

## GP167S Gas Engine Smoke Ejector

Say hello to the smallest gas powered fan in the industry. A 16" gas-powered smoke ejector with a seven-point, single-piece cast aluminum blade, this fan can fit into tight compartments yet has the cfm output of a 20" electrical smoke ejector thanks to its powerful Honda GX160 engine. This fan pulls smoke from structures using negative pressure but can be flipped around for positive pressure tactics. When there is no electrical power supply and departments need a small fan with big power, the GP167S is the perfect solution.

### Features

- 1 Single-Piece Cast Aluminum Blade:** Holds up better than plastic in high heat
- 2 Precision-Balanced Blade:** Maximizes output
- 3 Heavy-Duty Rubber Feet:** Adds friction to keep fan in place
- 4 Carry Handles:** Makes transportation easy with one or two people
- 5 Front and Rear Guards:** Prevents accidental contact with key components

### Compatible with these Super Vac Accessories:

Spiral Duct, Mountain Mister, Foam Generator and Door Bar/Hanger



**5-YEAR  
WARRANTY**

**16" Blade - H x W x D: 19.5" x 19" x 15.5" - 495 mm x 485 mm x 395 mm**

| Model  | Weight          | Engine      | Displacement | RPM   | Output                  |
|--------|-----------------|-------------|--------------|-------|-------------------------|
| GP167S | 58 lbs<br>27 kg | Honda GX160 | 163 cc       | 3,500 | 9,500 cfm<br>16,140 cmh |



## GAS SMOKE EJECTOR

A Super Vac, part number #GP167S, 16" gas-powered PPV / NPV shall be supplied. The unit shall feature a square 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, 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 blade shall be driven by a 4.8 Horsepower Honda GX160 gas engine. The unit shall be supplied with a large fuel tank capable of holding 1.5 liters of fuel for extended running time on scene.

The blade shall be constructed of precision-cast aluminum alloy #713. Any ventilator using blades that cannot withstand the high heat typical on fire scenes shall not be acceptable. Plastic shall not be an acceptable blade material. The blade shall be driven by the gas engine with 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 Smoke Ejector shall be designed to easily attach ventilation duct to the inlet and outlet side of the fan. This must be a simple procedure with no tools required so it can be performed in emergency situations.

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 9,500 cubic feet per minute.

The Smoke Ejector shall be designed with the following:

|             |  |
|-------------|--|
| Engine:     | Honda GX160, Gas   |
| Horsepower: | 4.8 HP, 4-Cycle  |
| Speed:      | 3,500 rpm  |
| Airflow:    | 9,500 cfm  |
| Dimensions: | 19.5" high x 19" wide x 15.5" deep<br>(495 mm x 485 mm x 395 mm) |
| Weight:     | 58 lbs.  |

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.

