

<b>SERIES</b>	AC1000
<b>AVAILABLE OPTIONS</b>	Electric Heated   Water Heated
<b>MODELS</b>	39E16, 79E21   39W20, 79W50
<b>AVAILABLE VOLTAGES</b>	208V~3 Ph, 480V~3 Ph, 600V~3 Ph

**OVERVIEW**

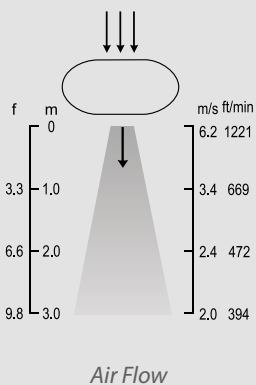


Series 1000 – Higher output decorative air curtain designed to be both functional and have the ability to suit different styles of architecture, from traditional to more modern retail or commercial environments. Available in soft white painted finish, optional polished or brushed stainless steel.

Control panel included with every air curtain.  
Complete with - 3 speed control,  
Thermostat and 2 heat settings.



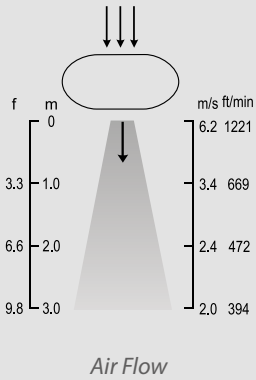
**Electric Heated**



GENERAL CHARACTERISTICS			
MODEL		AC1000-39E16	AC1000-79E21
Heat Output	kBTU/h	54.9	73.4
	kW	16.1	21.5
Air Volume	cfm	1707	3415
	m <sup>3</sup> /h	2900	5800
Max. Door Height	ft		11.5
	m		3.5
Temperature rise	°F	60.8	51.8
	°C	16	11
Length	ft	3.3	6.6
	mm	1000	2000
Dimensions (L x W x H)	in	43.5 x 35 x 15.6	82.9 x 35 x 15.6
	mm	1105 x 890 x 395	2105 x 890 x 395
Weight	lb	99	161
	kg	45	73
Motor Input	hp	0.61	1.22
	W	450	900
Sound Level at 5 m (distance)	dB(A)	60	63
*Max. Current unit (208V)	A	49.1	66.8
Maximum motor current	A	2.2	4.3
*Max. Current heating elements	A		
	480 V	20.2	27.8
	600 V	16.2	22.3

\* See page 6.

### Water Heated



GENERAL CHARACTERISTICS			
MODEL		AC1000-39W20	AC1000-79W50
Voltage	V/PH/Hz	208/1/60	
Heat Output	kBTU/h	70	172
	kW	20.5	50.4
Air Volume	cfm	1590	3230
	m <sup>3</sup> /h	2700	5500
Max. Door Height	ft	11.5	
	m	3.5	
Temperature rise	°F	71.6	87.8
	°C	22	31
Length	ft	3.3	6.6
	mm	1000	2000
Dimensions (L x W x H)	in	43.5 x 35 x 15.6	82.9 x 35 x 15.6
	mm	1105 x 890 x 395	2105 x 890 x 395
Weight	lb	99	161
	kg	45	73
Motor Input	hp	0.61	1.22
	W	450	900
Max. Current	A	4	8
Sound Level at 5 m (distance)	dB(A)	57	60

THERMAL CHARACTERISTICS (Thermal characteristics at ambient room temperature 59°F (15°C) and maximum airrow)				
MODEL		AC1000-39W20		
Water Temperature at Inlet/Outlet	°F	203/158	176/140	140/104
	°C	95/70	80/60	60/40
Heat Output	kBTU/h	70	55.6	17
	kW	20.5	16.3	5
Air Temperature rise	°F	71.6	64.4	41
	°C	22	18	5
Water Flow	USGPH	209.2	209.2	62.8
	l/s	0.22	0.22	0.066
MODEL		AC79W50		
Water Temperature at Inlet/Outlet	°F	203/158	176/140	140/104
	°C	95/70	80/60	60/40
Heat Output	kBTU/h	172.0	138.6	76.5
	kW	50.4	40.6	22.4
Air Temperature rise	°F	87.8	77	57.2
	°C	31	25	14
Water Flow	USGPH	504.10	513.61	285.34
	l/s	0.53	0.54	0.30

\* For water heaters this is 203 °F/128 °F (95°C/70°C) hot water