

SE16H4 Thermal Positive-Pressure Fan



The **SmokeEjector TYPHOON SE16H4** is a high-performance solution designed for the targeted extraction of smoke, vapors, and contaminated air in confined spaces. Equipped with a **4 CH Honda GX120 internal combustion engine**, it operates completely independently, without relying on an electrical power supply or a water supply system.

Unlike a positive-pressure fan that blows air into a building, the SmokeEjector directly exhausts contaminated air to the outside. Compact, self-contained, and easy to position, it meets the needs of fire departments, industrial sites, and response teams working in confined or hard-to-reach spaces.

A premium solution for targeted smoke extraction

Mounted as standard on a fixed frame, the **TYPHOON SE16H4** offers excellent stability during operation. It can be positioned near an opening or connected to a suitable ducting system to extract smoke from a basement, utility room, tank, pipeline network, or confined industrial space.

Its compact **16" / 407 mm** design delivers an airflow rate of **10,000 m³/h**, which can exceed **17,000 m³/h** depending on operating conditions. Weighing **28 kg**, it remains portable while offering extraction capacity suitable for targeted operations.

A gasoline engine for fully autonomous operation

Unlike an electric extractor, this model has its own power source. Its Honda GX120 internal combustion engine allows for operation at sites without electrical outlets, generators, or suitable fixed infrastructure.

Its **4 CH** four-stroke engine, operating at **3,600 rpm**, enables autonomous operation in the field. An exhaust adapter is available as an option to facilitate the venting of engine exhaust gases and to adapt the setup to site-specific constraints.

A configuration adaptable to mobility needs

The fixed chassis, included as standard, is suitable for temporary installations requiring maximum stability. For users who need to move the equipment regularly, an optional configuration with **wheels and a retractable handle** facilitates transport between different operational areas.

This modularity allows the TYPHOON SE16H4 to be used both as an extractor assigned to a specific workstation and as mobile equipment mounted in a fire truck, emergency vehicle, or industrial maintenance vehicle.

Technical Specifications

Technical Specifications – SmokeEjector TYPHOON SE16H4	
Product Type	SmokeEjector Thermal Smoke Extractor
Model	TYPHOON SE16H4
Engine	Honda GX120, four-stroke, air-cooled
Engine Power	4 CH
Engine Speed	3,600 rpm
Air flow	10,000 m³/h, up to over 17,000 m³/h depending on operating conditions
Weight	28 kg
Nominal diameter	16" / 407 mm
Power source	Gasoline, built-in tank
Connection	No power connection required
Installation	Fixed frame
Options	Wheels with retractable handle, exhaust adapter
Typical Applications	Extraction of fumes, vapors, and stale air in confined spaces or small areas

Applications

- Smoke extraction in confined spaces during firefighting operations.
- Removal of stale air from basements, cellars, and utility rooms.
- Localized ventilation of tanks, networks, underground structures, and small industrial spaces.
- Targeted extraction of vapors or smoke without pressurizing the entire building.
- Air renewal following maintenance operations or industrial incidents.
- Compact equipment for fire trucks, emergency vehicles, and technical response vehicles.

FAQ – SmokeEjector TYPHOON SE16H4

In what situations should targeted extraction be used?

Targeted extraction is particularly effective in confined spaces, small rooms, basements, tanks, or utility shafts. It allows you to act directly as close as possible to the contaminated area without having to pressurize the entire space.

Is the wheel and retractable handle option essential?

No. The standard fixed frame is suitable when the extractor is moved infrequently or when maximum stability is required. The wheels with retractable handle option is recommended for departments that need to move the equipment frequently between different work areas.

Can the SE16H4 be used in an enclosed indoor space?

The internal combustion engine produces exhaust gases. The unit must therefore be positioned so that these emissions do not enter the ventilated area. The optional exhaust adapter can help direct the engine's exhaust gases to a suitable location.

What is the fuel range of the SmokeEjector SE16H4?

Operating time depends primarily on engine speed, load, and operating conditions. The fuel level must be checked before each operation, and the tank must be filled in accordance with the recommendations of the Honda GX120 engine manufacturer.

What are the main advantages for a response team?

The SmokeEjector SE16H4 combines **targeted extraction**, **long runtime**, and **a compact design**. It serves as a complementary solution to positive-pressure fans for teams that need to effectively handle confined spaces or small areas.