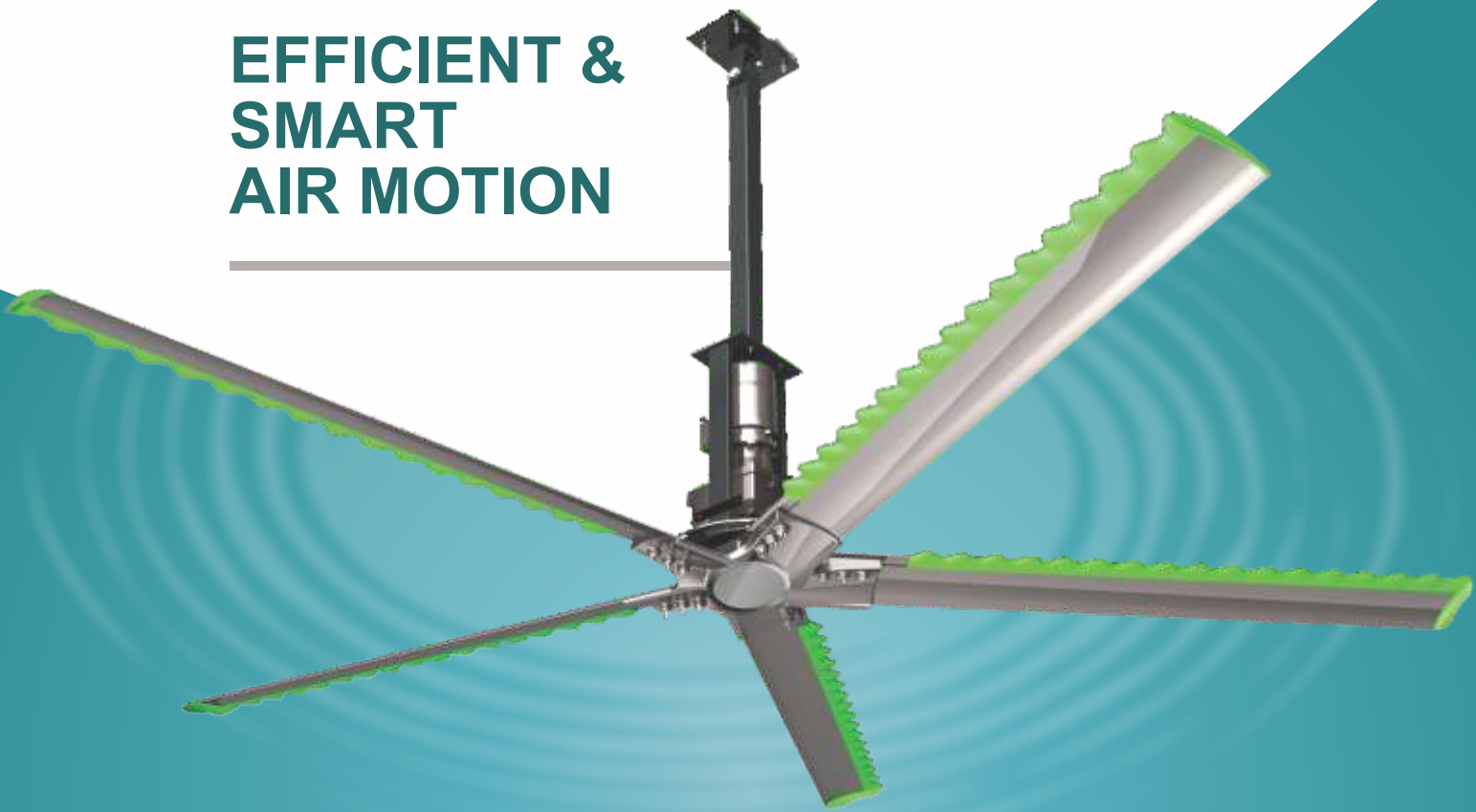




HVLS FANS

**EFFICIENT &
SMART
AIR MOTION**



ABOUT PROFLEX

Proflex, a division of M&B Engineering Ltd. and promoted by the M&B Group, delivers path-breaking innovations in Self Supported Steel Roofing. In the past 15 years, Proflex has installed more than 1 crore sq. mts. of Self Supported Steel Roofs through 5000+ projects. Proflex leads the curve by serving a wide spectrum of segments, namely Warehousing, Cement, Engineering, Rice Mills, Sugar Factories, Textiles, Manufacturing & Processing, Food & Beverages, Pharmaceutical & Chemicals and Railways amongst others. It is also the number one choice of Indian corporate, business owners and new-age entrepreneurs. Recently, Proflex launched its range of smart and efficient High Volume, Low Speed fans (HVLS) under the brand name- ProAir; delivering value-addition to its clients and strengthening its offerings.

ABOUT PROAIR

Proair - High Volume, Low Speed fans (HVLS) are a type of mechanical fans that are greater than 7 feet (2.1 m) in diameter. They move slowly, but distribute large amount of air and hence the name, HVLS. A good quality HVLS fan can reduce the temperature of the surrounding by 7-11 degrees. They don't just move air; they work smartly and efficiently to circulate air to positively impact the ambiance.

HVLS fans produce high volume, cylindrical column of air that flows straight down to the floor and outward in all directions. Hence they are apt for large spaces where they consistently circulate air. They are mainly used for industrial and commercial applications where air conditioning is either costly or impractical. Fans installed in spaces like Warehouses, Hangars and Distribution Centers can prevent heat stress, and increase employee comfort and productivity.

BENEFITS



Virtually Maintenance Free
(Recommended inspection every 20,000 hours)



Energy Efficient



Even and Consistent Temperature



Cool and Comfortable Work Environment



Quiet, Efficient Operation

**Inexpensive to operate | No expensive duct work | One 24 ft fan can cover up to 1,500 sq. mt.
Motor of Japanese make | Inverter of German make**

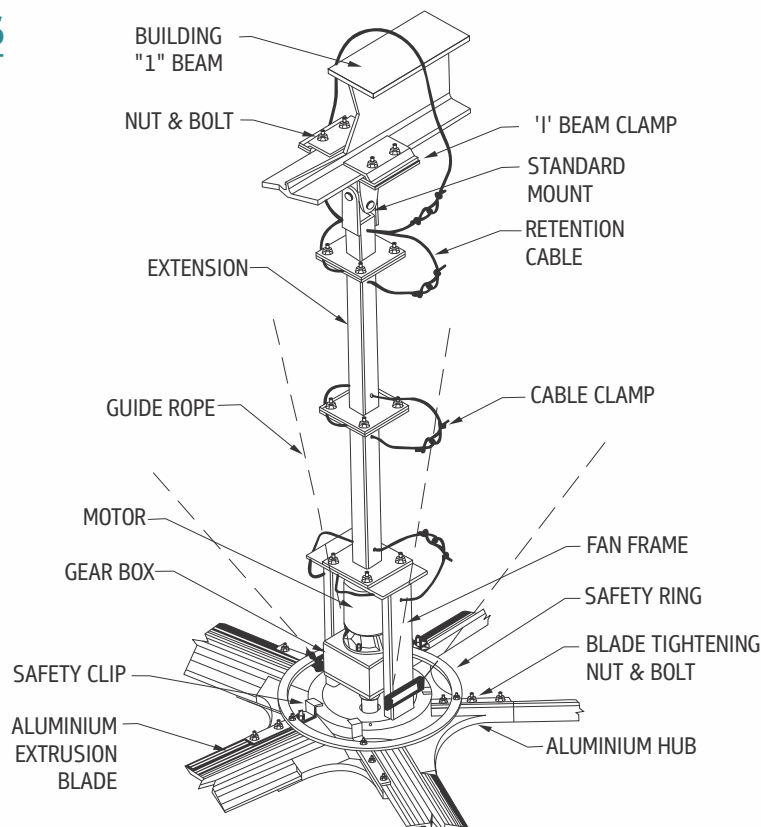
SAFETY FEATURES

RETENTION CABLE / SAFETY CABLE

They tie the mount, fan motor & gear box together to the building structure

GUY WIRE / GUIDE ROPE

These help prevent unnecessary swaying of the fan, and also the movement of the fan because of draft



SAFETY CLIPS

These are used to prevent the hub from falling

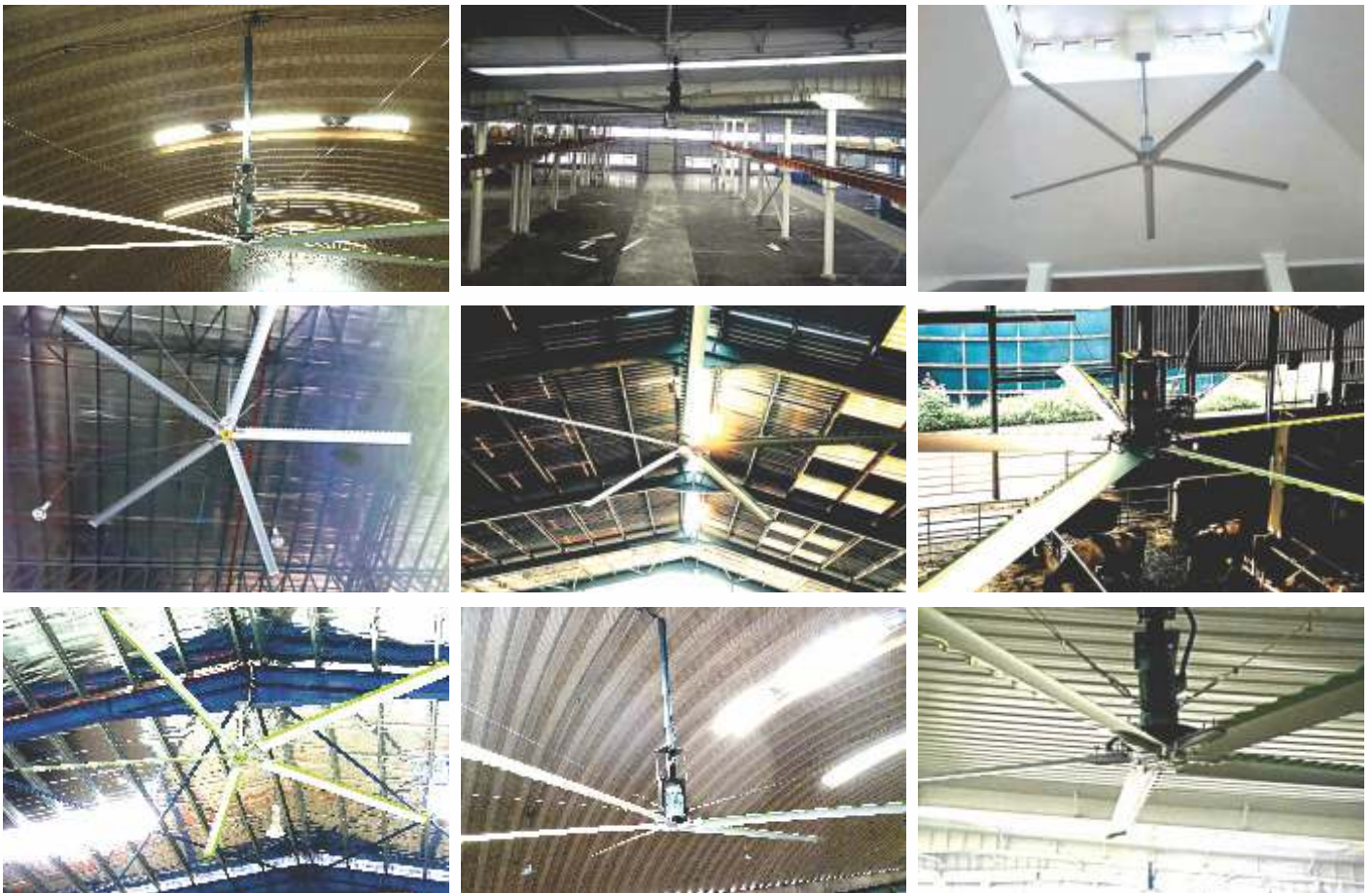
SAFETY RINGS

It holds the blade to the hub in case of any failure of hardware

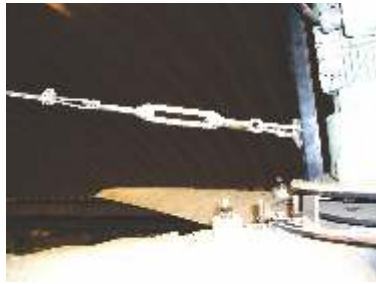
HVLS FANS SPECIFICATION

Size	Motor Power	Rated Voltage	Torque	Rated Speed	Air Volume (CFM)	Coverage Area (sq. mt.)	Max Effect Radius	Suggested Mounting Height	Dead - Weight	Noise	Electricity Consumption
7.3 m/ 24 ft	1.5 kw	220V/ 380 V	280 Nm	51 r/ min	437.471	1500	27 m	7-8 m	149.7 kg	64 dB	1.5 kw/ hour

APPLICATIONS



MANUFACTURING | PROCESSING | WAREHOUSING | FOOD & BEVERAGES | ENGINEERING
SUGAR MILLS | SPORTS COMPLEXES | DAIRY | PACKAGING | PLASTIC | AIRPORTS
AIRCRAFT HANGARS | LOGISTICS HUBS | AUTOMOBILE | DAIRIES | TEXTILE
EDUCATIONAL INSTITUTES | COMMUNITY HALLS | RAILWAYS



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