



SR AXIAL FANS

Variable pitch sickle profile axial impellers, diameters from 21.65" to 43.31" [550 mm to 1100 mm]

Product features	Applications	
<ul style="list-style-type: none"> • sickle profile blades • light aluminum alloy hub (size 5/9/12/16) • 3/5/6/8 blades configurations • right variable setting angles from 20° to 37.5° • clockwise/counter-clockwise rotation • sucking/blowing air flow • robust, higher performances at low rpm and lower noise 	<ul style="list-style-type: none"> • Radiators • Engine cooling systems • Refrigeration and freezing • Heat exchangers • Generators 	<ul style="list-style-type: none"> • Industrial ventilators • Tractors • Earth-moving machines

Blade materials

SR blades are available in different types of plastics 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*
PAG	Glass-reinforced Polyamide (PA6)	White	-40°F to 248°F [-40°C to +120°C]
PAS	Glass-reinforced Polyamide (PA6)	Black	-40°F to 248°F [-40°C to +120°C]

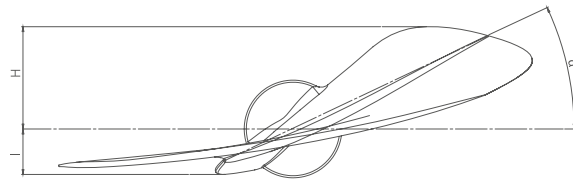
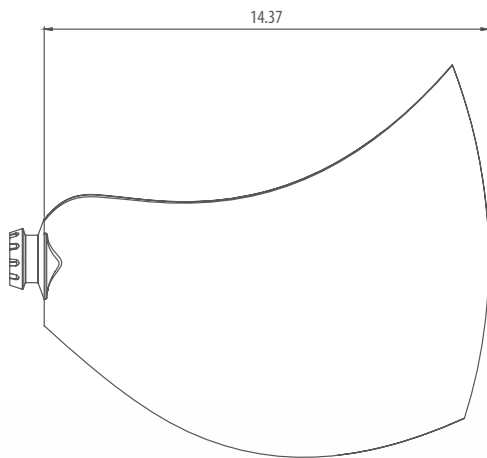
* Contact technical dpt. for further info

Specifications and dimensions

SR fans are configurable with 3/5/6/8 blades, depending on the hub. Blades are available with right variable setting angles ranging from 20° to 37.5°.

Blade	Hub	Hub Ø [in]	MIN Ø [in]	MAX Ø [in]	Configurations
SR	5	5.91	21.65	34.45	5-5
	9	7.87	22.44	36.30	9-3
	12	11.02	24.61	39.49	12-6
	16	14.76	25.59	43.31	16-8

Dimensions by Angle								
α	20°	22.5°	25°	27.5°	35°	32.5°	35°	37.5°
H [in]	2.40	2.52	2.76	2.91	3.11	3.27	3.46	3.62
l [in]	1.06	1.10	1.22	1.38	1.65	1.93	2.28	2.52



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 Quallyfan selection software. To download Quallyfan, visit hwventilation.us or send an email to info@hwventilation.us

