



## HASCONWING F AXIAL FANS

Plastic sickle profile axial impellers, diameters from 300 mm to 1102 mm

### Product features

- slightly sickle profile blades
- light aluminum alloy hub (size 5/9/12/16)
- 3/4/5/6/8/9/12/16 blades configurations
- right/left variable setting angles – 25° to 50°
- clockwise/counter-clockwise rotation
- sucking/blowing air flow
- robust, efficient, higher performances at low rpm
- low noise signature

### Applications

- Industrial ventilators
- Compressors
- Sprayers
- Ventilation of livestock
- Snow cannons
- Dryers and kilns
- Cooling towers
- Hovercrafts
- Heat exchangers

### Blade materials

F blades are made of high-performance techno-polymers, 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

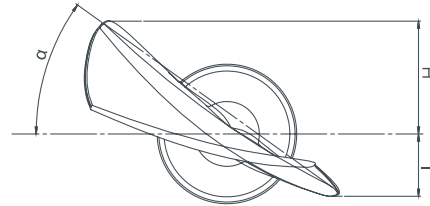
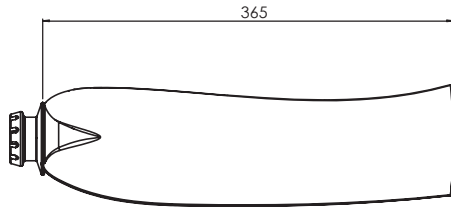
\* Contact technical dpt. for further info

## Specifications and dimensions

F fans are configurable with 3/4/5/6/8/9/12/16 blades, depending on the hub. Blades have right or left variable-pitch setting angles, ranging from 25° to 50°.

Blade	Hub	Hub Ø [mm]	MIN Ø [mm]	MAX Ø [mm]	Configurations
F	5	150	300	878	5-5
	9	200	410	924	9-9, 9-3
	12	280	450	1005	12-12, 12-6, 12-4
	16	375	670	1102	16-16, 16-8

Dimensions by Angle								
$\alpha$	25°	30°	32,5°	35°	37,5°	40°	45°	50°
H	35	40	43	45	47	49	53	57
l	19	23	24	26	28	30	33	37



## Energy efficiency

All our fans have to go through thorough testing in our AMCA 210 test chamber and meet the requirements of the EU Directive 2020 for energy efficiency. For further information contact our technical department.

## Performance diagrams

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

