

30H13 Thermal Positive-Pressure Fan



The **TYPHOON 30H13 positive-pressure fan** is a high-performance solution designed for smoke extraction and rapid ventilation of large buildings. Equipped with a **13 CH Honda GX390 internal combustion engine**, it operates completely autonomously, without relying on an electrical power supply or a hydraulic system.

Its exceptional ventilation capacity makes it the go-to equipment for hangars, warehouses, parking garages, industrial buildings, high-rise structures, and remote sites. Powerful, mobile, and self-contained, it meets the requirements of fire departments, industrial operators, and specialized response teams.

A solution for ventilating large spaces

Mounted on wheels, the **TYPHOON 30H13** can be moved and positioned as close as possible to the area requiring ventilation. It is suitable for complex environments: logistics warehouses, hangars, production halls, underground parking garages, industrial buildings, technical infrastructure, or sites without a fixed power supply.

Its **762 mm (30")** size, compliant with **DIN 14963-TM** standard —**size class 3**—delivers an airflow rate of **44,000 m³/h**. This capacity allows for rapid air renewal in large spaces and supports smoke extraction operations requiring a particularly high airflow.

A combustion engine for fully autonomous operation

Unlike an electric or hydraulic fan, this model generates the energy required for its operation on its own. Its Honda GX390 four-stroke, air-cooled engine allows it to operate in remote locations or areas without an electrical outlet or a suitable water source.

Its manual recoil starter and wheeled design allow for autonomous deployment in the field. Weighing **68 kg**, its handling must be planned in advance, but its mobile design makes it easy to move across suitable surfaces and position it in front of large openings.

Technical Specifications

Technical Specifications – TYPHOON 30H13 Positive Pressure Fan	
Product Type	High-capacity thermal positive-pressure fan
Model	TYPHOON 30H13
Drive	Honda GX390 four-stroke, air-cooled engine
Engine power	13 CH
Airflow	44,000 m³/h
Weight	68 kg
Nominal diameter	30" / 762 mm
Start-up	Manual starter
Specified standard	DIN 14963-TM – Size Class 3
Mobility	Wheel-mounted
Typical Applications	Smoke extraction from large spaces, hangars, warehouses, parking garages, industrial buildings, and remote sites

Applications

- smoke extraction from large hangars, warehouses, and industrial buildings;
- Ventilation of covered or underground parking garages;
- rapid air exchange in production halls and industrial workshops;
- Operations at remote sites without electrical power or a water supply system;
- operational ventilation following a fire or a significant smoke release;
- support for rescue operations requiring high airflow capacity.

FAQ – TYPHOON 30H13 Positive Pressure Fan

Why choose a thermal fan for large spaces?

A thermal fan offers complete autonomy and immediately available power, without relying on an electrical outlet or a water supply. It is particularly well-suited for large buildings and remote sites.

Can this fan be used to ventilate a building from the outside?

Yes. It can be positioned outside facing an opening to blow a large volume of air into the building. Its location must be chosen carefully to prevent engine exhaust fumes from being drawn into the ventilation flow.

What is the advantage of the 30" size compared to the 18" or 21" sizes?

The 30" size allows for the movement of a significantly greater volume of air. With an airflow rate of 44,000 m³/h, the TYPHOON 30H13 is better suited for hangars, warehouses, parking garages, and large industrial buildings.

What are the main advantages for an industrial site?

This fan combines **very high airflow**, **energy self-sufficiency**, and **mobility on wheels**. It is a suitable solution for sites seeking powerful equipment that is independent of existing infrastructure and designed for use in large spaces.