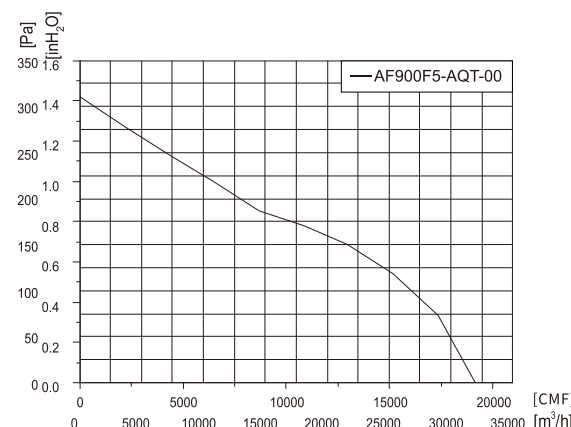
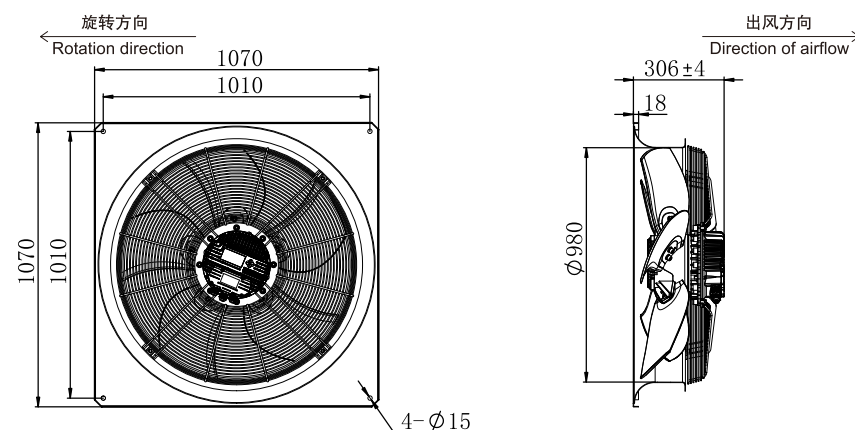




Material:
Fan guard : Steel, and coated in matt black
Inlet ring : Cold-roll sheet steel and coated in black or white plastic
Impeller : Completely made of aluminum metal
Rotor : Die-cast aluminium
Electronics enclosure : Die-cast aluminium
Number of blades : 5
Direction of rotation : Anticlockwise, seen on the leads.
Type of protection : Ip54
Mounting position : Shaft horizontal or rotor on bottom
Rotor on top on request
Operation mode : (S1)
Bearing : Ball bearing
Technical features: Control input 0~10VDC/PWM
Output 10VDC+10%, max.10mA Integrated PID controller
Tach output, Alarm relay RS485 MODBUS
Protection:
Line undervoltage, motor current limitatin
Locked-rotor protection, Soft start
Phase failure detection
Thermal protector
Motor Insulation Class: F
EMC : According to EN61000-6-3/2,EN61000-3-2/3
Approvals: CQC, CE, UKCA
Amb.Temp: -25°C~+60°C

材料:
网罩: 钢, 表面喷亚光黑
导风圈: 冷轧钢, 表面喷哑光黑或白
风轮: 采用铝合金铸造制成
转子: 压铸铝外壳
电气罩: 压铸铝
叶片数: 5
转向: 从引出线看为逆时针
电机防护等级: IP54
安装位置: 垂直于水平线2个方向
连续工作制: (S1)
轴承: 免维护, 滚珠轴承
电气特性:
控制信号输入 0~10VDC/PWM
一路辅助电源输出: 10VDC+10%, max.10mA
集成PID调节
速度反馈信号、报警信号继电器
RS485通信功能
保护: 限流、堵转和软启动、缺相保护和热保护
绝缘等级: F级
EMC: 符合EN61000-6-3/2, EN61000-3-2/3
产品符合的认证: CQC, CE, UKCA
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)
AF900F5-AQT-00	DM150F5-AQT-00	3~380-480	50/60	32500	19140	1020	2785	4.46	85



什么是DC风机? What is DC Fan?

1、DC无刷直流风机省去了励磁用的集电环和电刷，在结构上大大简化，不但改善了电机的工艺性，而且电机运行的机械可靠性大为增强，寿命增加。

Brushless DC fan saves the excitation of collector ring and brush, greatly simplifies the structure; Not only improved the technology of motor but also greatly enhance mechanical reliability of motor operation and increase the service life.

2、DC无刷直流风机采用了永磁体励磁，消除了感应电机励磁电流产生的损耗；实现了损耗小、效率高和特点。

Brushless DC fan use a permanent magnet excitation, eliminate the loss of induction motor excitation currents; realizing the small loss and high efficiency characteristics.

3、与感应电机的变频调速相比，DC无刷直流电机的调速控制不但简单，而且具有更好的调速性能。控制简单，可以基本实现良好的调速性。

Compared with the frequency control of induction motor, brushless DC motor is simpler and more controllable, easy to perform control.

4、逆变器等元器件容量低，电路较为简单，产品的成本低于EC风机。The components, such as inverters etc, whose capacity is low, and circuit are simpler. The cost is lower than EC blower's.

