

HASCONWING TS AXIAL FANS

Fixed pitch airfoil profile axial fans, diameters from 230 mm to 906 mm

Product features

- airfoil profile blades
- light aluminum alloy hub (size 6/8/10/14/20)
- 2 blade models: G, D
- 3/4/5/6/7/8/10/14/20 blades configurations
- right/left fixed setting angles – 25° to 50°
- clockwise/counter-clockwise rotation
- sucking/blowing air flow
- light, efficient and low noise

Applications

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

Blade materials

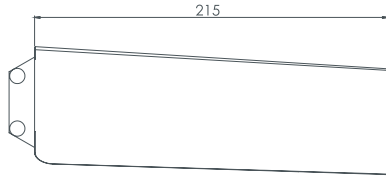
TS blades are available in plastics, aluminum and ATEX materials to suit a variety of applications which require different temperatures and rotation speeds. Custom colors are available upon request.

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
PAT***	Glass Reinforced Polyamide for Railway Applications	Black	-40°C to +120°C
PVDF	Foraflon (FDA certified)	White	-40°C to +120°C

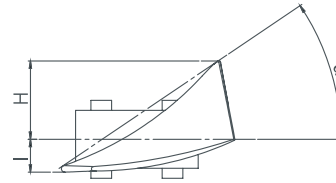
Specifications and dimensions

TS fans are configurable with 3/4/5/6/7/8/10/14/20 blades, depending on the hub. Blades are available in two versions: G, and D with right or left fixed setting angles ranging from 25° to 50°.

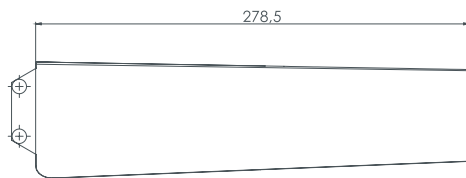
Blade	Hub	Hub Ø [mm]	MIN Ø [mm]	MAX Ø [mm]	Configurations
G	6	96	230	526	6-6, 6-3
	8	134	230	564	8-8, 8-4
	10	172	300	602	10-10, 10-5
	14	242	400	672	14-14, 14-7



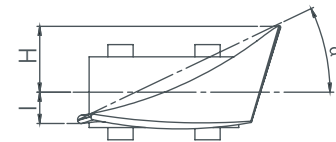
Dimensions by Angle						
α	25°	30°	35°	40°	45°	50°
H	27	32	37	41	45	48
l	12	13	15	16	18	19



Blade	Hub	Hub Ø [mm]	MIN Ø [mm]	MAX Ø [mm]	Configurations
D	6	96	230	654	6-6, 6-3
	8	134	230	692	8-8, 8-4
	10	172	300	730	10-10, 10-5
	14	242	400	800	14-14, 14-7
	20	348	600	906	20-20, 20-10



Dimensions by Angle						
α	25°	30°	35°	40°	45°	50°
H	27	31	35	38	40	42
l	13	15	18	20	22	23

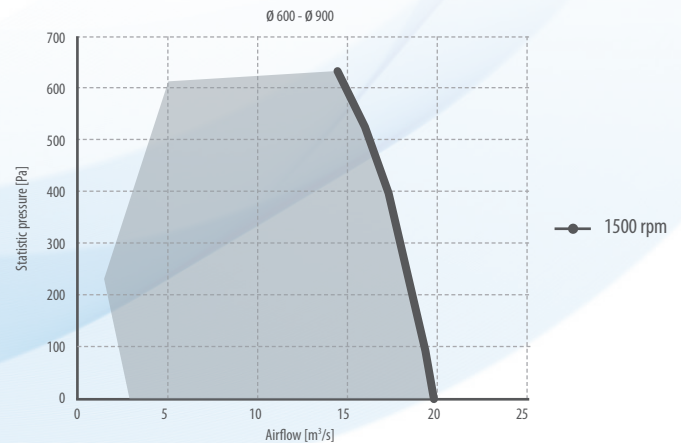
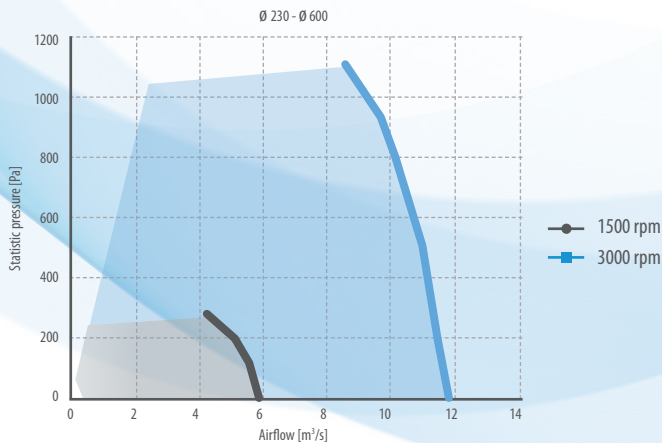


Energy efficiency

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 or send email us at info@hwventilation.it



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