



ENERSHIELD Air Barriers

Specializing in Energy Management Climate Control Systems

Energy Saving Technology

Manufacturing & Design

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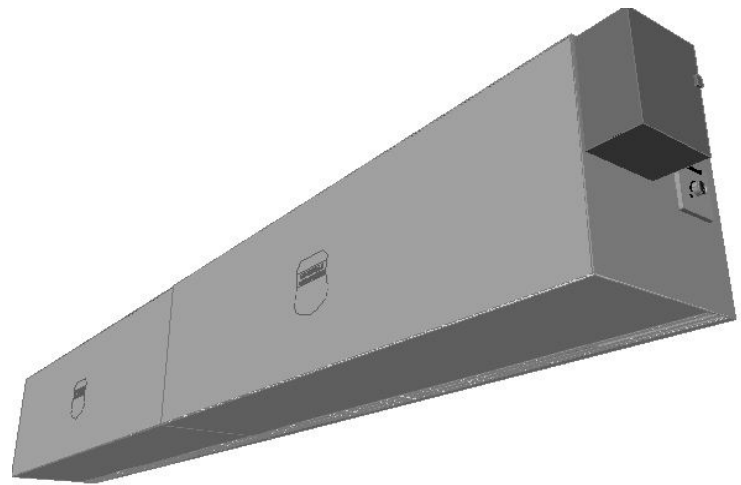
Toll Free – 1-866-464-3667

www.enershield.ca

Durashield DS-168 - Air Barrier Specifications

Enershield Durashield model DS-168 is 168" / 4267 mm in length. Powder coated 1/8" steel frame construction & 20 gauge G.90 sheet metal jacket, c/w acoustic insulation with anti microbial coating. Air Barrier is provided with powder coated telescopic sliders & wall brackets. Top air intake is standard (optional front air intake available upon request). Integral NEMA 1 control panel, incorporating photo electric cell door sensor for automatic activation upon door opening. Operating characteristics: 7 forward curved double inlet blowers providing Air Velocity = 4500 fpm, Air Volume = 19,775 cfm, Electrical: 208/1/60 Motors: 7 @ ½ hp = 3.5 hp total (2611 Watts): 208/1/60 = 3.7 amps each = 25.9 amps FLA (alternate voltages available see chart below). Variable motor speed control standard in 208/1/60 only. Weight = 700 lbs. Decibel rating is 76 dB at a distance of 10' from the unit. CSA Certified.

Warranty: 2 yrs. Parts



Model	DS-168
Cabinet Length in./mm	168" 4267 mm
Height x Width	20" x 17 5/8" 508mm x 448mm
Weight	700 lbs. 318 kgs.
Fans/Blowers	7
Motors TEAO	7
Horse Power/Motor	1/2 hp 373 watts
Total Horsepower	3.5 hp 2611 watts.
Decibels	76 dB
Max FPM at Nozzle	4500 fpm 22.9 m/s
CFM at Nozzle	19,775 cfm 9,332 l/s
Outlet Velocity Uniformity	95%

Available Motors			
Operating Voltage:	575/1/60	460/1/60	208/1/60
Amp Draw (per motor) FLA	1.1 Amps ea = 7.7 FLA	1.35 Amps ea = 9.45 FLA	3.7 Amps ea = 25.9 FLA
Totally enclosed air over design			
* Variable motor speed control only available at 208/1/60			