



**BRAYAN BHARAT**

**ENGINEERING & MANUFACTURING (Private Limited)**

**HVLS  
FANS**

**By BHARAT BRAYAN®**

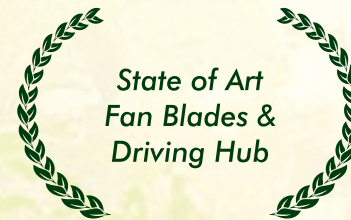
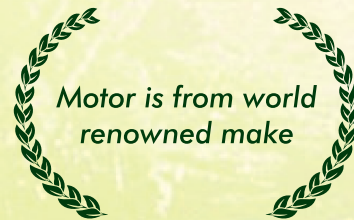
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# About Bharat Brayan Fans

We would like to introduce one of our new technology ventilation system HVLS (high volume low speed) Fan, which is more comfortable, efficient & exceptional power saving. HVLS industrial ceiling fans are ideal for large commercial buildings, manufacturing facilities, processing and assembly plants, warehouse, big box stores, large dairy/poultry sheds, sports arenas, aircraft hangars, airports or any other large indoor or outdoor Facility.

- Ultra-large coverage up to 20000 sqft for clear space
- All Directional natural wind system
- 12-15 years Service life
- Low noise when compared to traditional fan
- Fan power starts from 0.15Kw to 1.5kw and excellent energy saving
- Modern, Scientific, Dynamic and Safe
- Aesthetical, Artistic & free of Maintenance
- Reduction in operation expenditure
- Capex saving upto 50% on new ventilation system



## CERTIFICATIONS



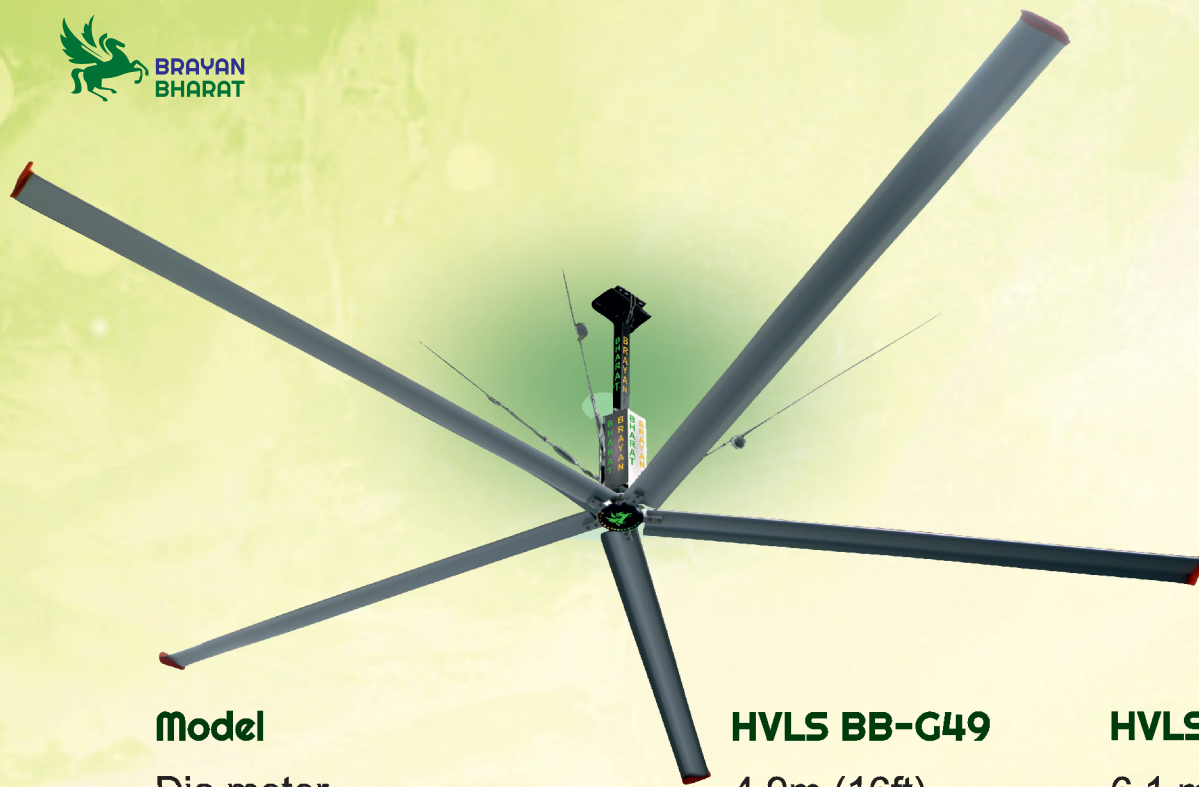
**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु एवं मध्यम उद्यम

OUR STRENGTH • हमारी शक्ति  
Ministry of MSME, Govt. of India



# **ECO BREEZE**

Industrial Power Saver Series



## **Model**

	<b>HVLS BB-G49</b>	<b>HVLS BB-G61</b>	<b>HVLS BB-G73</b>
Dia meter	4.9m (16ft)	6.1 m (20ft)	7.3 m (24ft)
Air Disp (@Max Speed)	675000 CMH	729000 CMH	783000 CMH
Max Speed	75RPM	65RPM	55RPM
Fan Weight	80kg	105 kg	120 kg
Motor Size	1.5kw	1.5kw	1.5kw
Full-Load Amps	2.4A/380v	3.5A/380v	3.5A/380v
Sound Level	<40 dBA	<40 dBA	<40 dBA

Factory Plant ❖ Logistics Warehouse  
 Dairy Farms ❖ Auditorium ❖ Distribution Center  
 Gymnasium ❖ Cold Storage ❖ Aerospace  
 Shopping malls ❖ Waiting Room ❖ Churches  
 Mosques ❖ Temples ❖ High Ceiling Area

**“Three Dimensional Natural Breeze”**

**“Super Big Coverage Area”**

**“High Performance”**

**“New Blade Fixed technology”**

NEW REVOLUTIONARY  
**PMSSM FANS**



<b>MODEL</b>	<b>HVLS BB-PM24</b>	<b>HVLS BB-PM36</b>	<b>HVLS BB-PM49</b>	<b>HVLS BB-PM61</b>	<b>HVLS BB-PM73</b>
Diameter	2.4m (08ft)	3.6m (12ft)	4.9m (16ft)	6.1m (20ft)	7.3m (24ft)
Max Air Volume	540000 CMH	663000 CMH	723000 CMH	786000 CMH	843600 CMH
Speed	10-140RPM	10-100RPM	10-70RPM	10-55RPM	10-55RPM
Fan Weight	32kg	45kg	55kg	75kg	80kg
Motor Power	0.5kw	0.6kw	0.8kw	1kw	1.2kw
Input Voltage	220V/1P	220V/1P	220V/1P	220V/1P	220V/1P
Full Load Current	2.2 A	2.7 A	3.6 A	4.5 A	5.4 A
Noise Level	<40 dBA	<40 dBA	<40 dBA	<40 dBA	<40 dBA

Warehouse ❖ Stadiums  
 Supermarket ❖ Auditorium ❖ Fitness Center  
 Amusement Park ❖ Restaurants ❖ Villa  
 Shopping Malls ❖ Museum ❖ Airports  
 Railways Station ❖ Workshop

**“Light Weight”**  
**“Free Maintenance”**  
**“More asthetical Look”**  
**“More Energy - Saving”**  
**“Super Silent”**

# DESIGNER FANS



## FEATURES

Colour: Matte Black

Blade: Aluminium, Matte Black 7 nos

Sweep: 1524 mm / 60 in | 1778 mm / 70 in |  
2032 mm / 80 in

Motor Spec: 180 x 17 mm DC

Fan Height: 503 mm / 19.8 in

Airflow: 14250 | 11220 | 12390 CFM

Remote Control Included



# SAFETY FEATURES & MEASURES



## 100% Safe Measures

1. Fasteners : All Fasteners are using high strength industrial bolts of 12.9 degree and the practical stress I t Could endure is above 10 times.
2. Steel wire traction : Every Steel wire has the strength of stress at 1000kg with joint being set up double protection will be set for every Connections.
3. Protective structure for fan main Body : safety ring, once accidents occur, the safety ring would protect any spare part from falling down. and the unique safety ring is provided for back-upsecurity for the motor for hub connection. Each hub “Blade arm” is connected to the safety Ring. Blade Connector use 6061 high strength aluminum and protect all blades again.
4. Blade retainer : reconnect all blades and chassis and form integral structure.
5. The I-type safety structure : to reconnect all the flabellum and the bottom head as an integrated structure. Once the accident occurs the frequency controlling system would automatically alarm and stop the operation.

# Our Clients



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HONDA CAR INDIA PVT LTD  
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CATERPILLAR INDIA PVT LTD  
MAHINDRA & MAHINDRA  
LUCAS TVS LTD  
ASJOK LEYLAND - DUBAI & CHENNAI  
WHIRLPOOL INDUSTRIES  
ALSTOM TRANSPORT INDIA PVT LTD - SRI CITY  
MADHEPURA ELECTRONIC LOCOMOTIVE PVT LTD  
RITTAL INDIA PVT LTD - BENGALURU  
AMPO VALAVES INDIA PVT LTD  
SIEGER SPIMTECH EQUIPMENTS PVT LTD  
WITTER INDIA LTD  
REVEL ELECTRONICS  
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CTR MANUFACTURING INDIA PVT LTD  
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INDIAN INSTITUTE OF TECHNOLOGY - TRICHY  
INDIO - TIBET FORCE - MADURAI  
NIT - TADEPALLIGUDEM  
SAC ENGINE COMPONENTS PRIVATE LIMITED  
AMARA RAJA INFRA PRIVATE LIMITED  
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FORCE INDIA - HARYANA  
RELIANCE TECHNOLOGIES LTD - SOLAPUR

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AAI - VSI AIRPORT - PORT BLAIR  
AAOI CARGO LOGISTICS & ALLIED SERVICES COMPANY  
AIR INDIA - CHENNAI  
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CONSUL NEOWATT  
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B.G. SHIRKE CONSTRUCTION INDIA PVT LTD  
SCIVIC ENGINEERING INDIA PVT LTD  
ROTARK CONTROLS INDIA PVT LTD  
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HOY FAMILY CHURCH - RAMANATHOOR KK DIST  
HAUNDE TEMPLE - ECR, CHENNAI  
CSI CHURCH - NEYOOR, NAGERCOIL  
CSI CHURCH - SAREL, NAGERCOIL  
OUR LADY OF ASSUMPTION CHURCH, KK DIST

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INDIAN OIL CORPORATION LTD - PRADIP  
MAINITEE INDIA  
SIECHEM TECHNOLOGIES INDIA PVT LTD  
YOUNG BRAND APPAREL  
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ZAMIL AIR CONDITIONING - SAUDI ARABIA & UAE  
PCA AUTOMOBILES INDIA PVT. LTD  
SPOORTHIDHAMA - AMBEDKAR MEMORIAL CENTER - BLR  
KARNATAKA VEERASAIVA VIDYABHIVRUDHI SAMSTHE  
PANCHAJANYA VIDHYA PEETHA WELFARE TRUST - BLR  
CENTURY CLUB - BENGALURU  
RR PRECISION INDIA PVT LTD  
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AKS GROUP - BENGALURU  
BANGALORE TURF CULB - BENGALURU  
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SUSHIL HARI INTERNATIONAL SCHOOL - CHENNAI  
ABES ENGINEERING COLLEGE - GHAZIBAD, UP  
VISHWA BHARATHI PUBLIC SCHOOL - NOIDA  
KINGS ENGINEERING COLLEGE - CHENNAI  
KCG COLLEGE OF TECHNOLOGY - CHENNAI  
NELLA NADAR MATRIC HR. SEC. SCHOOL - CHENNAI

**We're so incredibly thankful for our Clients**



# BRAYAN BHARAT

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