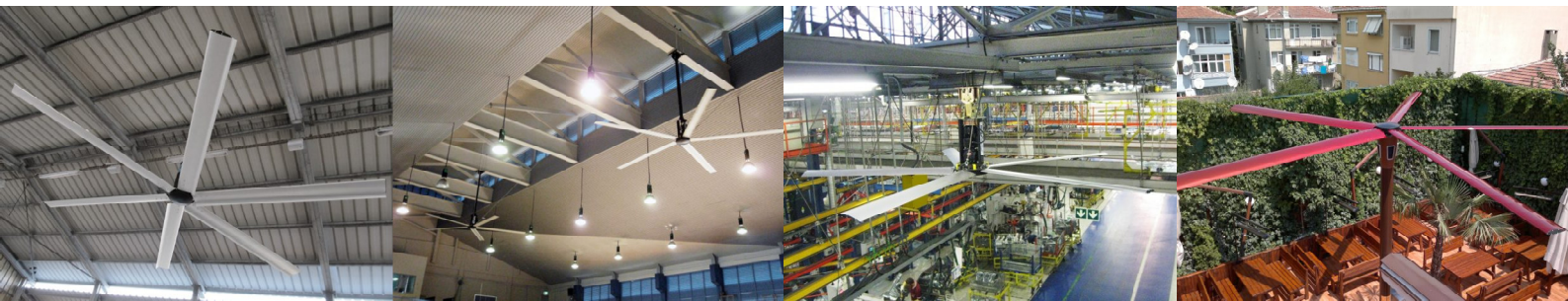


Patented Product



High Volume Low Speed Fans

- Permanent Magnet Silent Motor Option, < 45dBA
- 6 Blades, Fan Sizes up to 24ft (7.3m)
- Save Up to 30 % on Fuel Costs
- Summer Cooling - Winter Destratification
- Pole Application for Open Areas



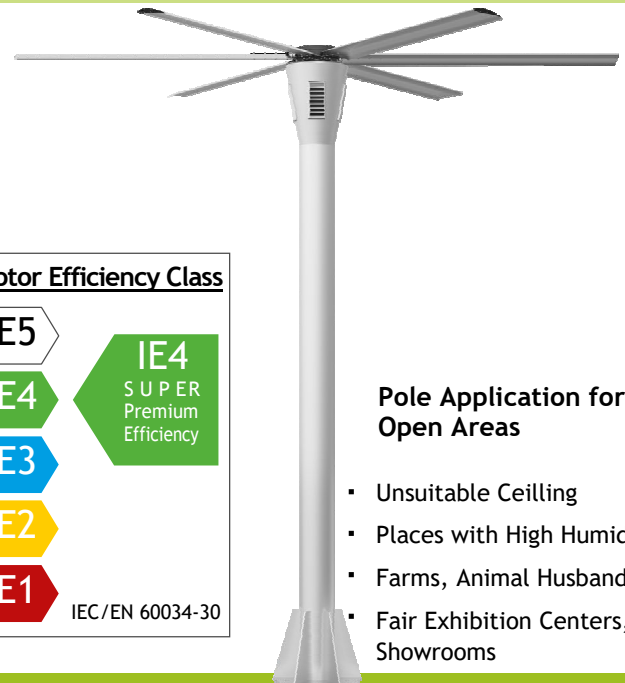
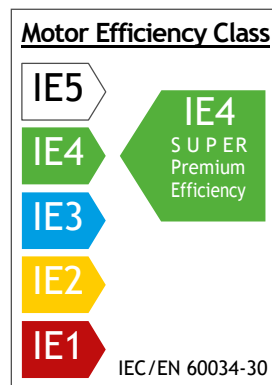
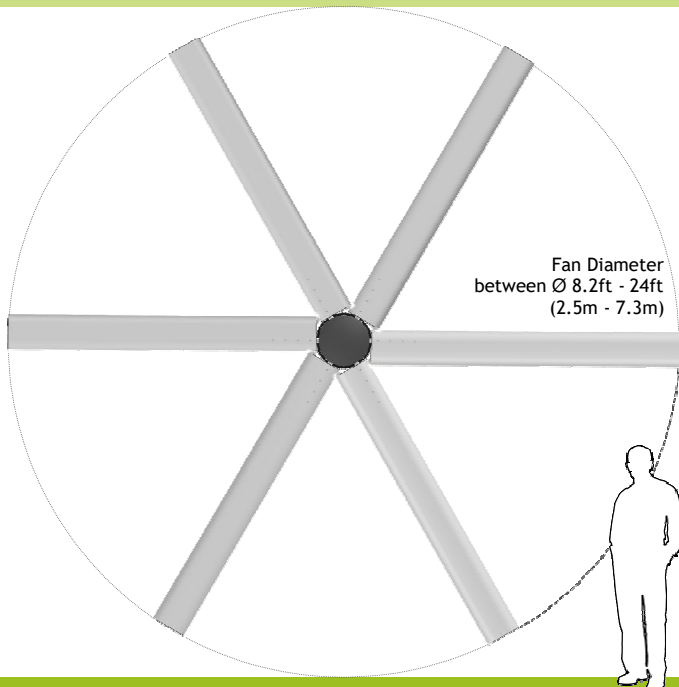
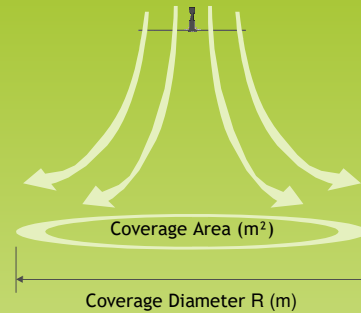
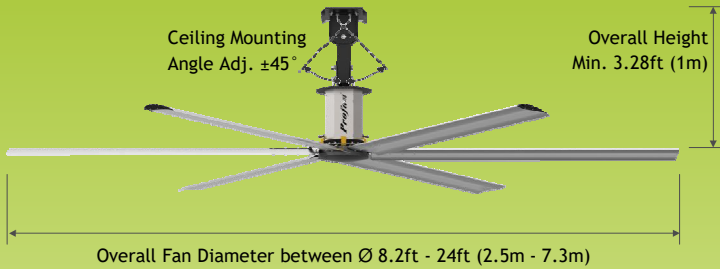
Benefits of Ceiling Fans

- Require lower cost for investment, installation and maintenance than traditional cooling methods.
- Cut energy consumption for heating. Provide eco-friendly and economic solutions.
- Assist in the removal of contaminant and heat.
- Help reduce condensation on floors and equipments.
- Work coordinated with high velocity fans and other air conditioning systems.
- Offer multi-fan control and adjustable fan speed.
- Offer silent operation. Supply winter destratification and summer cooling.

“ Reduce Energy Costs with High Volume Low Speed Fans “



Dimensions



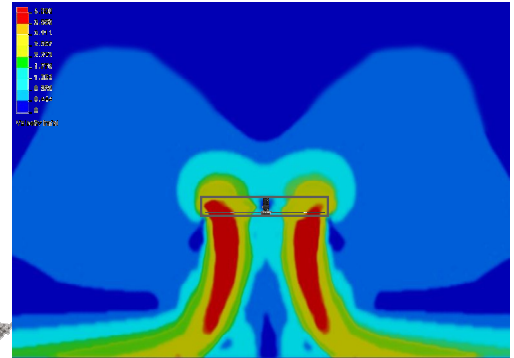
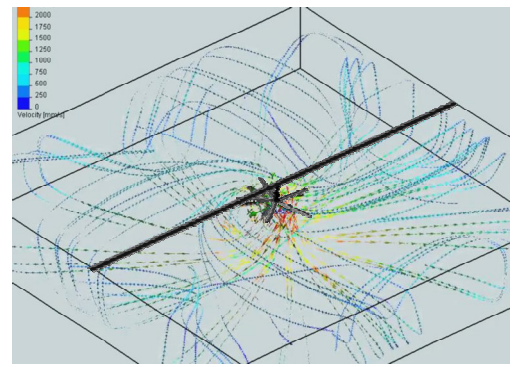
Pole Application for Open Areas

- Unsuitable Ceiling
- Places with High Humidity
- Farms, Animal Husbandry
- Fair Exhibition Centers, Showrooms



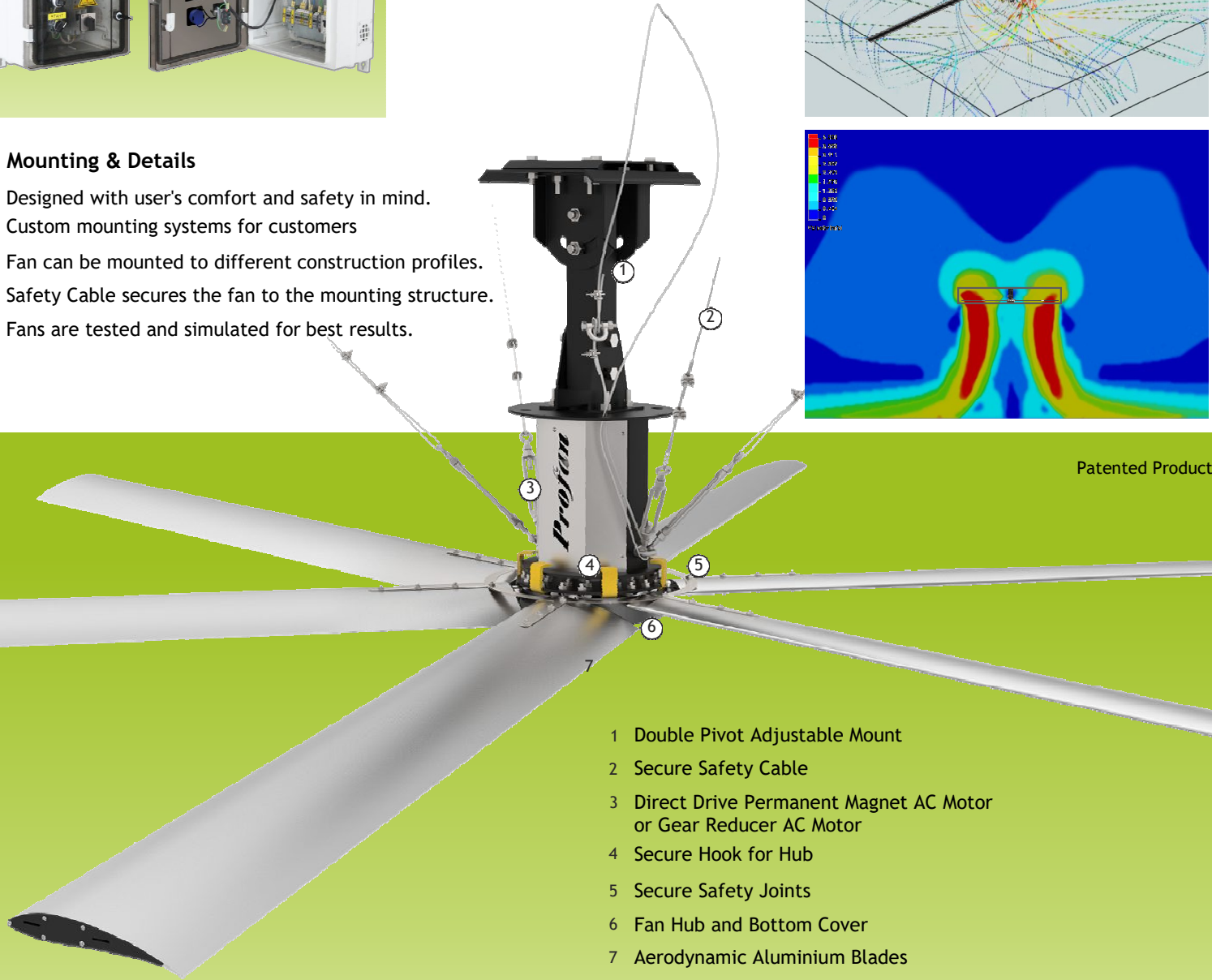
Fan Kontrol Panosu

- Speed Control Device(inverter)
- Operating Mode Selection
- External Ventilation and Thermostat



Mounting & Details

- Designed with user's comfort and safety in mind.
- Custom mounting systems for customers
- Fan can be mounted to different construction profiles.
- Safety Cable secures the fan to the mounting structure.
- Fans are tested and simulated for best results.



Patented Product

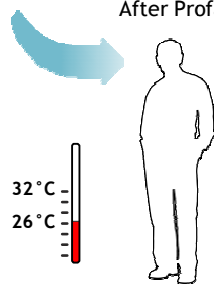
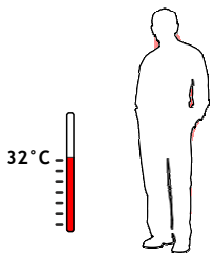
- 1 Double Pivot Adjustable Mount
- 2 Secure Safety Cable
- 3 Direct Drive Permanent Magnet AC Motor or Gear Reducer AC Motor
- 4 Secure Hook for Hub
- 5 Secure Safety Joints
- 6 Fan Hub and Bottom Cover
- 7 Aerodynamic Aluminium Blades

Summer Cooling



Before Profan

After Profan



Body conducts heat into the air layer

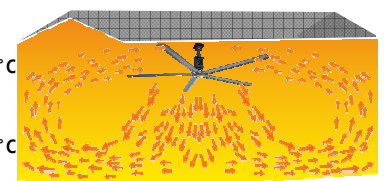
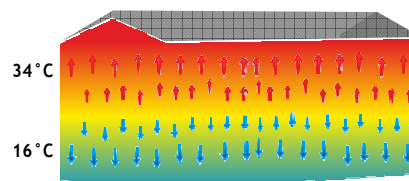
Cooling by air movement

Winter Destratification



Before Profan

After Profan



Heated air collects at ceiling

HVLS Fans Supply warm air destratification

- Require lower cost for investment, installation and maintenance than traditional cooling methods.
- Improve worker comfort, enhance productivity with minimum energy consumption.

- Cut energy consumption for heating. Provide eco-friendly and economic solutions.
- Bring heated air at the ceiling down to the floor. Supply warm air destratification.

Technical Specification (Permanent Magnet AC Motor)

Order Code	Fan Diameter Ø (mm)	Maximum Speed (Rpm)	Motor Power (KW)	Maximum Speed P. Consumption (KWh)	Torque (N.m)	Maximum Speed System Current (Amps)	Airflow (m³/s)	Coverage Area (m²)	Coverage Diameter R (m)	Weight (kg)
PROFAN P8	8ft (2.44m)	100	0.27	0.16	26	1.5	28	380	22	70
PROFAN P10	10ft (3.05m)	80	0.27	0.18	26	1.8	40	590	27	75
PROFAN P12	12ft (3.66m)	75	0.27	0.26	26	1.9	47	760	31	80
PROFAN P14	14ft (4.27m)	70	0.54	0.43	52	3.1	62	930	34	93
PROFAN P16	16ft (4.88m)	65	0.61	0.55	90	3.8	76	1130	38	108
PROFAN P18	18ft (5.49m)	65	0.82	0.63	120	3.8	86	1310	41	127
PROFAN P20	20ft (6.10m)	60	0.82	0.71	120	4.1	107	1490	44	134
PROFAN P22	22ft (6.71m)	60	1.16	0.92	170	5.5	132	1750	47	150
PROFAN P24	24ft (7.32m)	60	1.16	1.02	170	6.0	167	2050	51	155

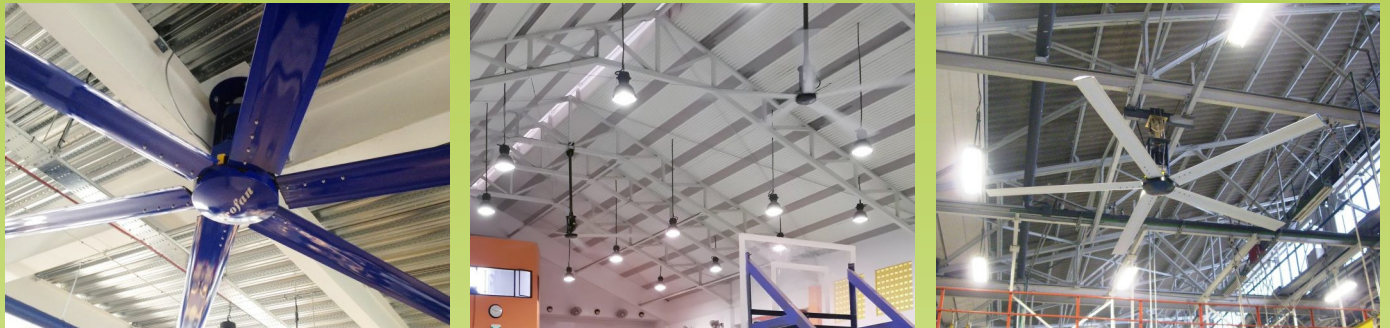
Technical Specification (Gear Reducer AC Motor)

Order Code	Fan Diameter Ø (mm)	Maximum Speed (Rpm)	Motor Power (KW)	Maximum Speed P. Consumption (KWh)	Maximum Speed System Current (Amps)	Airflow (m³/s)	Coverage Area (m²)	Coverage Diameter R (m)	Weight (kg)
PROFAN R8	8ft (2.44m)	94	1.1	0.6	4.05	26	370	22	88
PROFAN R10	10ft (3.05m)	94	1.1	0.7	4.2	44	615	28	93
PROFAN R12	12ft (3.66m)	94	1.1	0.85	4.6	53	810	32	98
PROFAN R14	14ft (4.27m)	61	1.5	0.9	5.05	60	895	34	113
PROFAN R16	16ft (4.88m)	61	1.5	1.0	5.3	74	1100	37	118
PROFAN R18	18ft (5.49m)	61	1.5	1.2	5.7	84	1280	40	123
PROFAN R20	20ft (6.10m)	65	2.2	1.9	8.7	109	1495	44	133
PROFAN R22	22ft (6.71m)	65	2.2	2	8.8	134	1760	47	138
PROFAN R24	24ft (7.32m)	65	2.2	2.1	8.9	169	2060	51	143

*Weight of fans change depending on the length and design of ceiling mounting brackets.

*Coverage area is affected by objects such as obstructing the airflow. (columns, walls, machines, furnitures...)

Recommended Applications



- Places Where Maximum Air Movement is Required (Farms, Animal Husbandry Facilities)
- Large Buildings with High Ceilings (Warehouses, Hangars, Industrial Facilities, Malls, Shopping Centers, Sports Halls)



- Intensively Used Areas Where People Come Together (Entertaining Centers, Cafeterias, Libraries, Museums, Theater, Opera, Concert Halls, Fair Exhibition Centers, Showrooms)



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