

724BCV Aircraft Brake Cooling Fan - Electric Motor

The Super Vac 724BCV is designed specifically for use to cool airline braking systems on passenger jets by pulling air through the wheel of the jet. A variable speed electric motor powers the 11" impeller which outputs 1,685 cubic feet per minute.

Features

- 1 **Precision Spun Steel Shroud:** Durability with maximum airflow
- 2 **Full Roll-Cage Steel Frame:** Protects key components
- 3 **Flat Proof Tires:** Heavy duty rubber, never flat, rolls up stairs and curbs
- 4 **Air Cone Guard:** Classic design,
- 5 **Fold Down Handle:** Folds down within frame for easy, compact storage

Compatible With Super Vac Accessories

- Spiral Duct
- LED Holder
- Light Kit

**5-YEAR
WARRANTY**



24" Blade - H x W x D: 35" x 22" x 28.75" - 890 mm x 560 mm x 730 mm

| Model | Weight | Motor | RPM | Airflow |
|--------|------------------|-----------------------------|-----------|------------------------|
| 724BCV | 105 lbs 48 kg | 1.5 HP Variable Speed Motor | 0 - 2,500 | 1,685 cfm 2,862 cmh |



AIRCRAFT BRAKE COOLING FAN

A Super Vac, part number #724BCV, 24" fan shall be supplied for the purpose of cooling braking systems on passenger aircrafts. The unit shall be cart style designed with rear mounted wheels, a full height frame, and a tilt-up, full width handle for easy positioning and rapid deployment. All components of the fan shall be 100% manufactured and assembled in the United States.

The unit shall provide a sealing system to mate with the tire of an airplane. The wheels shall be designed to engage as the unit is tilted for rolling to the scene. There shall be a locking brake system to prevent movement during operation.

The entire frame shall be constructed of steel tubing at least 1.25 inch square for strength and durability. The unit shall be properly guarded to prevent injury and reduce chance of foreign objects entering blade area. The blade shall be precision balanced, molded from glass reinforced polymid, and attached to the motor shaft for a direct drive connection. Any fan utilizing belts, pulley, gears, or additional shafts shall not be acceptable.

The fan shall be powered by an electric 1.5 horsepower Bluffton motor that shall be operational with 120 or 240 volt system, 50 or 60 Hz. The unit shall be designed with a totally enclosed air over motor casing to ensure motor protection.

Air movement shall be for AMCA 210 at least 1,685 cubic feet per minute.

The ventilator shall be designed with the following:

| | |
|------------------------|-----------------------------------|
| Motor Manufacturer: | Bluffton |
| Horsepower: | 1.5 HP, Variable Speed Motor |
| Rotations per minute: | 0 - 2,500 RPM |
| Cubic feet per minute: | 1,685 |
| Dimensions: | 28.75" deep x 22" wide x 35" high |
| Weight: | 105 pounds |

The fan shall have a minimum five (5) year warranty. The motor shall be warranted by the motor manufacturer for a minimum of two (2) years.