaces earlier four-cylinder designs. While its volume output is similar to the Bendix® Tu-Flo® 1400 compressor, this smaller and lighter compressor is 4½ inches shorter and weighs 33% less due to its simpler design and extensive use of aluminum components. The Bendix® BA-922® compressor's compact size enables it to meet OE installation constraints in tight engine compartments without compromising its high-air-output capability.



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Requirements

As the source of energy for a vehicle's air brake system and accessories, the Bendix® BA-922® compressor is driven by the vehicle's engine and utilizes the vehicle's lubrication and cooling systems. Because of these shared systems, regular vehicle maintenance, such as oil changes and coolant flushing, is critical. This vehicle maintenance, along with regular air brake system and air accessory maintenance, keeps the compressor running efficiently.

Bendix® Quality and Service Guaranteed

Bendix stands behind every compressor with complete warranty protection and a veteran technical support team to help you troubleshoot and resolve any air brake system challenges. From sales to service, and engineering to production, the Bendix team has years of practical experience hard at work for you.

Bendix® BA-922® Compressor Specifications ¹	
Typical Weight ²	64 lbs (29 kg.)
Number of cylinders	2
Swept air displacement @ 1,250 rpm	31.6 cfm
Maximum recommended rpm	3,000
Loaded HP required @ 1,250 rpm	6 hp
Unloaded HP required @ 1,250 rpm	2 hp
Thru-drive capacity ²	25 hp
Size (H x W x L) in inches ³	13.2 x 8.0 x 12.6
Compressor inlet maximum turbocharge boost (psig)	0 psig (Naturally Aspirated)

¹ Reference BW-121-A for the complete list of Bendix® BA-922® Compressor application requirements to ensure optimum operation.

² Indicates an application specific feature.

³ Measurements are taken the following way: Height, crankshaft centerline to top of cylinder head; Width, either widest section of cylinder head or crankcase belly; Length, between flange faces.

Note: All references to RPM are for the compressor operation.

Applications

- Bulk haulers
- Double & triple combination vehicles
- Refuse haulers
- Cement mixers
- Off-highway vehicles
- Transit coaches
- Central tire inflation systems

Bendix compressors provide the power that keeps you on the road, and the value that keeps you coming back.

The Bendix® BA-922® air compressor is one element of the complete line of Bendix air brake components which can help improve vehicle performance, increase efficiency and reduce your overall operating costs. The Bendix® BA-922® compressor is currently available on several engine platforms.

To find out more, talk to your Bendix representative, call 1-800-AIR-BRAKE (1-800-247-2725), or visit www.bendix.com today.

The Bendix® BA-922® Air Compressor

FEATURES

High air output

BENEFITS

Provides ample air for more demanding applications

Effective cooling system

Effective cylinder head cooling results in very low discharge air temperature

Simple, two-cylinder configuration

Improves durability and reliability while reducing maintenance costs

Smaller size

Compact size to meet tight OE installation constraints

Lighter weight

Improves vehicle fuel economy and performance

