

30Ex5.5 Electric Positive Pressure Fan



The **TYPHOON 30Ex5.5-FU positive-pressure fan** is an electric solution designed for powerful, controlled ventilation of large spaces at risk of explosive atmospheres. Its **5.5 kW** Ex-rated motor, combined with a variable-frequency drive, allows for smooth adjustment of the airflow up to **58,000 m³/h**.

As the highest-performance model in this line, it meets the needs of industrial halls, production facilities, warehouses, process areas, and technical installations requiring high air exchange rates. Its high capacity allows for rapid ventilation of large spaces while precisely adjusting power output to the specific requirements of the application.

A premium solution for ventilating large spaces

With a nominal diameter of **30" / 762 mm**, the TYPHOON 30Ex5.5-FU is designed for operations where ventilation capacity takes precedence over compactness. Its mobile frame, equipped with wheels and a handle, makes it easy to move and position despite its large size.

Its adjustable tilt range of **-20° to +50°** allows the airflow to be precisely directed toward a door, a service opening, or a specific area. This configuration makes it easy to adapt to the various layouts found on industrial sites.

Adjustable airflow up to 58,000 m³/h

The variable-frequency drive allows the fan speed to be adjusted gradually according to the volume to be ventilated and the desired air exchange rate. The unit can thus operate at reduced power for controlled ventilation or deliver its maximum airflow when intensive air circulation is required.

This flexibility makes it easier to control the airflow and avoids consistently drawing on the full available power. It also allows operation to be adapted to the dimensions of the openings and the specific constraints of each site.

Technical Specifications

Technical Specifications – TYPHOON 30Ex5.5-FU	
Product Type	Variable-speed electric positive-pressure fan
Model	TYPHOON 30Ex5.5-FU
Manufacturer Part Number	736-3000-55-Ex
Nominal diameter	30" / 762 mm
Motor	Three-phase Ex-rated electric motor
Motor power	5.5 kW
Airflow	Adjustable from 0 to 58,000 m³/h
Frequency	50 Hz
Motor speed	3,000 rpm
Marking	II 2G Ex h IIB T4 Gb X
Frequency converter	5.5 kW, stepless speed control with EX II (2) GD-certified safe shutdown
Drive protection	IP65
Motor protection	IP55
Cable length	15 m
Tilt	Adjustable from -20° to +50°
Fan weight	86 kg
Fan dimensions	900 × 890 × 550 mm
Mobility	Wheeled frame with carrying handle
Standard	DIN 14963-EM-ex
Dimensional class	Class 3

Applications

- Ventilation of industrial halls and classified warehouses.
- Air exchange in production units and process areas.
- Temporary ventilation of large technical facilities.
- Removal of contaminated air prior to maintenance operations.
- Operations at chemical, petrochemical, energy, or waste treatment facilities.
- Operations requiring higher power than the 18" and 21" models.

FAQ – TYPHOON 30Ex5.5-FU Fan

When should you choose the 30" model?

The TYPHOON 30Ex5.5-FU is recommended for large spaces requiring significant air exchange. With a maximum airflow of **58,000 m³/h**, it is primarily designed for large halls, warehouses, and extensive industrial facilities.

Can the airflow be reduced for smaller spaces?

Yes. The variable-frequency drive allows you to gradually adjust the fan speed and adapt its airflow to the size of the space as well as the specific requirements of the application.

Is the TYPHOON 30Ex5.5-FU easy to transport?

Weighing 86 kg, it requires organized handling. However, its chassis, equipped with wheels and a handle, makes it easy to move on suitable surfaces.

Can it be used in all areas?

Its use depends on the exact classification of the area, the gases or vapors present, and site procedures. The compatibility of the unit's labeling with the specific environment must be verified before any use.