

## HASCONWING Q AXIAL FANS

Fixed pitch sickle profile axial impellers, diameters from 230 mm to 750 mm

### Product features

- sickle profile blades
- light aluminum alloy hub (size 6/8/10/14)
- 3/4/5/6/7/8/10/14 blades configurations
- right/left fixed setting angles – 20° to 50°
- clockwise/counter-clockwise rotation
- sucking/blowing air flow
- light, higher performances at low rpm and low noise

### Applications

- Compressors
- Ventilators
- Radiators
- Engine coolers
- Generators
- Lift trucks
- Agricultural sprayers
- Farms ventilation
- Earth moving machines
- Air conditioners
- Refrigeration units
- Rail applications

### Blade materials

Q blades are available in plastics, aluminum and ATEX materials to suit a variety of applications which require different temperatures and rotation speeds. Custom colors are available upon request.

Material	Description	Std. color	Op. temperature*
PP	Polypropylene (PP)	Yellow	-10°C to +80°C
PPG	Glass-reinforced Polypropylene (PP 30% glass)	Orange	-20°C to +85°C
PAG	Glass-reinforced Polyamide (PA6)	White	-40°C to +120°C
RYT	Ryton	Brown	-50°C to +200°C
PAA**	Antistatic Polyamide	Black	-40°C to +120°C
PAX**	Antistatic, Self-extinguishing PA	Black	-40°C to +120°C
PAM**	Antistatic, Self-extinguishing, Magnetically shielded PA	Black	-40°C to +120°C

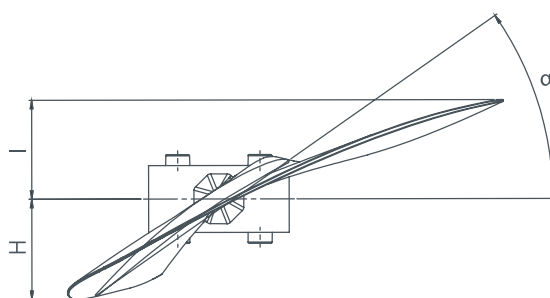
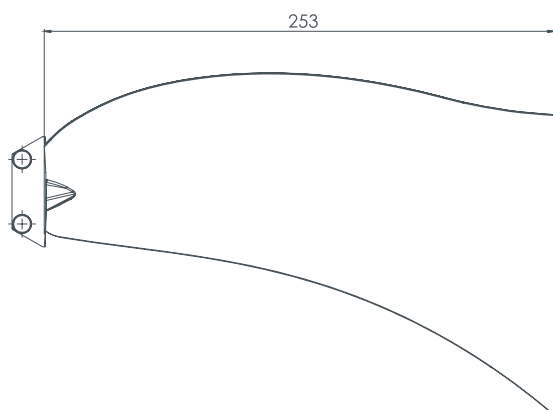
\* Contact technical dpt. for further info \*\* ATEX materials for hazardous environments

## Specifications and dimensions

Q fans are configurable with 3/4/5/6/7/8/10/14 blades, depending on the hub. Blades are available with right or left fixed-pitch setting angles ranging from 20° to 50°.

Blade	Hub	Hub Ø [mm]	MIN Ø [mm]	MAX Ø [mm]	Configurations
Q	6	96	230	602	6-6, 6-3
	8	134	270	640	8-8, 8-4
	10	172	310	680	10-10, 10-5
	14	242	500	750	14-14, 14-7

Dimensions by Angle							
$\alpha$	20°	25°	30°	35°	40°	45°	50°
H	10	19	29	38	48	57	66
l	24	29	34	39	44	48	52

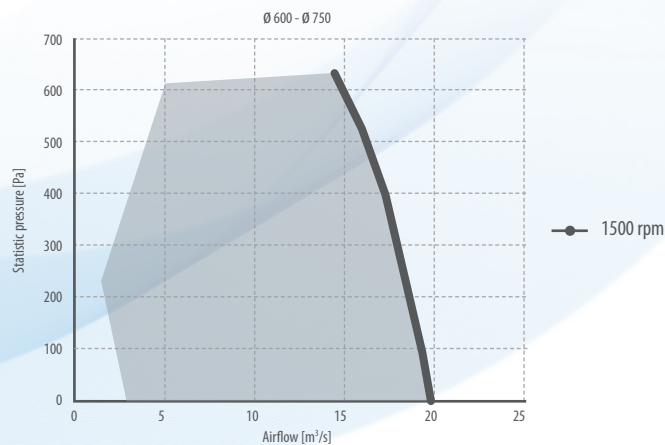
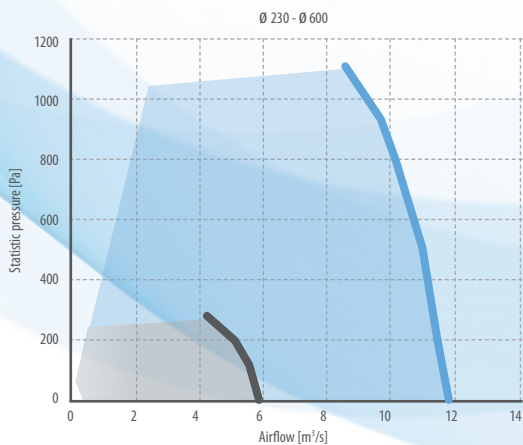


## Energy efficiency

All our fans have to go through thorough testing in AMCA 210 wind tunnels and are ready to meet the requirements of the EU Directive 2020 for energy efficiency. For further info contact our technical department.

## Performance diagrams

In order to select the best fans for your application and visualize their performance diagrams, please refer to Qualyfan selection software. To download Qualyfan, visit [hwventilation.it](http://hwventilation.it) or send email us at [info@hwventilation.it](mailto:info@hwventilation.it)



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