



# ENERSHIELD AIR BARRIERS

Specializing in Energy Management Climate Control Systems

## Energy Saving Technology

Manufacturing & Design

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### Air Barrier Specifications

For climate control up 26' high – Belt drive motors (3ph) – Cabinet (23 5/8" H x 22" W)

XTREME SHIELD	XS - 150	XS - 180	XS - 210	XS - 240	XS-270	XS - 300
Air Velocity (fpm)	7500	7500	7500	7500	7500	7500
Air Volume (cfm)	29,800	35,760	41,720	47,680	53,640	59,600
Motor(s)	1 @ 20	2 @ 15	2 @ 15	2 @ 15	2 @ 20	2 @ 20

### Xtremeshield (XS models)

**Enershield Xtremeshield Air Barrier**, 7500 fpm, (cfm and number of motors see above chart),

**Motors:** 15, 20 or 25 hp 1800 RPM TEFC/belt drive/cast iron motors @ selected voltage, 3ph, IP55, VFD Compatible

**Construction:** powder coated steel frame construction, galvanized exterior sheet metal.

**Fans:** Galvanized double inlet forward curved blower wheel with 1 3/16" bore c/w matched blower housing, 12 5/8" diameter. Fan wheel every 2 1/2'.

**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, 1 3/16" 1045 drive shaft precision ground steel, sealed and pre-greased pillow block ball bearings at drive end then every 2 1/2' 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 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.

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

Note: Model number indicates cabinet length in inches. Ex. XS-192 = 192 inch cabinet length.

Average decibel rating at a distance of 10' from the unit is 79 dB.

Weight of XS models is 95 lb per linear foot.