



## Q AXIAL FANS

Fixed pitch sickle profile axial impellers, diameters from 9.06" to 29.53" [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 from 20° to 50°
- clockwise/counter-clockwise rotation
- sucking/blowing air flow
- light weight, higher performance at low rpm and lower 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 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	14°F to 185°F [-10°C to +85°C]
PPG	Glass-reinforced Polypropylene (PP 30% glass)	Orange	-4°F to 194°F [-20°C to +90°C]
PAG	Glass-reinforced Polyamide (PA6)	White	-40°F to 248°F [-40°C to +120°C]
RYT	Ryton	Brown	-4°F to 284°F [-20°C to +140°C]
PAA**	Antistatic Polyamide	Black	-4°F to 230°F [-20°C to +110°C]
PAX**	Antistatic, Self-extinguishing PA	Black	-4°F to 230°F [-20°C to +110°C]
PAM**	Antistatic, Self-extinguishing, Magnetically shielded PA	Black	14°F to 185°F [-10°C to +85°C]

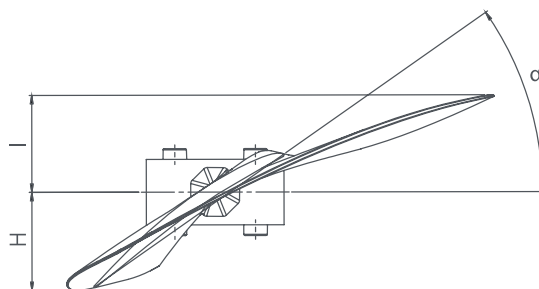
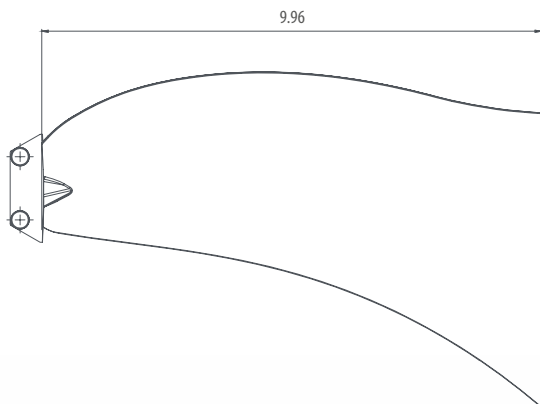
\* Contact technical dpt. for further info \*\* ATEX materials for hazardous environments

## 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 [in]	MIN Ø [in]	MAX Ø [in]	Configurations
Q	6	3.78	9.06	23.70	6-6, 6-3
	8	5.28	10.63	25.20	8-8, 8-4
	10	6.77	12.20	26.77	10-10, 10-5
	14	9.53	19.69	29.53	14-14, 14-7

Dimensions by Angle							
$\alpha$	20°	25°	30°	35°	40°	45°	50°
H [in]	0.39	0.75	1.14	1.50	1.89	2.24	2.60
I [in]	0.94	1.14	1.34	1.54	1.73	1.89	2.05



## Energy efficiency

All our fans are tested in our AMCA 210 test chamber and are ready to meet the requirements of the most stringent directives 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 Qqualyfan selection software. To download Qqualyfan, visit [hwventilation.us](http://hwventilation.us) or send an email to [info@hwventilation.us](mailto:info@hwventilation.us)

