

SERIES	AC501
AVAILABLE OPTIONS	Electric Heated Water Heated Ambient (Unheated)
MODELS	59E32, 79E32 59W69, 79W100 59A, 79A
AVAILABLE VOLTAGES	208V~3 Ph, 480V~3 Ph, 600V~3 Ph

OVERVIEW

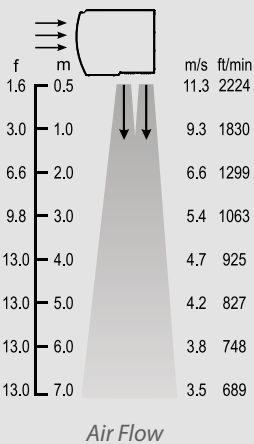


Control panel included with every air curtain. Complete with 3-speed control, Thermostat and 2 heat settings. Installation up to a maximum 16.4' (5 m).

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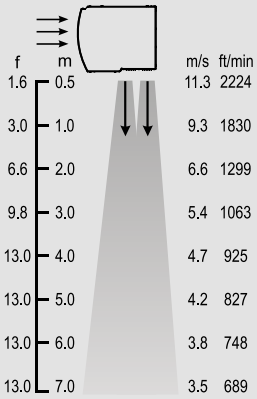
Electric Heated



GENERAL CHARACTERISTICS		AC501-59E32	AC501-79E32
MODEL			
Heat Output	kBTU/h kW	109.2 32	109.2 32
Air Volume	cfm m ³ /h	4473 7600	6474 11000
Max. Door Height	ft m		19.7 6.0
Temperature rise	°F °C	54.5 12.5	47.3 8.5
Length	ft mm	4.9 1500	6.6 2000
Dimensions (L x W x H)	in mm	63.8 x 19.7 x 18.9 1620 x 500 x 480	83.4 x 18.9 x 19.7 2120 x 480 x 500
Weight	lb kg	162 73.5	181 82
Motor Input	hp W	2.14 1600	2.14 1600
Sound Level at 5 m (distance)	dB(A)	69	69
*Max. Current unit (208V)	A	102	102
Maximum motor current	A	8	8
*Max. Current heating elements	A		
480 V		40.4	40.4
600 V		32.2	32.2

* See page 6.

Water Heated



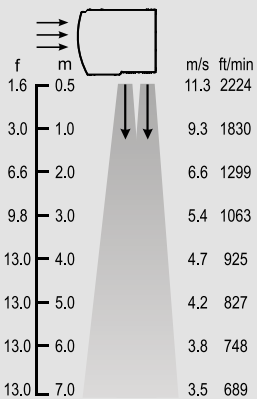
Air Flow

GENERAL CHARACTERISTICS			
MODEL		AC501-59W69	AC501-79W100
Voltage	V/PH/Hz	208/1/60	
Heat Output	kBTU/h kW	246.3 72	367.1 106
Air Volume	cfm m ³ /h	3885 6600	5709 9700
Max. Door Height	ft m	19.7 6.0	
Temperature rise	°F °C	90.0 32	90.7 33
Length	ft mm	4.9 1500	6.6 2000
Dimensions (L x W x H)	in mm	63.8 x 19.4 x 19.7 1620 x 495 x 500	83.4 x 19.5 x 19.7 2120 x 495 x 500
Weight	lb kg	172 78	203 92
Motor Input	hp W	2.14 1600	2.14 1600
Max. Current	A	8	8
Sound Level at 5 m (distance)	dB(A)	68	68

THERMAL CHARACTERISTICS (Thermal characteristics at ambient room temperature 59°F (15°C) and maximum airflow)				
MODEL		AC501-59W69		
Water Temperature at Inlet/Outlet	°F °C	203/158 95/70	176/140 80/60	140/104 60/40
Heat Output	kBTU/h kW	246.4 72.2	201.3 59.0	106.8 31.3
Air Temperature rise	°F °C	89.9 32.2	78.6 25.9	57.2 14
Water Flow	USGPH l/s	751.4 0.8	751.4 0.8	399.5 0.4
MODEL		AC501-79W100		
Water Temperature at Inlet/Outlet	°F °C	203/158 95/70	176/140 80/60	140/104 60/40
Heat Output	kBTU/h kW	367.2 107.6	296.2 86.8	168.9 49.5
Air Temperature rise	°F °C	90.7 32.6	79.5 26.4	59.0 15.0
Water Flow	USGPH l/s	1112.8 1.2	1122.3 1.2	637.3 0.7

* Based on inlet/outlet and outlet water temperatures of 203 °F/128 °F (95°C/70°C)

Ambient (Unheated)



Air Flow

GENERAL CHARACTERISTICS			
MODEL		AC501-59A	AC501-79A
Voltage	V/PH/Hz	208/1/60	
Air Volume	cfm m ³ /h	4591 7800	6592 11200
Max. Door Height	ft m	19.7 6	
Length	ft mm	4.9 1500	6.6 2000
Dimensions (L x W x H)	in mm	63.8 x 18.9 x 19.7 1620 x 480 x 500	83.4 x 18.9 x 19.7 2120 x 480 x 500
Weight	lb kg	149 68	172 78
Motor Input	hp W	2.14 1600	2.14 1600
Max. Current	A	8	8
Sound Level at 5 m (distance)	dB(A)	69	69