



Air Superiority News

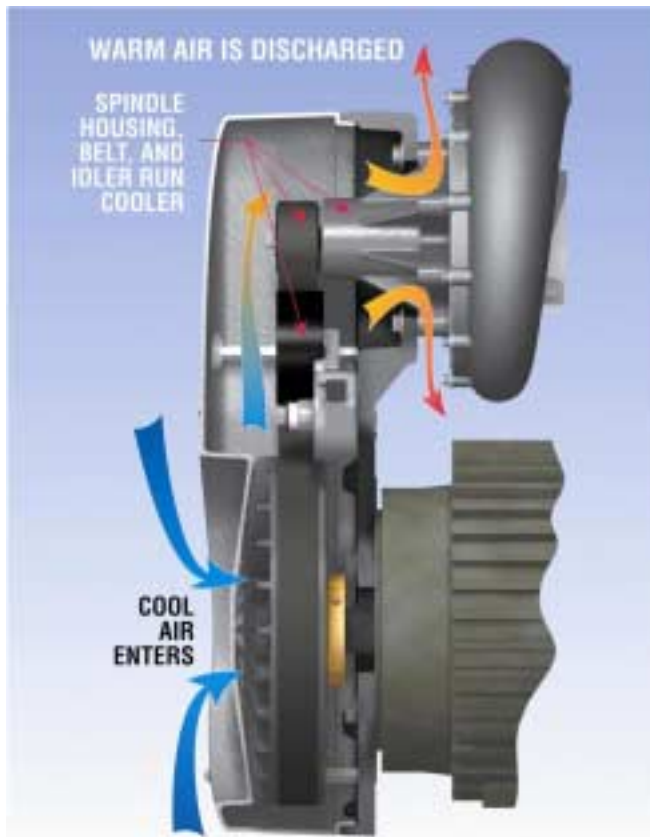
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Vortron's Technology In Review –

The "Fresh-Aire™" System



Vortron's Fresh-Aire™ System

A technology innovation that provides lasting profit to our customers, Vortron's patent pending **Fresh-Aire** system is just another factor that sets the **AirPower™** lineup ahead of all the others. This is no 30 year-old technology! Instead, **AirPower** is a modern, clean-sheet design that overcomes the flaws of other (widely copied) products.

For any machinery drive train, heat management and hence operating temperature is a primary concern. In general, a 20° increase in bearing

running temperature will reduce grease life by a factor of one-half.

The exclusive **Fresh-Aire** cooling feature supplies an uncompressed **cool air stream** to the drive train system – drive pulleys, drive belt, belt tensioner and, most importantly, the precision spindle assembly.

Here's how it works – Cool air is drawn into the high-impact cross-linked PE drive housing by the finned drive pulley. This **uncompressed**, cool air is circulated over the various drive components, removing heat before exiting around the spindle housing.

State-of-the-Art Technology Ensures the Best Return-On-Investment

For over 12 years, Vortech Engineering's strong commitment to research and development has lead to innovative compressor and blower products. Our objective is to bring this same R&D excellence to the industrial air movement industry – specifically, air blow-off, cleaning, and drying.

Annual energy operating costs of air blow-off systems can range from \$23,000 for a compressed air system, to \$1,500 for a Vortron high-efficiency **AirPower** system. This represents a 15 to 1 annual savings!

Vortron takes pride in its technology and innovative products. Products designed only to deliver absolute best performance on the dollar, and maximize return on investment for our customers. In other words, superior performance; enhanced durability; reduced energy consumption, and reduced annual operating costs equates to **improved bottom line!**

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Air Superiority Air Knife Systems

AirPower is growing – Vortron has developed a new line of air knives, components and accessories for 21st Century industrial air applications. Our newly developed **AirPower** Air Knife Systems now include: air knives, butterfly valves, flow diverters, flex hose, and system enclosures.



Vortron's Shows/Meetings

For a more extensive product information and show dates, refer to our WEB site at Vortron.com.

March 3-6 – **CleanTech** will co-locate with National Manufacturing Week at McCormick Place Complex, Chicago, IL. So, mark your calendars to attend the 10th Annual **CleanTech 2003** Cleaning Technology Exposition - the only exposition dedicated to precision and parts cleaning applications. Vortron will be exhibiting its **AirPower** line, including the Mobile-Aire portable drying/blow-off system, air knives, and system components. Visit us at booth numbers 316 & 318.

March 12-13 – 14th Annual Central Valley Engineering & Maintenance Show.

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