

21H6.5 Thermal Positive-Pressure Fan



The **TYPHOON 21H6.5 positive-pressure fan** is a high-performance solution designed for smoke extraction and ventilation in medium-sized spaces. Equipped with a **6.5 CH Honda GX200 gasoline engine**, it operates completely independently, without relying on an electrical power supply or a water supply system.

Positioned between the compact size of the TYPHOON 18H5 and the high capacity of the TYPHOON 30H13, it offers a balanced compromise between airflow, mobility, and footprint. Versatile and rapidly deployable, it meets the needs of fire departments, industrial sites, commercial establishments, and specialized response teams.

A premium solution for ventilating medium-sized spaces

Mounted on wheels, the **TYPHOON 21H6.5** moves easily in the field and can be positioned in front of a door, bay window, or ventilation opening. It is suitable for smoke extraction in homes, retail spaces, workshops, utility rooms, and medium-sized buildings.

Its **21" / 533 mm** size, compliant with **DIN 14963-TM —size class 2—**delivers an airflow rate of **22,000 m³/h**, which can reach up to **63,500 m³/h in actual airflow** depending on positioning conditions and the configuration of the opening. Weighing **34 kg**, it remains easy to handle while offering greater ventilation capacity than an 18" compact model.

A combustion engine for fully autonomous operation

Unlike an electric or hydraulic fan, this model has its own power source. Its Honda GX200 internal combustion engine allows it to operate at sites without electrical outlets, generators, or a suitable water supply.

Its **6.5 CH** four-stroke engine, operating at **3,600 rpm**, is fueled by an integrated gasoline tank. The manual recoil starter eliminates the need for a battery, while the wheeled design makes it easy to move and set up during smoke extraction or temporary industrial ventilation operations.

Technical Specifications

Technical Specifications – TYPHOON 21H6.5 Positive Pressure Fan	
Product Type	Thermal positive-pressure fan
Model	TYPHOON 21H6.5
Engine	Honda GX200, four-stroke, air-cooled
Engine Power	6.5 CH
Engine Speed	3,600 rpm
Air flow	22,000 m³/h, up to 63,500 m³/h at actual flow rate
Weight	34 kg
Nominal diameter	21" / 533 mm
Start-up	Manual starter
Fuel	Gasoline, built-in tank
Connection	None, self-contained operation
Specified standard	DIN 14963-TM – Size Class 2
Mobility	Wheel-mounted
Typical applications	Smoke extraction from medium-sized spaces; ventilation of retail spaces, workshops, and technical rooms

Applications

- Smoke extraction from residential buildings, retail spaces, and medium-sized buildings.
- Temporary ventilation of workshops and industrial technical rooms.
- Air renewal following a fire or smoke release.
- Operations at sites without electrical or water supply.
- Occasional ventilation of warehouses, storage areas, and commercial spaces.
- A model that bridges the gap between the TYPHOON 18H5 and the TYPHOON 30H13.

FAQ – TYPHOON 21H6.5 Positive Pressure Fan

When should you choose the TYPHOON 21H6.5 over the TYPHOON 18H5 or the TYPHOON 30H13?

The TYPHOON 21H6.5 delivers a higher airflow than the compact 18H5 model while remaining lighter and more portable than the TYPHOON 30H13. It is particularly well-suited for medium-sized spaces that do not require the power of a 30" fan.

Is this fan suitable for prolonged indoor use?

Like any thermal fan, its use must take exhaust emissions into account. It can be positioned outdoors facing an opening, but for prolonged ventilation directly into an indoor space, an electric model is generally more suitable.

Does its 34 kg weight allow for quick setup?

Yes. Its wheeled design makes it easy to move across suitable surfaces and position it facing the area to be ventilated. However, you'll need to plan ahead when dealing with stairs, uneven floors, or obstacles.

What maintenance does the Honda GX200 engine require?

Periodic maintenance must be performed in accordance with the manufacturer's recommendations. This includes, in particular, checking the oil level, changing the oil, maintaining the air filter, inspecting the spark plug, and performing a general check of the fuel system.

What are the main advantages for a field service operation or an industrial site?

This fan combines **high airflow**, **complete energy autonomy**, and **a compact design**. It is a versatile solution for users seeking more power than a compact model can provide, without having to switch to a high-capacity thermal fan.