

# Typhoon

**Induction fan performance is rated in terms of the thrust developed by the fan, which is the product of the mass flow rate times the change in velocity, i.e. volume flow rate times the air density times the fan outlet velocity, and is measured in Newton.**

**Induction fans are only defined by their thrust (proportional to the airflow and to the outlet section). For each fan you can consider that the induction factor is plus/minus between 5 and 7 depending the configuration of the environment.**

For the different types and sizes of jet fans, we have then:

- 4130 m<sup>3</sup>/h ® ± 25000 to 30000 m<sup>3</sup>/h mixed by induction effect
- 7250 m<sup>3</sup>/h ® ± 43000 to 50000 m<sup>3</sup>/h mixed by induction effect
- 5950 m<sup>3</sup>/h ® ± 36000 to 42000 m<sup>3</sup>/h mixed by induction effect
- 9550 m<sup>3</sup>/h ® ± 57000 to 67000 m<sup>3</sup>/h mixed by induction effect



# Performance

## 1. Performance Thrust in Newton:

- TYPHOON 300 4/8 S - 111,0 N (with F300)
- TYPHOON 250 4/8 S - 55,3 N (with F300)

## 2. Performance Velocity in m/s

- TYPHOON 300 4/8 S - 30,0 m/s (with F300)
- TYPHOON 250 4/8 S - 26,9 m/s (with F300)

## 3. Volume in m<sup>3</sup>/s

- TYPHOON 300 4/8 S - 2,7 m<sup>3</sup>/s (with F300)
- TYPHOON 250 4/8 S - 1,5 m<sup>3</sup>/s (with F300)

## 4. Installed power in kW

- TYPHOON 300 4/8 S - 2,2/0,55 kW (with F300)
- TYPHOON 250 4.8 S - 1,2/0,3 kW (with F300)

## 5. I nominal maximum

- TYPHOON 300 4/8 S - 5,6 / 2 A (with F300)
- TYPHOON 250 4/8 S - 3,3 / 1,5 A (with F300)

## 6. Running current in A

- TYPHOON 300 4/8 S - 4,8 / 1,4 A (with F300)
- TYPHOON 250 4/8 S - 2,3 / 0,7 A (with F300)

## 7. LpA at 3 meter free field

- TYPHOON 300 4/8 S – 1400 rpm 71 dB(A)
- TYPHOON 300 4/8 S - 700 rpm 55 dB(A)
- TYPHOON 250 4/8 S – 1400 rpm 70 dB(A)
- TYPHOON 250 4/8 S – 700 rpm 53 dB(A)

## 8. Sizes (lxwxh)

- TYPHOON 300 4/8 S - 1907,5 x 1000 x 314 mm
- TYPHOON 250 4/8 S - 1584,4 x 830 x 257.5 mm