

ENGLAON



Model Number 12VFAN

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Installation Video

Please read and understand all of the instructions before installing and operating. Improper use and service of this fan can cause serious damage. Keep this manual for future reference.



WARANING: For general ventilating use only, do not use to exhaust hazardous or explosive materials and vapors. Never use the fan in spaces which contain products such as gasoline, solvents, paint thinners, dust particles, volatile or airborne combustibles, or any unknown chemicals.

Safety Information

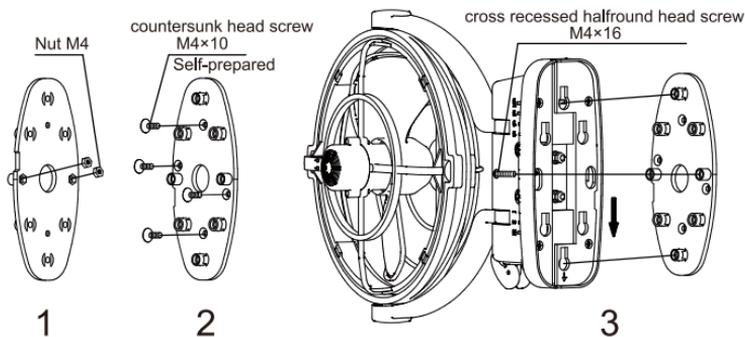
1. Do not to add any duct connecting with air inlet and outlet, or will cause fan damage.
2. To reduce the damage of electric components, do not expose the fan to water or rain or snow, be sure to use indoor.
3. Do not cover the fan when it working.

Installation and Assembly

1. Pre-embedded M4 nut in hexagonal groove on the back of fixing plate.
2. Fix the plate on the wall with countersunk screw.
3. To align the hole of lower cover plate on lower part of fan to cylindrical platform on fixing plate then drag down, next use the

screws on accessory bag to connect the fan with fixing plate.

4. Connect to power to use(note:for brushed motor 12V/24V versatiled, brushless motor is not).



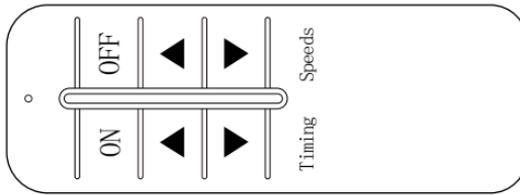
Operating

1. Remote-control and manual can be used.
2. Startup&Shutdown: Press“ON”, fan start to work in lower 1st speed; Press“OFF”, fan stop.
3. Timing:Press up and down button of“Timing”, fan will cycle work on 3h,6h,9h,12h and untimed state, corresponding indicator light is on at the same time.
4. Constant-speed: Press up and down button of “Constant-peed”, fan will cycle work on I(low speed), II(medium speed), III(high speed), corresponding indicator light is on at the same time.

Fan Safety Protection

1. High/Low voltage protection: the fan circuit board provides protection for high and low voltage. When the voltage is lower than 9V or higher than 29V, the fan stops working.
2. Locked rotor protection: in order to prevent motor heating, blocking more than 10 seconds, the indicator light flashing, fan shutdown; After the fault is rectified, need to restart the fan.

Remote-control Panel



Trouble Shooting Guide

Problem	Possible Cause	Corrective Action
Fan does not work	No power	Checking power and cord
	The battery of remote-control is out of power	Replace the battery
	Motor damaged	Replace new motor
	Circuit board damaged	Replace new circuit board