18H5 Thermal Positive-Pressure Fan

The **TYPHOON 18H5 positive-pressure fan** is a high-performance solution designed for smoke extraction and rapid ventilation of buildings and hard-to-access spaces. Equipped with a **5 CH Honda GX160 internal combustion engine**, it operates completely independently, without relying on an electrical power supply or a water supply system.

Its compact design makes it particularly well-suited for operations requiring rapid deployment in homes, stairwells, narrow hallways, or utility rooms. Mobile, self-contained, and easy to position, it meets the needs of fire departments, emergency response teams, and industrial operators.

A premium solution for rapid response and narrow access points

Mounted on wheels, the **TYPHOON 18H5** can be quickly deployed in the field and easily positioned in front of a door, bay window, or ventilation opening. Its compact size makes it easy to use in environments where larger fans are difficult to move or install.

Its **18" / 457 mm** size, compliant with the **DIN 14963-TM** standard **—size class 1**—delivers a nominal airflow of **16,000 m³/h**. Depending on the installation conditions and the configuration of the opening, the actual airflow rate can reach up to **50,000 m³/h**.

A combustion engine for fully autonomous operation

Unlike an electric or hydraulic fan, this model has its own power source. Its Honda GX160 internal combustion engine allows it to operate at sites without an electrical outlet, a generator, or a suitable water supply.

Its air-cooled four-stroke engine delivers **5 CH** of power and is started using a manual recoil starter. Weighing **31 kg** and mounted on wheels, the fan remains highly maneuverable for rapid deployments and on-site movement.

Technical Specifications

Technical Specifications – TYPHOON 18H5 Positive Pressure Fan	
Product Type	Compact thermal positive-pressure fan
Model	TYPHOON 18H5
Power Source	Honda GX160 four-stroke, air-cooled engine
Engine Power	5 CH
Airflow	16,000 m³/h, up to 50,000 m³/h of effective airflow depending on operating conditions
Weight	31 kg
Nominal diameter	18" / 457 mm
Start-up	Manual starter
Specified standard	DIN 14963-TM – Size Class 1
Mobility	Wheel-mounted
Typical Applications	Rapid response operations, confined spaces, smoke extraction from buildings, and ventilation of spaces without power supply

Applications

- Smoke extraction from homes, residential buildings, and small structures.
- Operations in stairwells, hallways, and access points with limited width.
- Rapid ventilation of utility rooms and workshops without a power supply.
- Temporary air renewal following a fire or smoke release.
- Operations at isolated sites or those temporarily without power.
- Supplementary mobile equipment for fire and emergency vehicles.

FAQ – TYPHOON 18H5 Positive Pressure Fan

Why choose a compact thermal fan for rapid response operations?

A compact thermal fan can be deployed without an electrical power supply or hydraulic connection. It is particularly well-suited for emergency operations, hard-to-access buildings, and sites without an immediately available power source.

What is the difference between the TYPHOON 18H5 and the TYPHOON 30H13?

The TYPHOON 18H5 prioritizes compactness and portability for operations in residential buildings and narrow access points. The TYPHOON 30H13 is a higher-capacity model designed for hangars, warehouses, parking garages, and large-volume industrial buildings.

Is the 18" model suitable for stairwells and narrow passageways?

Yes. Its 18" diameter and compact chassis make it easy to maneuver in areas where space is limited. However, when using it, you must take into account the width of access points, obstacles, and handling conditions on-site.

What are the main advantages for an emergency response team?

This fan combines **energy autonomy**, **a compact design**, and **rapid deployment**. It is an ideal solution for teams seeking mobile equipment that is independent of on-site infrastructure and suited for routine smoke extraction operations.