

# VORTEX STATIC ELIMINATOR BLOWER

Providing a large volume of ionized air to eliminate tough static electricity problems

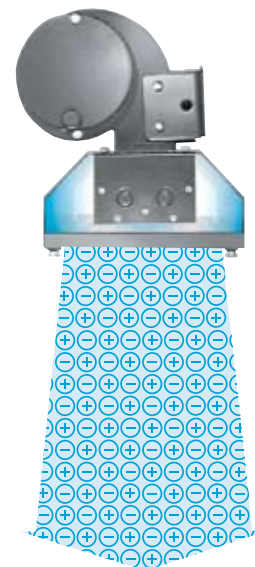
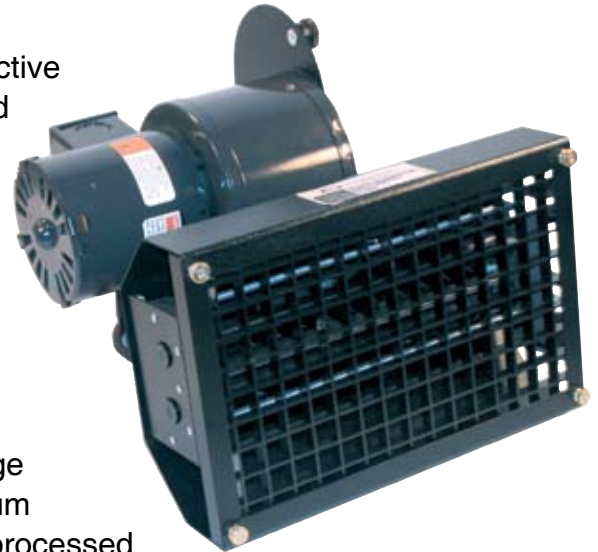
TAKK Vortex Blower projects a large and ultra effective stream of ionized air, eliminating costly positive and negative static electricity problems in a variety of industrial applications, including converting, plastics, textiles, printing, painting and electronic assembly.

Vortex emits a high concentration of ions up to a distance of 10 feet—economically, quietly and free of emission hazards.

With TAKK's superior performing Diffused Discharge System, your machinery can be operated at optimum speeds with fewer malfunctions, materials can be processed with fewer rejects and less waste, contamination of products by dust and dirt is prevented, employees are protected from shock, quality of your products is enhanced, and productivity and profits are heightened.

Our units, ready to plug into AC power source, are compact and self-contained, including power supply and controls. Air velocity is created by a Centrifugal Blower; no compressed air supply is needed. The fan has variable and controllable air speed and volume. Air filtration at the fan assures a clean operation. Ionization is accomplished with the same high performance ionization system found in our TAKK Model 200 Static Elimination Bar, respected throughout our industry.

VORTEX Blower is designed and precision engineered to meet your needs. **Our units are easy to install, easy to maintain, easy to operate, long-lasting, dependable and economical.**



**REDUCES REJECTS & DOWNTIME  
INCREASE PRODUCTION & PROFITS  
ENHANCE PRODUCT QUALITY  
IMPROVE EMPLOYEE SAFETY**

Visit us at [www.takk.com](http://www.takk.com)



**TAKK INDUSTRIES INCORPORATED**

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## Vortex Specifications

**MODEL 7000:** Vortex Blower, 5' power cable, power supply, universal mount.

**MODEL 7001:** Same as 7000 without power supply.

**DIMENSIONS:** 10<sup>3</sup>/<sub>16</sub>"W x 7<sup>3</sup>/<sub>4</sub>"H x 9<sup>3</sup>/<sub>8</sub>"D

**VORTEX WEIGHT:** 6.5 lbs.

**AIR DELIVERY:** 25 to 148 CFM.

**ION FIELD:** Length of approx. 10'; width of 12" @ 1' from unit and 18" @ 3' from unit.

**IONIZATION:** 40 emitters utilizing TAKK's Controlled Diffused Discharge System. Emitters are replaceable.

**5' POWER CABLE:** Connects Power Supply to Vortex.

**POWER SUPPLY:** 115V - 50/60 HZ, AC; 0.5 Amp Current; 5 lb. weight.

### Complete Unit - Model 7000



Vortex Blower



Power Cable

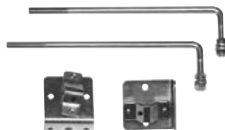


Power Supply

The standard Model 7000 consists of a Vortex Blower, a 5' Power Cable, a Power Supply, and Universal Mounting Hardware (see below). The Vortex Blower is a Centrifugal Blower Unit coupled with a high performance ionization system.

### Universal Mounts

Our universal mounting hardware allows for quick and versatile installation. Standard with Models 7000 and 7001.



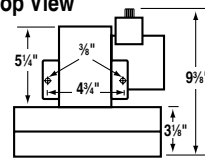
### Two Unit Operation



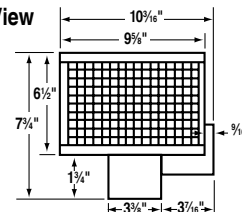
A single power supply can be used to power two Vortex Blowers. Order one Model 7000 and one Model 7001.

### Unit Dimensions

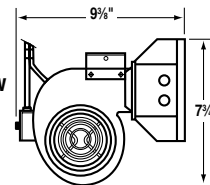
Top View



Front View

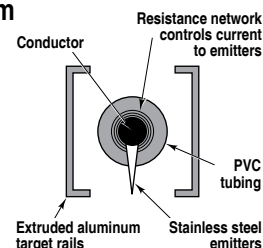


End View



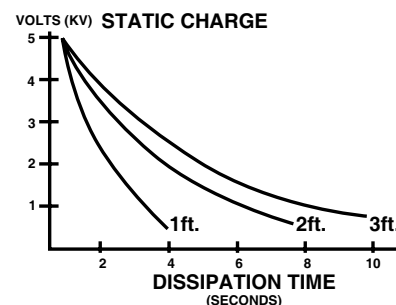
### TAKK Diffused Discharge System

Provides a stronger field with powerful static elimination capabilities spread evenly across surfaces.



### Performance Characteristics

Graph shows approximate discharge times for the TAKK Vortex Blower to discharge a 5000 volt charge. Discharge times are proportionate to distance from unit to surface to be discharged. Distances shown are 1, 2 and 3 feet from the unit.



### Superior Benefits

- Air velocity is created via a centrifugal blower
- No compressed air supply is needed.
- Air speed and air volume are variable and controllable.
- Air filtration at the fan provides a clean operation.
- Superior static elimination is provided free from emission hazards.
- Easy to install and maintain, and economical to operate.
- Typical applications: static elimination from production processes involving PVC or foam, mold making, slitting, sheet paper and film, weaving and stitching, parts assembly, fill and pack operations, and many more.



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