

718E2

The 718E2 is a Positive Pressure Ventilation (PPV) fan that features a 18" cast aluminum airfoil blade and a 1 horsepower electric TEAO (Totally Enclosed Air Over) motor.

The 718E2 has solid cushion tires for easy transportation and a step brake that locks both wheels into position. The precision spun steel shroud is adjustable to four angle positions. A steel frame, full roll cage design and heavy gauge steel grill ensure safety and durability of the 718E2.

The E2 models feature a tough, no frills method of supplying clean air to a structure. The E2 is perfect for the department buying their first electric PPV or for the department with tight budgets.

Specs

Motor	1 Hp TEAO
HxWxD	21.75" x 22.5" x 18.75"
Fan Diameter	18"
Weight	86 lbs
Start	4000 watts
Run	1500 watts
RPM	1750
Set Back	6 ft
Angle	18°
CFM	8140



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POSITIVE PRESSURE VENTILATOR

A Super Vac, part number #718E2, 18” electric positive pressure ventilator shall be supplied. The unit shall be cart style designed with rear mounted pneumatic 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 100% manufactured and assembled in the United States.

The pneumatic wheels shall be designed with a “one step” braking system utilizing a single foot operated brake pedal to assure positive engagement to prevent the unit from rolling during operation. The unit shall remain stationary while running at full speed.

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 of aluminum alloy #A356. The blade shall be driven by the electric motor that shall have a direct drive connection. The blade shall be precision balanced and attached to the engine shaft with a split taper-lock bushing. Any ventilators utilizing belts, pulley, gears, or additional shafts shall not be acceptable.

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. The standard angle of air direction shall be 18 degrees above horizontal ground level 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 240-95 for air movement and the air movement shall exceed 8,140 cubic feet per minute.

The positive pressure ventilator shall be designed with the following:

Motor Manufacturer:	Dayton TEFC Electric Motor
Horsepower:	1HP
Rotations per minute:	1750 RPM
Cubic feet per minute:	8,140 CFM
Dimensions:	18-3/4” deep x 22” wide x 20-3/4” high
Weight:	86 pounds

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