



ENERSHIELD AIR BARRIERS

Specializing in Energy Management Climate Control Systems

Energy Saving Technology

16813 – 113 Avenue, Edmonton Alberta T5M 2X2

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

Toll Free – 1-866-464-3667

www.enershield.ca

Model: MICROSIELD (MCS) DIRECT DRIVE – 2 Speed Motors - Customer Entrance/Exit Door - Door Height: Up to 8 feet

Sound level measured 10 feet from unit
 Nozzle length equals cabinet length
 For units over 6 feet in length please contact Enershield

Model	MCS-36	MCS-48	MCS-72
Cabinet Length in./mm	36" 914mm	48" 1219mm	72" 1829mm
Width x Height	9 1/4" x 8 3/4"	9 1/4" x 8 3/4"	9 1/4" x 8 3/4"
Weight	35 lbs. 16 Kgs.	40 lbs. 18 Kgs.	57 lbs. 26 Kgs.
Horse Power	1/5 hp 149 watts	1/5 hp 149 watts	1/5 hp 149 watts
Motors	2	2	3
Total Horsepower	2/5 hp 298 watts	2/5 hp 298 watts	3/5 hp 447 watts
Decibels	H - 52 dB L - 49 dB	H - 53 dB L - 50 dB	H - 57 dB L - 55 dB
Max FPM at Nozzle	H - 3150 fpm / 16 m/s L - 2500 fpm / 13 m/s	H - 3150 fpm / 16 m/s L - 2500 fpm / 13 m/s	H - 3150 fpm / 16 m/s L - 2500 fpm / 13 m/s
CFM at Nozzle	H - 1100 cfm / 647 l/s L - 900 cfm / 530 l/s	H - 1500 cfm / 883 l/s L - 1200 cfm / 706 l/s	H - 2280 cfm / 1340 l/s L - 1800 cfm / 1060 l/s
Outlet Velocity Uniformity	95%	95%	95%

Available Motors	
Operating Voltage:	110/120V, 60Hz Single Phase
Amp Draw FLA (per motor)	1.2 Amps
Totally enclosed air over design	

