



HW Ventilation



C-ALU AXIAL IMPELLERS

Aluminum sickle profile axial impellers, diameters from 450 mm to 1282 mm

PRODUCT FEATURES

C-ALU impellers shape has been designed to produce higher airflow rates, while ensuring high efficiency and low noise emission levels. C-ALU impellers are thought to be employed in high-temperature and corrosive environments and are manufactured assembling airfoil profile blades made of aluminum, with a light aluminum alloy hub. The impellers are available in configurations with 5/9/12/16 blades. Blades are available in two models: regular (CL) and short (CL-S) blades, with left setting angles ranging from 25° to 50°. C-ALU fans can produce a sucking or blowing air flow.

APPLICATIONS

- Ventilators
- Radiators
- Generators
- Snow Cannons
- High Temperatures
- Dryers and kilns
- Tunnels
- Cooling Towers

BLADE MATERIALS

C-ALU blades are 100% made of aluminum, ensuring the best performances in high-temperature and corrosive environments.

MATERIAL	DESCRIPTION	STD. COLOR	OP. TEMPERATURE*
ALU	Aluminum	-	-80°C to +300°C**

*Contact technical dpt. for customized advice **tested against EN 12101-3:2002 standard by 3rd party lab

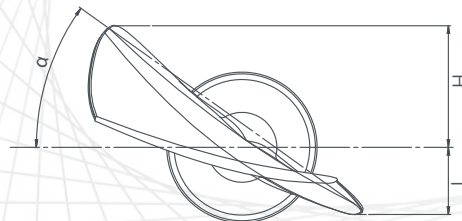
SPECIFICATIONS AND DIMENSIONS

C-ALU impellers are configurable with 5/9/12/16 blades. Blades are available in two models: regular (CL), and short (CL-S) with left setting angles ranging from 25° to 50°.

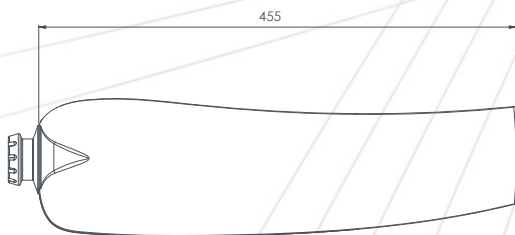
Blade	Hub	Hub Ø [mm]	MIN Ø [mm]	MAX Ø [mm]	Configurations
C-S	5	150	450	801	5-5
	9	200	570	848	9-9
	12	280	570	929	12-12, 12-6
	16	375	720	1026	16-16, 16-8



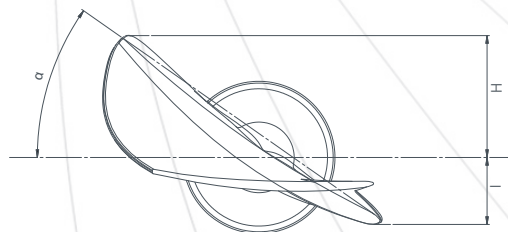
Dimensions by Angle								
α	25°	30°	32,5°	35°	37,5°	40°	45°	50°
H	42	47	50	52	55	57	61	65
l	20	24	27	29	31	33	37	40



Blade	Hub	Hub Ø [mm]	MIN Ø [mm]	MAX Ø [mm]	Configurations
C	5	150	450	1057	5-5
	9	200	570	1104	9-9, 9-3
	12	280	570	1185	12-12, 12-6, 12-4
	16	375	720	1282	16-16, 16-12, 16-8



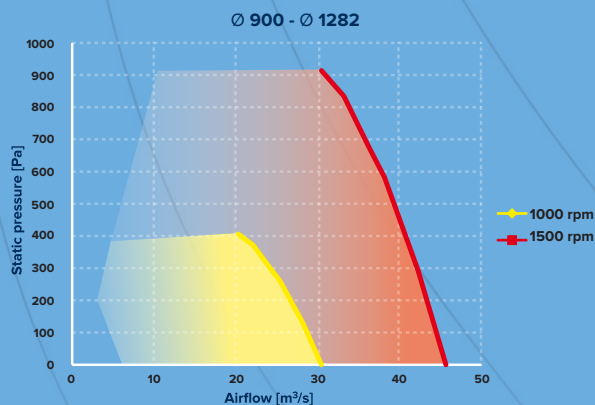
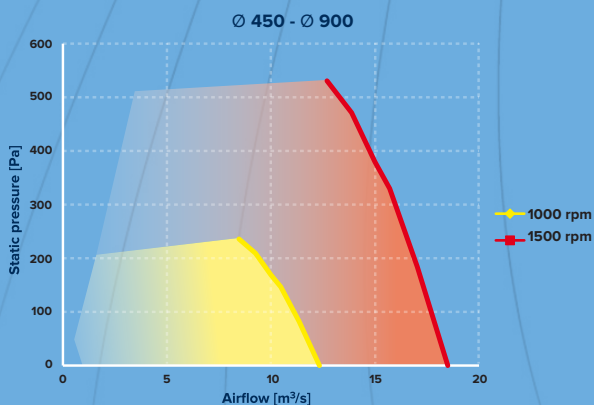
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ENERGY EFFICIENCY

Our fans have been tested in **AMCA 210/07** wind tunnel and comply with the requirements of EU Directive 2015 on Energy Efficiency for axial fans. For further info contact our technical department.

PERFORMANCE DIAGRAMS



HW Ventilation is distributed in India by:

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