

Brick Dock Fans

Product Highlights

Heavy Caliber Axial Fan + wind Deflector

φ400mm axial fan
special designed wind deflector
jet stream reach over 19.5 m in open area.
Ventilation and cooling for long trailer in summer

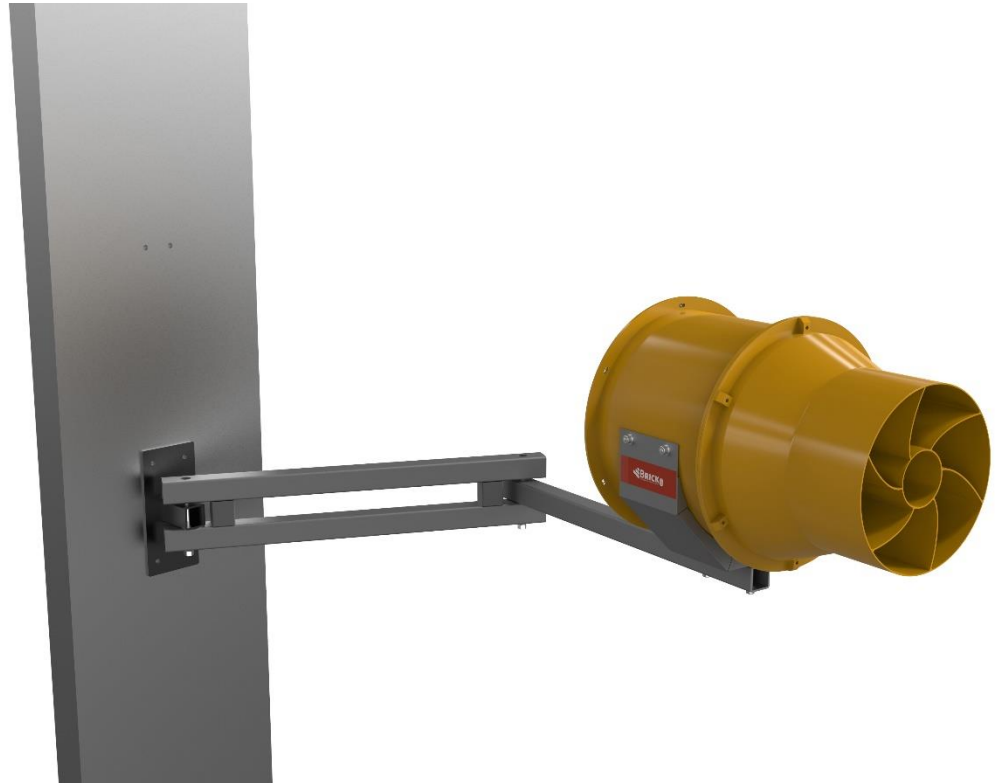
BLDC Motor, 3200 rpm

Optimized blade for long jet stream reach.

Option for LED Lights

Option for cooling system

Option for wall or roof Installation kits



Spec./Model/Param/Contig.

Items	Detail Descriptions
Model: BRK-DF1.1	Jet stream reach: 19.5m in open area
Axial Fan Diameters: mm	400 mm
Max. rpm	3000
Air Circulating: m ³ /h	8000
Motor	0.35 kw / BLDC motor
Power parameters	220V/1P, 50-60 Hz
Control Panel	BRK Custom-made, 5 speed regulations
Fan Mesh	Comply with international safety standard
LED lights and cooling system option	



Original and Initial Technology!

AI-Pc Complex Blade and Blade Interconnect Grille for HVLS Fans!

Superiorities of AI-Pc Complex Blade

- Plastic material needs lower melting temperature in extruding process, consume less energy.
- reduce 40% in weight compare to aluminum blade, save driven power, cut down skeleton load and minimize metal fatigue, prolong service life.
- Two materials compose blade, plastic contour and aluminum skeleton, the blade will not resonate. Most of broken blades were caused by metal fatigue at root position.
- No resonance plus lightweight will generate higher rpm, faster ground airflow and larger extend reach by equivalent power.
- Easy clean, no water stain left after water clean.
- blade color optional for long term buyers or large order.
- Blade Interconnect Grille will prevent blade from free fall, which substantially upgrade the Safety and reliability criteria in industry.

Nylon cord of Grille is light and easy to knit, decrease the load and Installation time.

Reliability and quality of AI-Pc complex Blade

- Main ingredient of blade contour is polycarbonate (PC), it is an engineering plastic of high performance-price ratio.
- PC is widely applied in mechanical and optics industry since its outstanding features in mechanical, heat-resisting, and anti-aging. such as glass window on aircraft, gear and crank axle on machine etc.
- Service life of PC is over ten years in interior application.
- The skeleton undertakes strength and rigidity of blade on radial. it made of extrude aluminum, exactly same with aluminum blade. Compared with the latter, Curve down phenomenon on blade will ease in years application as skeleton bear less load, cantilever load also declined. Working condition of skeleton is better than aluminum blade
- The blade strength of transverse section partly be undertaken by PC, 4 vertical stiffeners in inner cavity are set to ensure the contour no twisted, deformed or broken.
- Durability and reliability of AI-Pc Complex blade is superior to aluminum blade.

Brief Introduction to Brick

- First branded OEM manufacturer in industry, dedicated to R&D and manufacturing.
- Distributor and agent focus on site service, backed by Brick.
- Brick mission is to promote new technology and products, upgrade safety and reliability criteria substantially.
- Technologies such as AI-Pc Complex Blade + Blade Interconnect Grille + bilayer Motor rack + Skeleton Interconnect Ring for HVLS Ceiling Fans, and Segment Structure + Ladder Shaped Flank Grille for portable fans etc. they are all originally and initially invented by Brick, which innovatively improve or substantially resolve the existing problems, related to safety and reliability.
- Initially launch Concentrated or Broad Airflow Blade on portable and Pivot Fans
- Initially launch Dock Fans of jet stream for long trailer, first supplier in industry to focus on improvement of muggy environment inside container.
- All those innovative technologies have applied patents.

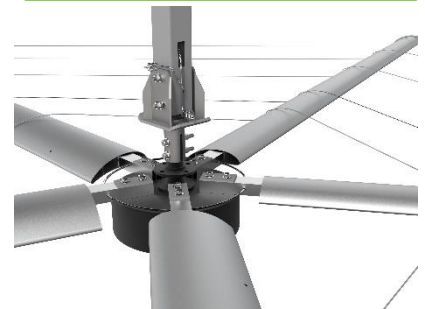
Distributor Information

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Other innovative products



HVLS Fans by Gear motor



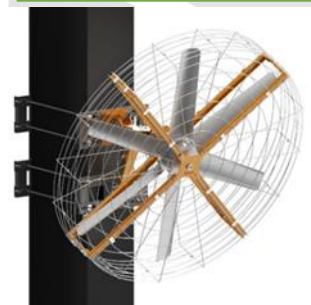
HVLS Fans by PMSM Motor



Portable Fans



Comm. Ceiling Fans



Dock Fans