

724BCD Aircraft Brake Fan ◊ Diesel Motor

The Super Vac 724BCD is designed specifically for use to cool airline braking systems on passenger jets by pulling air through the wheel of the jet. A 4 horsepower, Hatz-Diesel engine powers the 24" precision formed blade (impeller) which outputs 2295 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** ◊ 4Hp Diesel Motor
- HxWxD** ◊ 35" x 22" x 28.75" ◊ 889mm x 559mm x 730.25mm
- Blade Diameter** ◊ 24" ◊ 609mm
- Weight** ◊ 120 lbs ◊ 54 kg
- RPM** ◊ 3,400
- Output** ◊ 2,295 cfm ◊ 3,899 cmh



AIRCRAFT BRAKE COOLING FAN

A Super Vac, part number #724BCD, 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 polymid, and attached to the engine 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 4 horsepower diesel engine.

Air movement shall be for AMCA 210 at least 2250 cubic feet per minute when ran at full speed.

The fan shall be designed with the following:

Engine Manufacturer:	Hatz-Diesel (1B20-X)
Horsepower:	4 HP
Rotations per minute:	3,400 RPM
Cubic feet per minute:	2,295
Dimensions:	28.75" deep x 22" wide x 35" high
Weight:	120 pounds

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