

**December 22, 2008**

**Press Release  
For Immediate Distribution**

**PR 7: TriNertia a Division of DAE Systems releases new family of Line Blowers (Cross Flow Fans) available for shipment starting April 2009.**

Santa Ana CA - TriNertia is proud to announce a new product family for 2009. The new family of line blowers includes over 200 distinct model numbers to maximize customer choice. Line Blowers distribute air along the length of the blower producing a curtain of air flowing in a uniform direction parallel to a surface rather than through a rectangular or circular orifice as with conventional centrifugal blowers. This type of air distribution is perfect for conveyor belts, processes that are sensitive to even distribution of air or other gases or temperature distribution, or specialized area ventilation such as entries and exits or boosting HVAC lines. They can also be used effectively for area cooling on electronic equipment. The line of air flow can be lengthened by using a longer blower or by putting blowers in parallel end to end.

In some applications such as cooling, heating, and clean rooms more air flow is preferred while in other sensitive processing applications such as soldering equipment or food processing gentle air movement is required. TriNertia Line Blowers are available for both extremes and multiple levels in between. Line Blowers measure this as a ratio between the airflow in CFM and the length of the blower and it is called the "Flow Ratio". The higher the Flow Ratio the higher the air velocities at the blower exit. Available Power input is also an important application consideration. "Our quality will meet or exceed industry standards", states Product Manger Ling Fan. Line Blowers are available in A/C 110/120 or 220/230V 60 Hz power or D/C 12V or 24V. TriNertia Line Blowers are U/L certified and many also have TUV and CE certification available. The impellers are made of aluminum to maximize the fan torque efficiency. The motor bearings are protected by a layer of high temperature lubricant that allows up to 15,000 hours of use between lubrication maintenance.



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**Line Blowers have broad application across many industrial and consumer products including:**

- Electronic air cleaners
- Small heaters
- Air conditioning units
- Aviation Instrument Cooling
- Telecom
- Area ventilation
- Smoke and fume extraction
- Cooling
- Defogging
- Hand dryers
- Medical
- Wood stove blowers
- Gas stove blowers
- Refrigerated food displays
- Engine cooling
- HVAC
- Marine
- Household appliances
- Automotive

**Additionally, Line Blowers have individual product benefits:**

- Low-profile housing
- Low noise level
- Even airflow across width of blower
- Left or right motor position
- Motors can be rotated 90° four ways
- UL and cUL approved Class H shaded pole motors
- 135°C auto-reset thermal protection
- Long-life, maintenance-free ball bearings
- Flexible counter bearing
- Sturdy, corrosion-resistant, satin coated steel housing, aluminum wheel

TriNertia Line Blowers represent the greatest efficiency available for both their size and air movement. Specifications are available on line at [www.TriNertia.com](http://www.TriNertia.com) or through your local distributor.