

GP164S Smoke Ejectors ↔ Gas Engine

A 16", gas-powered smoke ejector. With a seven-point 16" blade, this fan can fit into tight compartments, yet has the CFM output of a 20" electrical smoke ejector due to its powerful Honda GX engine. When there is no electrical power supply, and departments need a small fan with big power the GP164S is the perfect solution. The smallest gas powered fan in the industry.

Features

- ↔ 7-Point Aluminum Blade ↔ holds up better than plastic in high heat
- ↔ Precision Balanced Blade ↔ maximizes output
- ↔ Rubber Feet ↔ heavy duty rubber adds friction to keep fan in place
- ↔ 4 Carry Handles ↔ makes transportation easy with 1 or 2 people
- ↔ Front and Rear Guards ↔ prevents accidental contact with key components

Specs

- Engine ↔ Honda GX120
- HxWxD ↔ 19.5" x 19" x 15.5" ↔ 495mm x 483mm x 394mm
- Blade Diameter ↔ 16" ↔ 406mm
- Weight ↔ 55 lbs ↔ 25 kg
- RPM ↔ 3500
- Output ↔ 9250 cfm ↔ 15,715 cmh

↔ Compatible With Super Vac Accessories

- ↔ Spiral Duct
- ↔ Door Bar / Hanger
- ↔ Mountain Mister
- ↔ Foam Generator
- ↔ Tilt Frame

↔ 5 Year Warranty





GAS SMOKE EJECTOR

The GP164S from Super Vac is the premier gasoline powered Positive or Negative Pressure Ventilator for emergency uses. The square design is engineered to make the unit small enough to store in tight compartments and easy to deploy in the toughest emergency situations. The unit is compatible with all Super Vac accessories including ducting and adapters. The GP164S is an excellent choice when size and versatility are required in your district.

A Super Vac, part number #GP164S, 16" gas powered PPV / NPV shall be supplied. The unit shall feature a square construction design for strength and stability. The unit shall be designed with two (2) top carrying handles on each corner for easy positioning and rapid deployment. The Ventilator shall have four (4) stabilizing rubber feet to ensure the unit shall remain stationary while running at full speed. All components of the Ventilator shall be 100% manufactured and assembled in the United States.

The unit shall be designed for use in smoked filled conditions (Smoke Ejection). As such, the air intake must be separate from the airstream being moved by the fan blade. As shown in the above picture, this is accomplished by a remote mounting of the air cleaner/air intake to an area of clean air. The exhaust from the gas engine must also be remote from the airstream being moved by the fan blade.

The front and rear safety guards shall be designed to OSHA and U.L. Standards to prevent accidental contact with the blade. The safety guards shall be designed to allow access to all the engine controls. The unit shall be tested to AMCA 240-95 for air movement and the air movement shall exceed 9,250 cubic feet per minute.

The Smoke Ejector shall be designed to easily attach ventilation duct to the inlet side of the fan. This must be a simple procedure with no tools required so it can be performed in emergency situations.

The Smoke ejector shall be designed with the following:

Motor Manufacturer:	Honda GX120 Gas
Horsepower:	4.0HP, 4-cycle
Rotations per minute:	3500 RPM
Cubic feet per minute:	9,250 CFM
Dimensions:	19.50" high x 19" wide x 15.50" deep
Weight:	55 pounds

The ducting shall be of high quality, neoprene coated polyester construction including a heavy duty black wearstrip to protect the wire helix. The ducting shall also be connected by a belted cuff for ease of installation and use. Ducting that is polyester vinyl laminate fabric shall not be acceptable.

The adapter shall be fabricated to match the fan housing and duct and be easy to attach to the fan for use in Smoke Ejection. The entire frame of the unit shall be constructed of steel and shall surround the seven-blade 16" airfoil propeller to enhance lifting and user safety.

The blade shall be constructed of precision cast of aluminum alloy #713. The blade shall be driven by the gas engine 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 unit shall be supplied with a large fuel tank capable of holding over 1 Liter of fuel for extended running time on scene.

The 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.