



HASCONWING™ AXIAL FANS

Variable pitch airfoil profile axial impellers, diameters from 300 mm to 1270 mm

Product features

- airfoil profile blades
- light aluminum alloy hub (size 5/9/12/16)
- 2 blade models: N, V
- 3/4/5/6/8/9/12/16 blades configurations
- right/left variable setting angles - 20° to 50°
- clockwise/counter-clockwise rotation
- sucking/blowing air flow
- robust, efficient and low noise

Applications

- Compressors
- Industrial ventilators
- Radiators
- Engine coolers
- Generators
- Snow cannons
- Sprayers
- Hovercrafts
- Earth moving machines
- Ventilators for livestock
- Dryers and kilns
- Rail applications

Blade materials

TM 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*
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

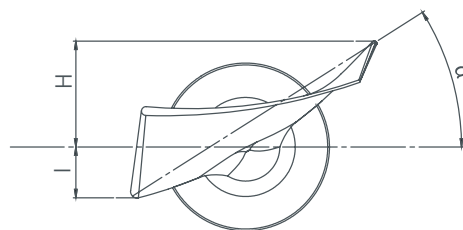
Specifications and dimensions

TM fans are configurable with 3/4/5/6/8/9/12/16 blades, depending on the hub. Blades are available in two versions: N, and V with right or left variable-pitch setting angles ranging from 20° to 50°.

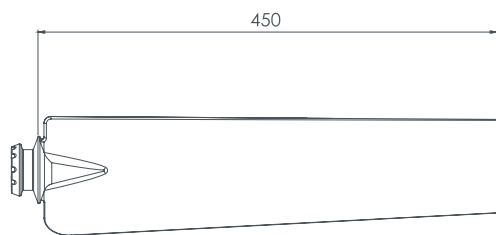
Blade	Hub	Hub Ø [mm]	MIN Ø [mm]	MAX Ø [mm]	Configurations
N	5	150	300	785	5-5
	9	200	410	832	9-9, 9-3
	12	280	450	913	12-12, 12-6, 12-4
	16	375	670	1010	16-16, 16-8



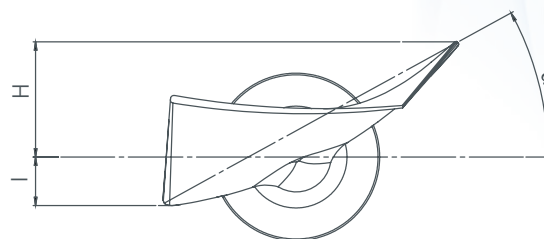
Dimensions by Angle								
α	20°	25°	30°	32,5°	35°	37,5°	40°	45°
H	31	35	39	42	44	46	47	52
I	11	15	18	20	22	23	25	29



Blade	Hub	Hub Ø [mm]	MIN Ø [mm]	MAX Ø [mm]	Configurations
V	5	150	450	1045	5-5
	9	200	570	1092	9-9, 9-3
	12	280	570	1173	12-12, 12-6, 12-3
	16	375	720	1270	16-16, 16-12, 16-8



Dimensions by Angle								
α	25°	30°	32,5°	35°	37,5°	40°	45°	50°
H	47	52	55	57	59	61	65	67
I	20	24	27	29	31	32	36	38

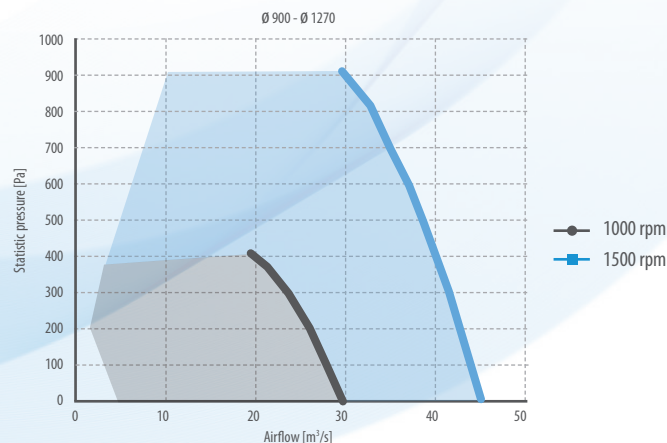
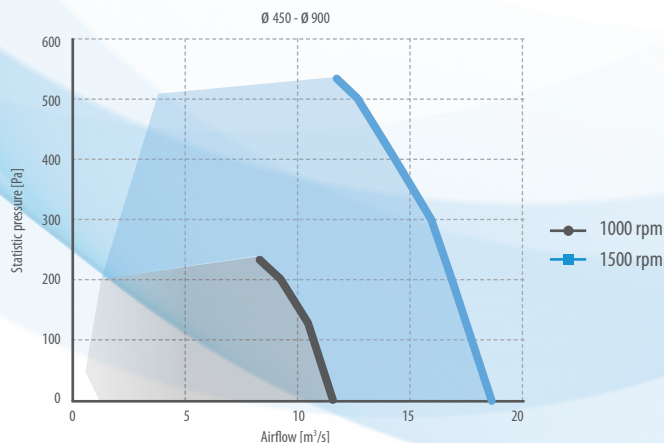


Energy efficiency

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 Qvalyfan selection software. To download Qvalyfan, visit hwventilation.it or send email us at info@hwventilation.it



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