

SERIES	AC1000
AVAILABLE OPTIONS	Electric Heated Water Heated
MODELS	39E16, 79E21 39W20, 79W50
AVAILABLE VOLTAGES	208V/240V/1, 208V/240V/3, 480V/3, 600V/3

OVERVIEW

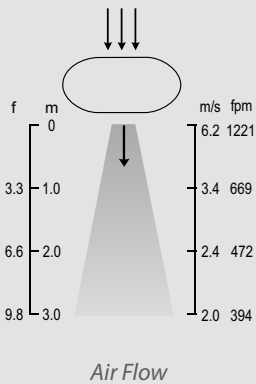


Series 1000 – Higher output decorative air curtain designed to be both functional and have the ability to suit different styles of architecture, from traditional to more modern retail or commercial environments. Available in soft white painted finish, optional polished or brushed stainless steel.

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



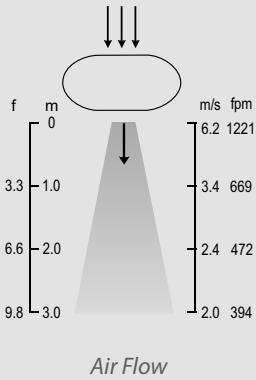
Electric Heated



GENERAL CHARACTERISTICS			
MODEL		39E16	79E21
Heat Output	kBTU/h	54.9	73.4
	kW	16.1	21.5
Air Volume	cfm	1707	3415
	m ³ /h	2900	5800
Max. Door Height	ft		11.5
	m		3.5
Temperature rise	°F	28.8	19.8
	°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



Air Flow

GENERAL CHARACTERISTICS				
MODEL		39W20	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 ³ /h	2700	5500	
Max. Door Height	ft	11.5		
	m	3.5		
Temperature rise	°F	39.6	55.8	
	°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 air flow)								
MODEL		39W20						
Water Temperature at Intel/Outlet	°F	302/158	266/158	221/158	203/158	176/140	140/104	
	°C	150/70	130/70	105/70	95/70	80/60	60/40	
Heat Output	kBTU/h	64.5	67.2	69.3	70	55.6	17	
	kW	18.9	19.7	20.3	20.5	16.3	5	
Air Temperature rise	°F	37.8	37.8	39.6	39.6	32.4	9	
	°C	21	21	22	22	18	5	
Water Flow	USGPH	61.8	84.6	152.2	209.2	209.2	62.8	
	l/s	0.65	0.089	0.16	0.22	0.22	0.066	
MODEL		79W50						
Water Temperature at Intel/Outlet	°F	302/158	266/158	221/158	203/158	176/140	140/104	
	°C	150/70	130/70	105/70	95/70	80/60	60/40	
Heat Output	kBTU/h	206.1	193.2	178.2	172.0	138.6	76.5	
	kW	60.4	56.6	52.2	50.4	40.6	22.4	
Air Temperature rise	°F	66.6	63	57.6	55.8	45	25.2	
	°C	37	35	32	31	25	14	
Water Flow	USGPH	190.22	237.78	370.94	504.10	513.61	285.34	
	l/s	0.20	0.25	0.39	0.53	0.54	0.30	

*For water heaters this is 203 °F/158 °F (95°C/70°C) hot water