

MF-6

HVHS Mobile Fan

Puerto Rico Portable Air Conditioning
www.PuertoRicoPortableAC.com



- 6 Blade High Volume, High Speed Mobile Fan
- Available Diameters: 6.5'
- Pre-Assembled in a Steel Frame with OSHA Compliant Cage Protection
- High efficiency, High Torque BLDC (PMSM) Maintenance-Free Motor
- IP 55 Standard
- IEC/NEMA Class F Insulation
- Noise levels <40 dBA
- Equipped with Highly Durable Caster Wheels and Side Handles for Ease of Mobility
- Vertically Integrated Engineered and Manufactured Components



FEATURES

Airfoils — Our proprietary airfoils are engineered for delivering high-performance results with the lowest power consumption.

Blade Construction — Marine grade extruded anodized aluminum.

Motor — Features a high efficiency, high torque BLDC (PMSM) maintenance-free motor. The motor is IP55 rated, and Temperature Rise Class F insulated. Bearing L10 life of 100,000 hours as per ABMA standard.

Safety Features — Airfoil retainers, hub clips, steel guy cables, and shielded power cables. Optional BACnet/ MODBUS protocol for BMS and Fire relay Integrated Controllers.

Controller — Variable Speed Controller, IP55 Rated, with a maximum operating temperature of 140°F, 200-240 VAC, 50/60 Hz, 1Φ / 3Φ.

Efficiency — Highest CFM / Watt in the industry is achieved due to the high efficiency motors and engineered airfoil design.

Warranty — Standard 2 year warranty on all fan parts.

TECHNICAL SPECIFICATIONS

Number of Airfoils	6
Diameter	6.5 ft (2 m)
Air Volume	37,716 CFM
Input Power and Required Breaker	1 Φ , (110) VAC \pm 10%, 50 / 60 Hz
Full Load Current	3 A
Max Power at Full Speed	0.55 HP
Speed	220 RPM
Power	1.0 HP
Sound at Max Speed	40 dBA
Fan Weight	475 Lbs.
Motor	PMSM (BLDC), Direct Drive

PRODUCT DIMENSIONS

