

724BCV Aircraft Brake 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 one horsepower, variable speed, electric motor powers the 24" precision formed blade (impeller) which outputs 1685 cubic feet per minute.

Features

- ◊ **7 Point Cast Aluminum Airfoil Blade** ◊ holds up better than plastic in high heat
- ◊ **Precision Spun Steel Shroud** ◊ durability with maximum airflow
- ◊ **Full Roll Cage Steel Frame** ◊ protects key components
- ◊ **Flat Proof Tires** ◊ heavy duty rubber, never flat, rolls up stairs and curbs
- ◊ **4 Position Tilt Plate** ◊ -10°, 0°, 10°, 18°
- ◊ **Air Cone Guard** ◊ classic design, StreamShaper Guard optional
- ◊ **Fold Down Handle** ◊ folds down within frame for easy, compact storage
- ◊ **Compatible With Super Vac Accessories**
 - ◊ Spiral Duct
 - ◊ LED Holder
 - ◊ Mountain Mister
 - ◊ Foam Generator
 - ◊ Light Kit
- ◊ **5 Year Warranty**

Specs

Motor ◊ 1 Hp, Variable Speed

HxWxD ◊ 35" x 22" x 28.75" ◊ 889mm x 559mm x 730.25mm

Blade Diameter ◊ 24" ◊ 609mm

Weight ◊ 105 lbs ◊ 48 kg

RPM ◊ 2,500

Output ◊ 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 air crafts. 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 100% manufactured and assembled in the United States.

The unit shall provide a sealing system to mate with tire of 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 polyimide, 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 a 1 horsepower, electric, variable speed Dyna motor. The unit shall be operational with any 120 or 240 volt system.

Air movement shall be for AMCA 210 at least 1600 cubic feet per minute when running at full speed.

The positive pressure ventilator shall be designed with the following:

Motor Manufacturer:	Dyna Mfg
Horsepower:	1 HP, 1-phase
Rotations per minute:	2500 RPM
Cubic feet per minute:	1685
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.