

716 VR3

The 716 VR3 is a Positive Pressure Ventilation (PPV) fan that features a 16” cast aluminum airfoil blade and a variable speed electric motor.

The 716 VR3 has solid cushion tires for easy transportation to and from the scene, while four rubber feet secure it in place while in use. 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 716 VR3.

The VR3 provides precise control of air movement and up to 35% more air flow than single speed electric PPVs. The VR3 is the only variable speed fan in the industry that will run on GFCI circuits and new hydraulic generators without surging at high speed.

Specs

Motor	1.25 Hp Variable Speed
HxWxD	20” x 20.5” x 16”
Fan Diameter	16”
Weight	64 lbs
Start	2000 watts
Run	1500 watts
RPM	2500
Set Back	6 ft
Angle	18°
CFM	9950



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POSITIVE PRESSURE VENTILATOR

A Super Vac, part number #716VR3, 16" variable speed, 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 100% manufactured and assembled in the United States.

The wheels shall be designed to engage as the unit is tilted for rolling to the scene. Once positioned at the scene, the unit shall sit on four cone-shaped rubber feet. 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 16" 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 9950 cubic feet per minute.

The positive pressure ventilator shall be designed with the following:

Motor Manufacturer:	Dyna Motors
Horsepower:	1.25 HP
Rotations per minute:	2500 RPM
Cubic feet per minute:	9950
Dimensions:	16" deep x 20-1/2" wide x 20" high
Weight:	64 pounds

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