



AMCA 210	Small Chamber	Large Chamber
Figure 12 Max Outlet Area - Perpendicular Rotation	0.252 m <sup>2</sup> (2.715 ft <sup>2</sup> )	2.20 m <sup>2</sup> (23.67 ft <sup>2</sup> )
Figure 12 Max Outlet Area - Parallel Rotation (Vane Axial Fans Only)	0.142 m <sup>2</sup> (1.527 ft <sup>2</sup> )	1.24 m <sup>2</sup> (13.34 ft <sup>2</sup> )
Figure 12 Max Outlet Area - Parallel Rotation	0.091 m <sup>2</sup> (0.977 ft <sup>2</sup> )	0.794 m <sup>2</sup> (8.54 ft <sup>2</sup> )
Figure 15 Max Inlet Area - Any Rotation	0.454 m <sup>2</sup> (4.886 ft <sup>2</sup> )	4.89 m <sup>2</sup> (52.62 ft <sup>2</sup> )
Max Airflow at 0 in. wg	4.54 m <sup>3</sup> /s (9,620 cfm)	39.5 m <sup>3</sup> /s (83,500 cfm) - Fig 12 48.1 m <sup>3</sup> /s (102,000 cfm) - Fig 15
Max Static Pressure	2500 Pa (10 in wg.)	8000 Pa (32 in wg.)
Max Brake Horsepower	11kW (15HP) @ 2900 RPM 37 kW (50HP) @ 1500 RPM	
Max Dynamometer Speed	1500 RPM @ 37kW (50HP) 2900 RPM @ All others	
Electric Motor (50 Hz)	65 Amps, 440 Volts	

AMCA 500	Small Chamber	Large Chamber
Duct Sizes Round (mm)	305, 610	914
Duct Sizes Rectangle (mm)	305x305, 610x610	914x914, 305x1220
Figure 5.3 Max Free Area	0.372 m <sup>2</sup> (4 ft <sup>2</sup> )	0.837 m <sup>2</sup> (9 ft <sup>2</sup> )
Figure 5.4 Max Free Area	0.151 m <sup>2</sup> (1.63 ft <sup>2</sup> )	1.323 m <sup>2</sup> (14.23 ft <sup>2</sup> )
Figure 5.5 Max Free Area	0.757 m <sup>2</sup> (8.14 ft <sup>2</sup> )	8.15 m <sup>2</sup> (87.70 ft <sup>2</sup> )

AMCA 300	Small Chamber	Large Chamber
Max Volume of Test Unit with Ductwork	14.4 m <sup>3</sup> (509 ft <sup>3</sup> )	

Frequency	63	125	250	500	1000	2000	4000	8000	LwA
Approx Min Fan Lw Reverb Room (dB)	66	53	47	41	34	27	32	33	46