



ENERSHIELD Air Barriers

Specializing in Energy Management Climate Control Systems

Energy Saving Technology

Manufacturing & Design

16821 – 113 Avenue, Edmonton Alberta T5M 2X2

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

Toll Free – 1-866-464-3667

www.enershield.ca

Comfortshield CS-96 - Air Barrier Specifications

Enershield model CS-96 Enershield Air Barrier 96" (2438 mm) in length. Powder coated 18 Gauge formed steel cabinet construction, c/w acoustic insulation with acrylic anti microbial coating. Provided with a matching powder coated wall bracket, photo electric cell door sensor for automatic activation upon door opening, 2 position keyed On/Off switch. Operating characteristics: 4 forward curved double inlet blowers providing Air Velocity = 4200 fpm, Air Volume = 8,200 cfm, Electrical: see chart below Motors: 4 @ .5 hp = 2 hp total (1,492 Watts). Weight = 254 lbs. Decibel rating is 68 dB at a distance of 10' from the unit. CSA Certified.

Readily Available Colours:

Sky White, Fine Textured Black, Mercury Blue, Royal Blue, Grey, Black River, Blue Sapphire Hammertone, White River, Mercedes Black, Brown Sepia Hammertone, Medium Grey, Light Grey
Consult Manufacturer for other colour options and availability.



Model	CS-96
Cabinet Length in./mm	96" 2438 mm
Height x Width	16" x 16 1/2" 406mm x 419mm
Weight lbs/Kgs	254 lbs. 115 kgs.
Horse Power	.5 hp 373 watts
Fans/Blowers	4
Motors TEAO	4
Total Horsepower	1.5 hp 1119 watts
Decibels	68 dB
Max FPM at Nozzle	4200 fpm 21.3 m/s
CFM at Nozzle	8,200 cfm 3,871 l/s
Outlet Velocity Uniformity	95%

Available Motors			
Operating Voltage:	575/1/60	460/1/60	208/1/60
Amp Draw FLA	1.2 Amps ea = 4.8 Total	1.35 Amps ea = 5.4 Total	3.7 Amps ea = 14.8 Total
TEAO Motor, 1075 RPM, Single Speed,			

nb: All units can be manufactured for a vertical application. Information available on request
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