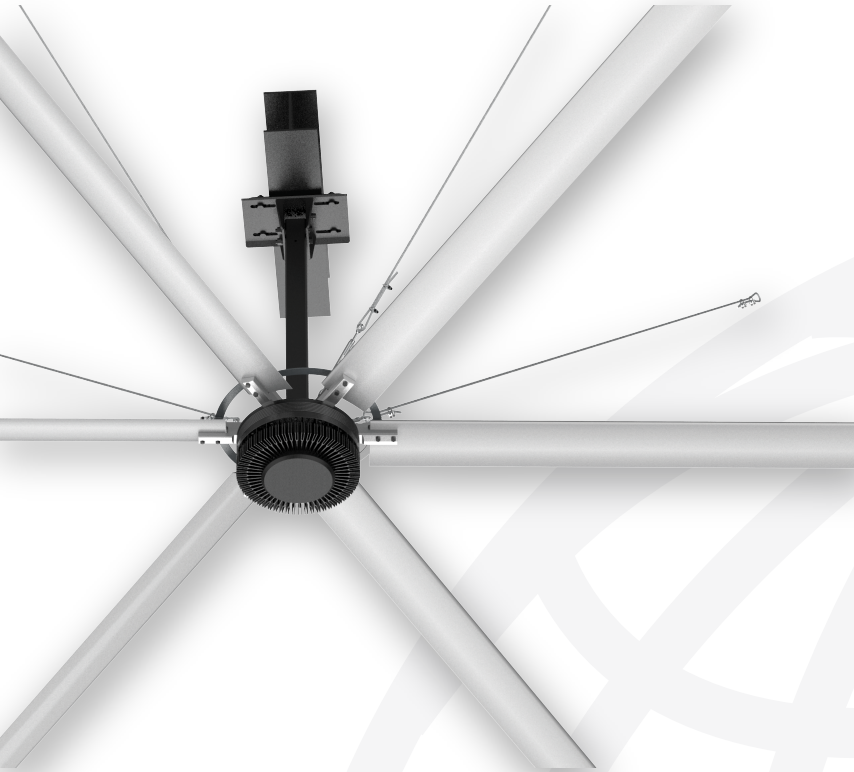




Gearless Series



An electromagnetic device that converts mechanical energy and electromagnetic energy into each other by a magnetic field generated by a permanent magnet. PMSM permanent magnet synchronous brushless direct drive motor has high control precision, high torque density and good torque stability.

BACKBONE gearless series use rare magnetic steel materials, unique industrial design, and perfectly solves the contradiction between power and heat. At present, compared with the earlier development of American technology, the power output exceeds 20%, the noise level is reduced by 15%, the maintenance free, power output stability, anti-interference ability, overall service life and other performance parameters even exceed several times.

- Low cost of maintenance
- Low noise
- Small size
- High efficiency



Technical Specification

Model No.	OM-PMSM-6E	OM-PMSM-7E
Fan Diameter	20ft (6.1 m)	24ft (7.3 m)
Air Volume (CMM)	13,200 m ³ /min	15,000 m ³ /min
Speed Range	10-60 RPM	10-55 RPM
Hanging Weight	115 kg	121 kg
Maximum Motor Power	1.1 Kw	1.5 Kw
Input Power	1P 220V 50Hz	1P 220V 50Hz
Insulation Class	IP55	IP55
Controler	VFD (Danfoss)	VFD (Danfoss)

