

GP187S Smoke Ejectors <=> Gas Engine

Say hello to the most powerful gas-powered smoke ejector in the industry — an 18" gas-powered smoke ejector with a seven-point, single-piece cast aluminum blade. This fan can fit into smaller compartments yet has the cfm output of a 24" electrical smoke ejector thanks to its powerful Honda GX200 engine. The GP187S 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 powerful smoke ejector, the GP187S 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 **4 Carry Handles:** Makes transportation easy with one or two people
- 5 **Front and Rear Guards:** Prevents accidental contact with key components



**5-YEAR
WARRANTY**

Compatible with these Super Vac Accessories:

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

18" Blade - H x W x D: **23.5" x 23" x 16.5" - 600 mm x 585 mm x 420 mm**

Model	Weight	Engine	Displacement	RPM	AMCA Certified Output
GP187S	76 lbs - 34 kg	Honda GX200	196 cc	3,500	10,551 cfm - 17,926 cmh



GAS SMOKE EJECTOR

A Super Vac, part number #GP187S, 18" 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. The entire frame of the unit shall be constructed of steel and shall surround the seven-blade 18" airfoil propeller to enhance lifting and user safety. 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 5.5 Horsepower Honda GX200 gas engine. The unit shall be supplied with a large fuel tank capable of holding 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 ducting is available in 16" (lower cost) and 20" (higher airflow) diameters. All ducting features coated polyester construction and includes a heavy-duty black wearstrip to protect the wire helix. The ducting shall also be connected by a belted cuff for ease of use and installation.

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 240-15 for air movement, and the air movement shall meet 10,551 cubic feet per minute.

The Smoke ejector shall be designed with the following:

Engine:	Honda GX200, Gas
Horsepower:	5.5 HP, 4-cycle, 196cc
Speed:	3,500 rpm
AMCA Certified Airflow:	10,551 cfm
Dimensions:	23.5" high x 23" wide x 16.5" deep (600 mm x 585 mm x 420 mm)
Weight:	76 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.

