

HT ROOF FANS



The new HTC high temperature roof fans for smoke extraction from buildings, industries and professional kitchen hoods are the best product which are energy efficient, has low sound levels and speed controllable to meet the desired ventilation needs. The roof fans are ErP compliant.

Critically and most importantly, the system operates automatically via smoke detection and includes pressure sensing equipment which modulates fan speed and pressure profiles ensuring forces on the lobby doors do not exceed acceptable levels.

The FläktGroup offering includes supply of all components relating to the system with installation an available option if requested by the customer.

HIGHTEMPERATURE (HT) ROOF FANS

- 1 and 3 phase option available
- Available in wide size range from 225 mm to 1000 mm
- Maximum fire rated at 400°C for 2 hours

FAST FACTS

- Volume flow rate up to 11 m³/s
- Static pressure up to 850 Pa
- 1 and 3 phase options available
- 50Hz version (60Hz only on request)
- Maximum fire rated temperature up to 400°C for 2 hours
- Continuous operating temperatures up to 110°C
- Energy efficient
- Low sound levels

PRODUCT DETAILS

The HTC roof fans can handle volume flow rates up to 11 m³/s and static pressure up to 850 Pa. These fans can discharge horizontally but using an accessory can convert it into vertical discharge. The fan cowl is made of seawater resistant aluminum and the backward curved centrifugal impeller is made of steel with self-cleaning system.

The roof fans can be fitted with a range of accessories like manual and gravity shutters, swing-out frames, vertical discharge sockets, etc.

The HTC high temperature roof fans should be used with a speed controller to meet the demand ventilation needs.

The fans are equipped with standard asynchronous motors of Class F insulation with IP55 protection.

