718-EVS PPV Electric Motor

Powered by a RAE, TEAO, variable-speed electric motor, this PPV electric motor fan provides the perfect combination of size and power for departments that want precise control and maximum output on a 15-amp circuit. Featuring a durable steel-frame, roll-cage design with 4-position tilt, this PPV has proven itself over the years.

Features

1. **Full Roll-Cage Frame:** Protects key components
2. **4-Position Tilt Frame with Lever:** Provides -10°, 0°, 10°, 20°
3. **Fold-Down Ergonomic Handle:** Folds down into frame for compact storage; features full-width handle for easy grip with heavy-duty gloves
4. **Flat-Proof Rubber Tires:** Eliminates flat tires; rolls up stairs/curbs easily
5. **Single-Piece Cast Aluminum Blade:** Holds up better than plastic in high heat
6. **Precision-Spun Steel Shroud:** Provides durability with max airflow
7. **Air Cone Guard:** Classic design for maximum airflow; StreamShaper Guard optional

18" Blades - H x W x D: 22" x 23.5" x 19.5" - *560 mm x 600 mm x 500 mm*

Model	Weight	Motor	RPM	Start	Run	Setback	Angle	Output
718-EVS	86 lbs *39 kg*	RAE, TEAO, variable speed, 1.5 HP, 50/60Hz, 115/230V AC	2,400	2,000 w 15-amp circuit	1,500 w	6 ft *1.8 m*	18°	8,747 cfm *14,861 cmh*

For a demo or pricing information, please contact: 800-525-5224 | info@supervac.com | www.supervac.com

POSITIVE PRESSURE VENTILATOR

A Super Vac, part number #718-EVS, 18" electric positive pressure ventilator shall be supplied. 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 positive pressure ventilator shall be 100% manufactured and assembled in the United States.

The rubber, never flat tires shall be designed with an “one step” braking system utilizing a single-foot operated break pedal to assure positive engagement to prevent the unit from rolling during operation. The tires shall be engineered to be in the back (engine side) of the fan to help protect the shroud while moving the unit and allow the unit to be re-positioned on the fire scene without personnel turning their backs to the doorway. Any ventilator with wheels on the shroud side shall not be acceptable.

The entire frame of the unit shall be constructed of steel that shall surround the shroud and the seven-blade 18" airfoil propeller in a roll cage design that shall enhance lifting and user safety. The blade shall be constructed of precision-cast aluminum alloy #A356. The blade shall be driven by the electric motor that shall have a direct drive connection. Any ventilators utilizing belts, pulley, gears or additional shafts shall not be acceptable. Any ventilators using plastic or nylon blades shall not be acceptable due to the high radiant heat found on fire scenes.

The shroud and the safety grill shall be designed as to provide maximum air velocity. The positive pressure ventilator shall have a tilt control with four positions, including one position that can direct airflow downward and shall be equipped with a lever to set positions of the air flow to 20, 10, 0, and -10 degrees above and below horizontal level.

The front and rear safety guards shall be designed to OSHA and U.L. Standards to prevent accidental contact with the blade. The unit shall be tested to AMCA 240-15 for air movement, and the air movement shall exceed 8,747 cubic feet per minute.

The positive pressure ventilator shall be designed with the following:

Motor:	RAE, TEAO Variable-Speed Electric Motor
Horsepower:	1.5 HP
Speed:	2,400 rpm
Output:	8,747 cfm
Dimensions:	22" high x 23.5" wide x 19.5" deep (560 mm x 600 mm x 500 mm)
Weight:	86 pounds

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