



AIR BARRIERS

# ENERSHIELD

ENERGY SAVING BARRIERS

CREATES UP TO A 90% SEAL ON OPEN DOORS USING FACILITY AIR



AIR BARRIERS

## Xtremeshield XS-360 - Air Barrier Specifications

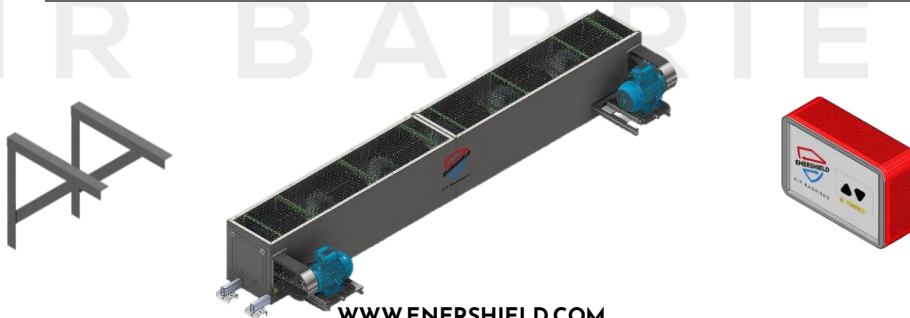
Enershield Air Barriers create an effective seal on the doorway. This is achieved by re-circulating the facility air in a laminar (smooth) flow across an open doorway. In addition, the kinetic energy within the moving air generates a barrier preventing leakage of air between two areas with different pressure and climate.

**Features:** The unit is powder coated 3mm steel box section frame construction, with 0.9mm sheet metal jacket, lined with closed cell acoustic insulation with antimicrobial and fire-resistant coating. Unit is available with optional RAL painting and stainless steel. The unit is manufactured as a single module with equal placement of blowers. Air barrier is provided with powder coated wall brackets and telescopic sliders.

**Operating Characteristics:** Top air intake is standard, front intake available on request. External 10-speed controller incorporating photoelectric cell door sensor for automatic activation upon door opening. Controller ready for BMS control. Fully articulated diffuser achieving air projection angle of  $\pm 20^\circ$  from normal.

Shipped with full IPPC standard wooden crating. Standard manufacturer's warranty two year, extendable to five years with service contract.

XS-360	
Cabinet Length	9144 mm
Width x Height	559 x 600 mm
Weight	1295 kg
Blowers	12
Number of Motors	3
Voltage	400/690 V, 3 Phase, 50Hz
Total Current FLA	63.6/36.9 A
Total Power	33 kW
Noise @ 2m	80 dB
Air Velocity at Outlet	38.1 m/s
Total Air Volume	33.75 m <sup>3</sup> /s
Outlet Velocity Uniformity	95%
Diffuser Angle Limits	$\pm 20^\circ$
Installation Height	8 m Maximum

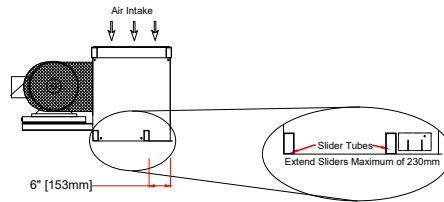
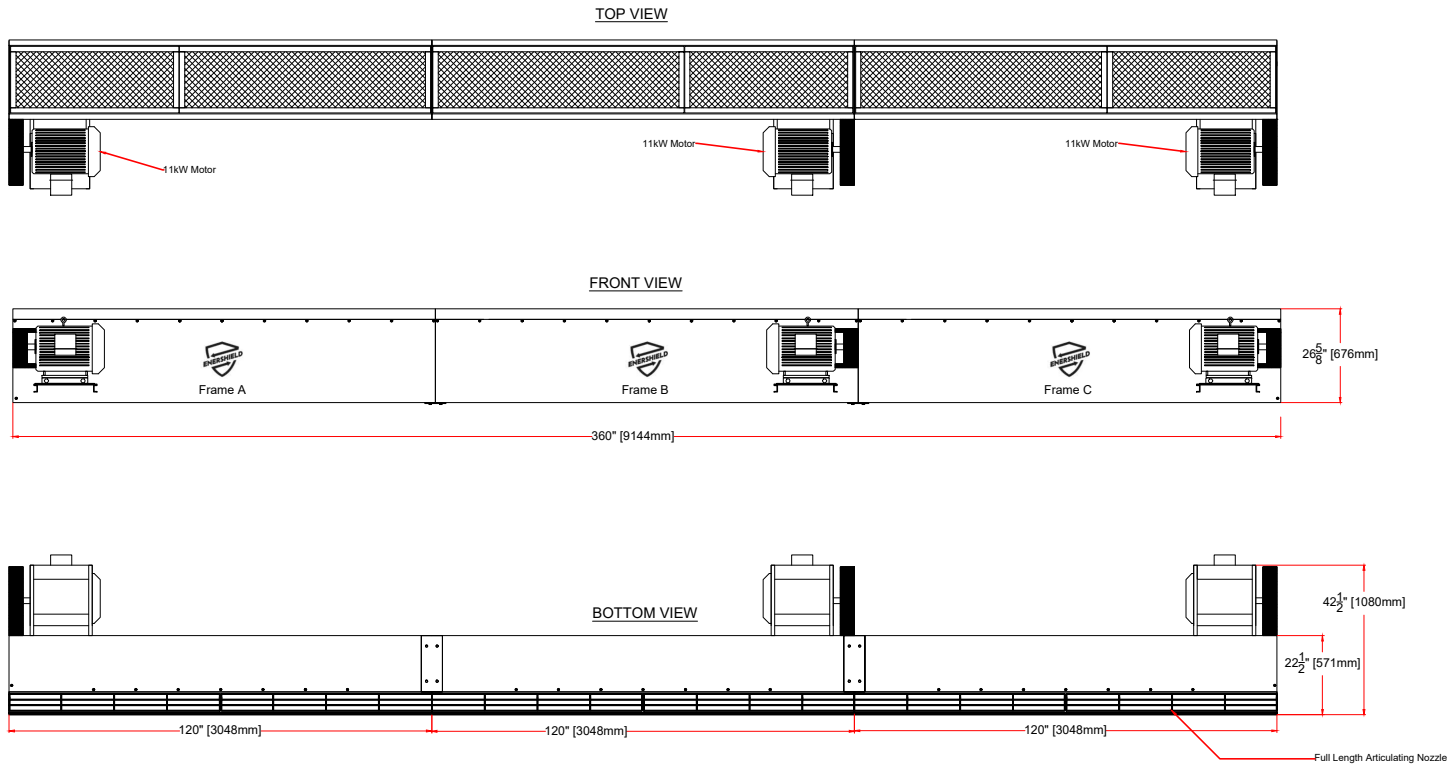


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**THINK ENERGY, THINK ENVIRONMENT, THINK ENERSHIELD.**



UKCA + CE CERTIFIED

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**ENERSHIELD AIR BARRIER**

Voltage	400 / 690V 3 Phase 50Hz
Motor (s)	3 @ 11kW
Amps FLA	63.6 / 36.9
Blowers	12

XTREMESHIELD	XS-360
Air Velocity (fpm) (m/s)	7500 / 38.1
Air Volume (cfm) (m³/s)	71520 / 33.75
Total Power (hp) (Kw)	45 / 33
Weight (lbs) (Kg)	2850 / 1295