



## **ENERSHIELD AIR BARRIERS**

Specializing in Energy Management Climate Control Systems

### **Energy Saving Technology**

Manufacturing & Design

16813 A – 113 Avenue, Edmonton Alberta T5M 2X2

Phone (780) 482-4662 • Fax (780) 482-4074

Toll Free – 1-866-464-3667

[www.enershield.ca](http://www.enershield.ca)

## **Xtremeshield XS-300 - Air Barrier Specifications**

- 7500 fpm/59,600cfm

Features Cabinet insulated with sound absorbing fiberglass insulation with an acrylic anti-microbial coating, telescopic installation sliders that extend up to 9", 3/16" angle iron wall brackets, 6" full length articulating discharge nozzle adjustable +/- 20 degrees, diffuser is of welded 14 gauge mild steel, 1 3/16" 1045 drive shaft precision ground steel sealed and pre-greased pillow block ball bearings at drive end, then every 2' along shaft length. All components are and powder coated ASA 49. The Air Barrier is standard top air intake. Front intake available upon request.

Includes: Lockable NEMA 1 Soft Start Control Panel 0-7 sec ramp with photo electric micro switch for automatic activation with door opening and closing. ON/OFF keyed switch, programmable 15 sec off delay, individual motor overload protection.

Motors: 2 @ 20 hp 1800 RPM TEFC/belt drive/cast iron motors @ selected voltage, 3ph, IP55, VFD Compatible, Ball Bearing, Continuous Duty, T-256 Frame w double bolt slide base.

Construction: Welded 1/8" angle iron frame, clad with 20 gauge G.90 galvanized sheet metal fastened with self drilling screws and siliconed to the base frame. Frame is powder coated ASA 49.

Fans: Galvanized double inlet forward curved blower wheel with 1 3/16" inch bore c/w matched blower housing, 12 7/8" inch diameter. Fan wheels every 2 1/2' – 10'w = 4 fans.

Installation Height: Minimum 18'ft. Maximum 26'ft. (based on balanced air system)

Available Voltage: 208 / 230 / 460 / 575, 3 Phase. 60Hz.

FLA: 52 / 47 / 24 / 18.8

Average dB: Sound level 10 ft in front of the unit in free field is an average of 77-80 dB

Approx. Weight: 2,375 lbs/ 1,080 Kg

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