

Microshield MCS-48 - Air Barrier Specifications

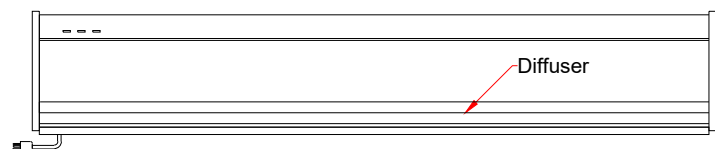
Enershield Air Barriers create an effective seal on the doorway. This is achieved by re-circulating the facility air in a laminar (smooth) flow across an open doorway. In addition, the kinetic energy within the moving air generates a barrier preventing leakage of air between two areas with different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

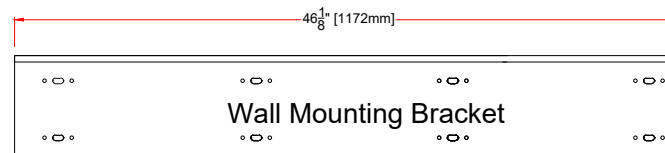
Features: Standard model is manual operation and includes a remote control, high and low speed setting, painted intake grilles and side panels, magnetic door switch with actuator max sensing range ¾". Unit may be operated with the remote and/or the magnetic reed switch. Top air intake means operational noise is directed upwards.

MCS-48		
	Metric	Imperial
Cabinet Length	1200 mm	48"
Width x Height	210 x 235 mm	8.25 x 9.25"
Weight	18 kg	39.6 lbs
Number of Motors	2	
Voltage	110/120 V, Single Phase, 60 Hz	
Total Current FLA	3.5 A	
Total Power	2 Motors @ 60W	
Noise @ 2m	53 dB	
Air Velocity at Outlet	16 m/s	3,150 fpm
Total Air Volume	0.41 m ³ /s	882 cfm
Installation Height	2.4 m Maximum	8' Maximum

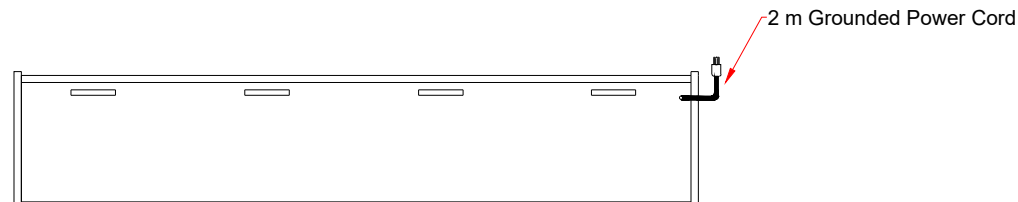
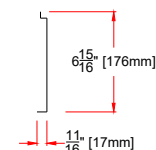




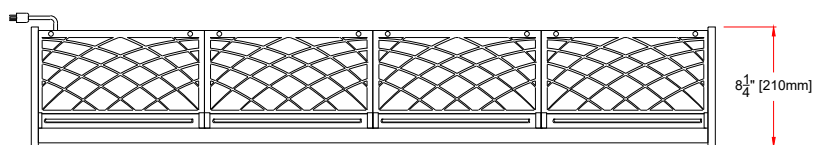
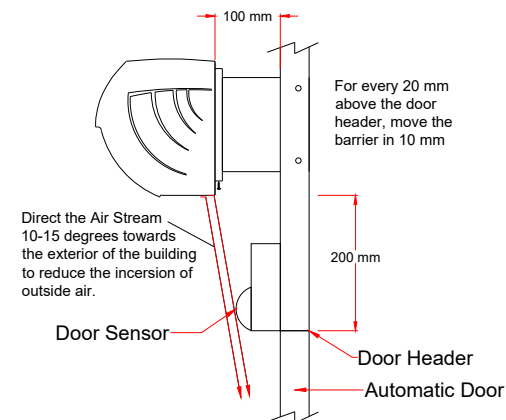
BOTTOM VIEW



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

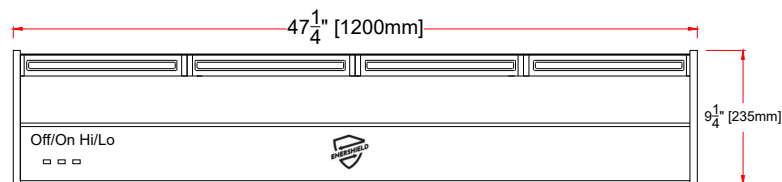
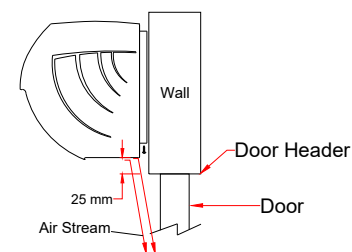


BACK VIEW



TOP VIEW

Min 50 mm of clearance to ceiling.



FRONT VIEW

UKCA + 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)	400 H/360 L Watts
Amps FLA	3.5

MICROSHIELD	MCS-48
Air Velocity (fpm) (m/s)	3150 / 16
Air Volume (cfm) (m³/s)	882 / 0.41
Total Power (Watts)	400 High/360 Low
Weight (lbs) (Kg)	39.6 / 18