



什么是EC风机? What is EC Fan?

1、EC技术的风机，可通过外部的电路脉冲调制或0-10V的电压调节来实现风机的无级变速。

Variable speed control of EC fan can be realized/achieved via 0-10V speed adjustment and/or external circuit impulse modulation.

2、EC技术的风机通过180度正弦（SVPWM）矢量控制可实现智能的恒转速、恒转矩、恒流量控制，满足客户的智能需求。

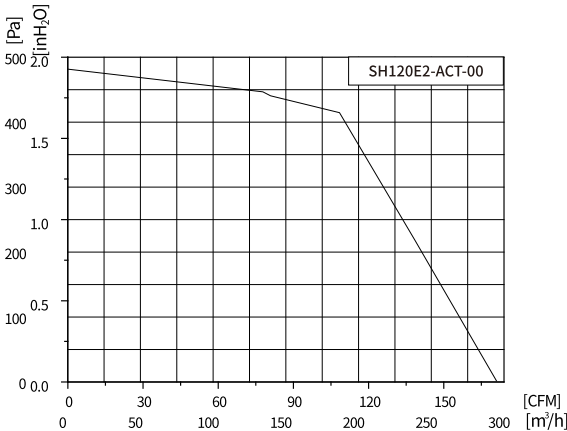
Constant torque, constant speed and constant airflow of EC fan can be fulfilled via 180° sine SVPWM(Space Vector PWM) to meet customer needs.

3、智能的EC风机可支持用户通过485总线实现集中运行控制和监控多达255台风机。
Intelligent EC fan can support users to realize centralized operation control by 485 bus and monitor as many as 255 fans.

4、采用EC技术的风机拥有全面的保护功能：如缺相、浪涌电压、过欠电压、堵转、过电流、温度保护等。
EC fan has comprehensive protection function, such as phase failure, overvoltage, undervoltage, locked-rotor, over current and temperature protection.



EC Centrifugal Blower Forward Curved single Inlet
EC单进风前向式离心风机φ120



Material: Scroll housing and impeller made of galvanized sheet steel
Type of protection: IP42
Bearing: Ball bearing
Technical features: Control input 0~10VDC/PWM, Tach output
Protection: Locked-rotor protection, Current limited, Under-voltage and over-voltage lockout protection, Soft start
Motor Insulation Class: F
Direction of rotation: Anticlockwise, see on the leads
Approvals: UL
Amb Temp: -25°C~+60°C

材料:蜗壳和风轮采用冷轧板制成
电机防护等级:IP42
轴承:滚珠轴承
电气性能:控制型号输入0-10VDC/PWM, 速度反馈信号
保护:堵转保护、限流保护、低电压和过电压停止运转保护, 软启动
绝缘等级:F级
转向:从引出线看为逆时针
产品符合的认证:UL
工作温度范围:-25°C~+60°C

Type	Motor	Voltage (VAC)	Frequency (Hz)	Airflow (m³/h)	Airflow (CFM)	Speed (rpm)	Power (W)	Current (A)	Noise Lp:dB(A)
SH120E2-ACT-00	DM055E2-ACT-03	1~115	50/60	290	170	2050	44.5	0.68	63

