



AIR BARRIERS

# ENERSHIELD

ENERGY SAVING BARRIERS

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



AIR BARRIERS

## Microshield MCS-72-MR - 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.

Microshield Air Barriers are ideal for most foot traffic doorways up to 8' high. They are aesthetic, efficient and extremely quiet during operation. Microshields are ideal for areas with low head room above the doorway. Applications include retail doorways, employee entrances and exits, patio doors, foot traffic receiving doors, food preparation and refrigerated areas.

**Features:** Manual or wireless remote control (AA batteries included), 2 speed, painted full length articulating discharge nozzle, full length painted steel rear mounting bracket, with decorative top intake grilles and side panels, 7.5' 110V grounded power cord, accessory extension mounting brackets included, magnetic door switch with actuator max sensing range ¾". Unit may be operated with the remote and/or the magnetic reed switch.

MCS-72-MR		
	Metric	Imperial
Cabinet Length	1791 mm	72"
Width x Height	210 x 235 mm	8.25 x 9.25"
Weight	26 kg	57.2 lbs
Number of Motors	3	
Voltage	110/120 V, Single Phase, 60 Hz	
Total Current FLA	5.25 A	
Total Power	3 Motors @ 60W	
Noise @ 2m	57 dB	
Air Velocity at Outlet	16 m/s	3,150 fpm
Total Air Volume	0.63 m <sup>3</sup> /s	1340 cfm
Installation Height	2.4 m Maximum	8' Maximum

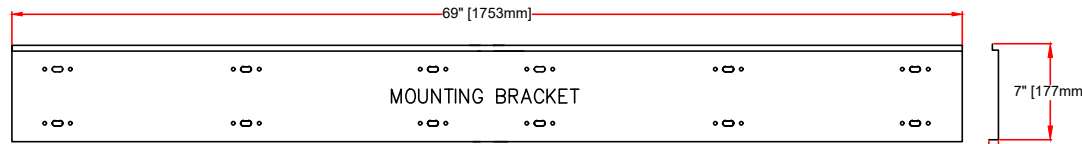


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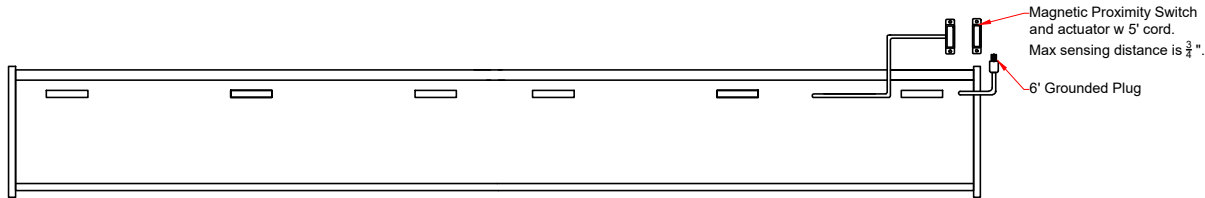
EMAIL: ENQUIRIES@ENERSHIELD.COM



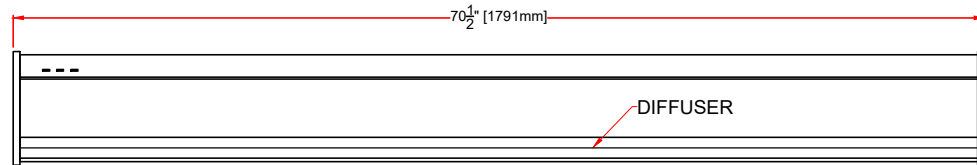
**THINK ENERGY, THINK ENVIRONMENT, THINK ENERSHIELD.**



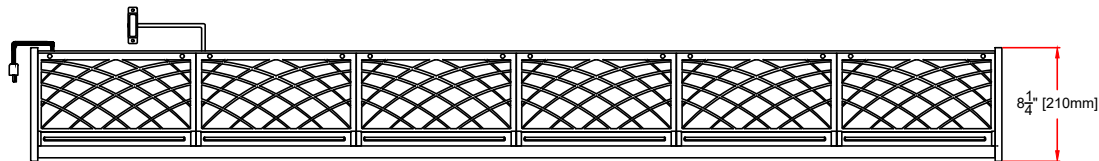
Wall mount can be fixed directly to wall, or may be secured to the extension brackets to extend Barrier off the wall.



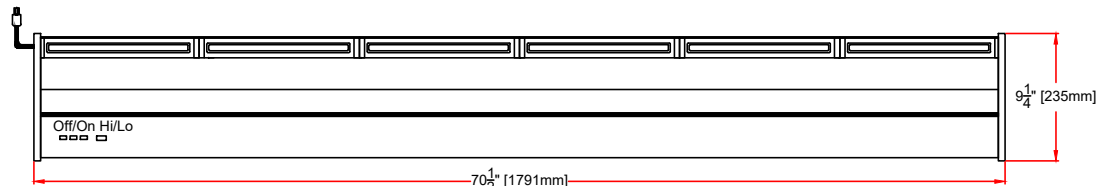
BACK VIEW



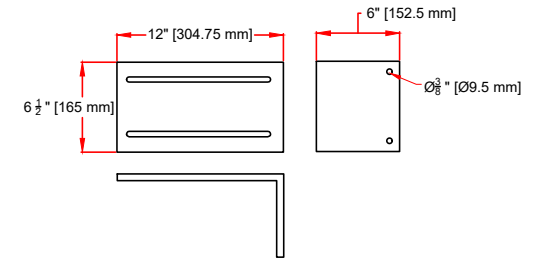
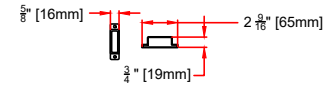
BOTTOM VIEW



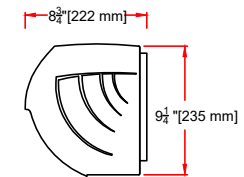
TOP VIEW



FRONT VIEW



EXTENSION BRACKET 2 PER UNIT.  
See Owners manual for details.



RIGHT HAND VIEW

UKCA, CSA + CE Certified

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**MICROSHIELD AIR BARRIER**  
AVAILABLE IN WHITE, BLACK AND ALUMINUM FINISH

Voltage	110 / 120V Single Phase 60Hz
2 Speed Motors	TEAO
Motor (s)	610 H/560 L Watts
Amps FLA	5.25

**MICROSHIELD**

**MCS-72-MR**

Air Velocity (fpm) (m/s)	3150 / 16
Air Volume (cfm) (m <sup>3</sup> /s)	1340 / 0.63
Total Power (Watts)	610 High / 560 Low
Weight (lbs) (Kg)	57.2 / 26