HDB 系列

PERMANENT MAGNET VARIABLE FREQUENCY WALL FAN

永磁变频壁式风扇



适用的应用场合

APPLICABLE APPLICATIONS

壁式风扇是为解决不适合安装工业大吊扇的复杂环境而量身定制的，可用于一些由于顶棚结构、承重、行车等因素限制，导致工业大吊扇安装空间不理想的场所。在工业厂房、物流仓储、候车室、展览馆、体育馆、大型商场等高大空间场所，它是作为空间通风，人员降温的一种新型风扇。

The wall fan is customized to solve the complex environment that is not suitable for the installation of industrial large ceiling fans, and can be used for some factors such as ceiling structure, load bearing, crane, etc. Places where the installation space of industrial large ceiling fan is not ideal. It is a new type of fan for space ventilation and personnel cooling in industrial plant, logistics warehouse, waiting room, exhibition hall, gymnasium, large shopping mall and other large space places.



工业厂房
Industrial Plants



物流仓储
Logistics and Storage



健身房
Gymnasium



候车室
Waiting Room



食堂
Cafeteria



展览馆
Exhibition Halls



体育馆
Gymnasiums



大型商场超市
Large Shopping Malls

STOCKY™

HDB 系列

JUMBO INDUSTRIAL WALL MOUNT FAN SERIES



PERMANENT MAGNET VARIABLE FREQUENCY WALL FAN

永磁变频壁式风扇

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Scan For Enquiry

HDB 系列

PERMANENT MAGNET VARIABLE FREQUENCY WALL FAN

永磁变频壁式风扇



灵活的悬挂系统
FLEXIBLE SUSPENSION SYSTEM

可安装于钢结构立柱 / 混泥土墙体等多种场景，整机结构件采用高强度热轧板无缝焊接后，经过陶化工艺处理，再进行高压静电喷塑，具备抗腐蚀 / 抗震动 / 防坠落等特点，可多年无忧使用。

It can be installed in various scenarios such as steel structure columns/concrete walls. The structural components of the whole machine are seamlessly welded with high-strength hot-rolled plates, treated with ceramic technology, and then subjected to high-voltage electrostatic spraying. It has the characteristics of corrosion resistance, vibration resistance, and fall prevention, and can be used worry free for many years.

左右摇头功能
LEFT AND RIGHT SHAKING FUNCTION

风扇配有独立自动开关摇头功能，可左右 45° 摆动广角将气流投射到最大的使用区域。

The fan is equipped with an independent automatic switch shaking function, which can swing left and right at a wide angle of 45 degrees to project the airflow to the maximum usage area.



- 高效节能 Energy efficient
- IP55 防护标准 IP55 protection standard
- 安装便捷 Convenient installation
- 免维护 Maintenance-free
- 使用成本低 Low usage cost
- 超级静音 Super mute

华大 HDB 系列永磁变频壁式风扇是专为通风空间受限的厂房车间等场所而设计的新型工业风扇产品。采用自主设计的变频调速、高效节能永磁同步电机。具有噪音低、体积小、重量轻、外形美观等优点。

风扇采用独特的机翼型叶片设计，直径 0.9~2m，采用空气动力学原理和先进工艺制造，通过强大的空气搅动力形成的循环气流场，产生酷似大自然的微风系统，人体将会感受到来自四面八方的立体风，增大汗液蒸发面积，提升舒适度。同时避免使用传统高速风扇常年在定向风下，造成人体的各种健康问题，极大改善环境舒适度。HDB 系列壁式风扇可结合不同场合实际需求调节风量，风速在 1m-6.7m/s 范围内可调节。在开阔的空间，一台节能风扇最大送风距离长达 24m。

Huada HDB series permanent magnet variable frequency wall fan is a new type of industrial fan specially designed for factories and workshops with limited ventilation space. Adopt self-designed frequency conversion speed regulation, high efficiency and energy saving permanent magnet synchronous motor. It has the advantages of low noise, small volume, light weight and beautiful appearance.

Fans adopt a unique airfoil blade design with a diameter of 0.9-2m. It adopts the principle of aerodynamics and advanced technology to produce a natural breeze system through the circulating airflow field formed by the powerful air stirring force. The human body will feel the three-dimensional wind from all directions, increase the evaporation area of sweat and improve the comfort. At the same time, avoid using the traditional high-speed fan to cause various health problems of human body under directional wind all the year round, and greatly improve the environmental comfort. HDB series wall fan can be adjusted according to the actual demand of different occasions, the wind speed is 1m-6. Adjustable within 7m/s. In the open space, the maximum air supply distance of an energy-saving fan is up to 24m.

智能控制系统
SMART CONTROL SYSTEM

支持手机智能控制（可选）
Support mobile phone intelligent control(Optional)



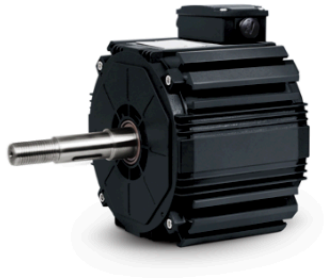


A FI110-HD02　　B 980S

- 控制系统：采用 IP54 防护等级、无惧外界油污、粉尘、湿气的干扰，VVC 控制技术调试简单、高适应性。
- 系统为无位置正旋波矢量控制，防电磁干扰、防辐射、体积小、重量轻、外观精美。
- 系统功能简单易懂，按键操作灵敏清晰。
- 系统自带过压、欠压、失压调节，电流、缺相、过载、碰撞、过热、雷击、异常等保护。
- 可定制智能控制方式：WLAN、蓝牙、4G、时间、PID、温控、集控。

- Control system: Adopting IP54 protection level, it is not afraid of external oil pollution, dust, and moisture interference. VVC control technology is easy to debug and highly adaptable.
- The system is a position free positive rotation wave vector control, which is resistant to electromagnetic interference, radiation, small in size, light in weight, and has a beautiful appearance.
- The system functions are simple and easy to understand, with sensitive and clear button operations.
- The system comes with overvoltage, undervoltage, and undervoltage regulation, as well as protection against current, phase loss, overload, collision, overheating, lightning strikes, and abnormalities.
- Customizable intelligent control methods: WLAN, Bluetooth, 4G, Time, PID, Temperature control and centralized control.

永磁同步电机
PERMANENT MAGNET SYNCHRONOUS MOTOR



1	转子无铜耗	No copper loss of rotor
2	效率高	High efficiency
3	功率因数大	High power factor
4	改善电网环境	Improve grid environment
5	调频宽 (0~100HZ)	FM width(0~100HZ)
6	体积小、重量轻	Small size and light weight
7	能效高（省电）	Energy efficient (Power saving)



扇叶 FAN BLADES

采用铝镁合金挤压成型，具有强度高、韧性好、重量轻、寿命长。

Adopting aluminum-magnesium alloy extrusion molding, with high strength, good toughness, light weight, long life.

技术参数 TECHNICAL DATA

STOCK CODE	电压 Voltage (V)	频率 Frequency (Hz)	电流 Current (A)	功率 Power (kW)	转速 Rotating Speed (r/min)	风速 Air speed (m/s)	风量 Air flow (m3/h)	噪音 Noise (dB)	送风距离 Air Supply distance (m)
HDB-090	240/380	50/60	2.3/1.2	0.55	870	6.8	16000	≤45	≤20
HDB-120	240/380	50/60	2.6/1.3	0.75	600	6.3	26000	≤45	≤20
HDB-200	240/380	50/60	3.6/1.8	1.0	300	6.1	70000	≤45	≤24