



ENERSHIELD Air Barriers

Specializing in Energy Management Climate Control Systems

Energy Saving Technology

Manufacturing & Design

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Megashield MS-180 - Air Barrier Specifications

Maximum Velocity @ Nozzle 9900 fpm - Maximum/40,500cfm

Features: Cabinet insulated with sound absorbing fiberglass insulation with an acrylic anti-microbial coating, powder coated telescopic installation sliders c/w powder coated wall brackets, articulating discharge nozzle, 1 3/16" 1045 drive shaft precision ground steel, sealed and pre-greased pillow block ball bearings at drive end then every 3' along shaft length. Nozzle shall extend the full length of the unit and be equipped with 14 gauge steel powder coated Louvre adjustable +/- 20 degrees.

Includes: Lockable NEMA 1 Soft Start Control Panel with photo electric micro switch for automatic activation with door opening and closing, c/with 15 second off delay. Individual motor overload protection..

Motors: 1 at 25 hp 1800 RPM TEFC/belt drive/cast iron motors @ selected voltage, 3ph, IP55, VFD Compatible, Ball Bearing, Continuous Duty

Construction: The Air Barrier shall have cover sheeting to be of 20 gauge G.90 galvanized sheet metal fastened with self tapping screws and is siliconed to the base frame. The housing shall have powder coated telescopic installation sliders that vary 9" either side of unit. A set of powder coated wall mounting brackets made of 3/16 inch steel shall be supplied

Fans: galvanized double inlet/ forward curved/ scroll housed/ 1 3/16" bore/ 15 5/8" fan wheel every 3'.

Installation Height: Minimum 26 ft. Maximum 45 ft. (based on balanced air system)

Available Voltage: 208 / 460 / 575, 3 Phase 60Hz.

FLA: 25 hp 68.7 /31/25

Certification: Units are to be manufactured and certified by a CSA certified manufacturer with supporting documentation. **CWB** Certified.

Approx. Weight: 1,635 lbs / 743 kg

Decibel rating: Unit has a decibel reading of 97 db @10' from unit in open air with unit running at 1600 rpm