

<b>SERIES</b>	AC403
<b>AVAILABLE OPTIONS</b>	Electric Heated   Water Heated
<b>MODELS</b>	39E8, 59E16, 79E16   39W20, 59W32, 79W47
<b>AVAILABLE VOLTAGES</b>	208V/240V/1, 208V/240V/3, 480V/3, 600V/3

**OVERVIEW**

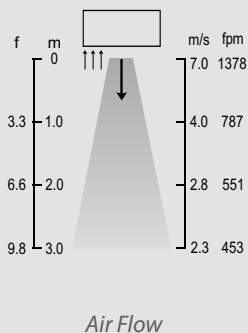


Series 403 – Surface mount unit for many types of applications, commercial, or institutional wherever higher output is required. Available in 39”, 59” and 79” lengths, in coloured finish or decorative with polished stainless steel.

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



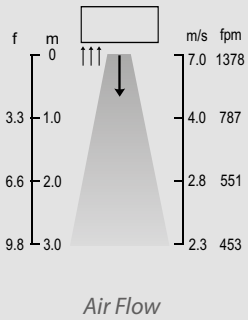
**Electric Heated**



GENERAL CHARACTERISTICS				
MODEL		39E8	59E16	79E16
Heat Output	kBTU/h	23.7	54.9	54.9
	kW	8	16.1	16.1
Air Volume	cfm	1413	1885	2827
	m <sup>3</sup> /h	2400	3200	4800
Max. Door Height	ft		16.0	
	m		5.0	
Temperature rise	°F	18	27	18
	°C	10	15	10
Length	ft	3.3	4.9	6.6
	mm	1000	1500	2000
Dimensions (L x W x H)	in	44.5 x 23.6 x 15.2	63.4 x 23.6 x 15.2	83.8 x 23.6 x 15.2
	mm	1130 x 600 x 385	1610 x 600 x 385	2130 x 600 x 385
Weight	lb	106	150	195
	kg	48	68	88
Motor Input	hp	0.61	0.87	1.22
	W	450	640	900
Sound Level at 5 m (distance)	dB(A)	60	61	63
*Max. Current unit (208V)	A	25.6	50	51.2
Maximum motor current	A	2.2	3.1	4.3
*Max. Current heating elements	A			
	480 V	10.1	20.2	20.2
	600 V	8.1	16.2	16.2

\* See page 6.

### Water Heated



GENERAL CHARACTERISTICS				
MODEL		39W20	59W32	79W47
Voltage	V/PH/Hz	208/1/60		
Heat Output	kBTU/h kW	68.2 20.0	109.2 32.0	161.8 47.4
Air Volume	cfm m <sup>3</sup> /h	1178 2000	2120 3600	2950 5000
Max. Door Height	ft m	16.4 5.0		
Temperature rise	°F °C	66.6 37	46.8 26	48.6 27
Length	ft mm	3.3 1000	4.9 1500	6.6 2000
Dimensions (L x W x H)	in mm	44.5 x 23.6 x 15.1 1130 x 600 x 385	63.4 x 23.6 x 15.1 1610 x 600 x 385	83.9 x 23.6 x 15.1 2130 x 600 x 385
Weight	lb kg	77.2 45	95 59	126 73
Motor Input	hp W	0.54 400	0.72 530	1.09 800
Max. Current	A	2.1	2.8	4.2
Sound Level at 5 m (distance)	dB(A)	64	64	65

THERMAL CHARACTERISTICS (Thermal characteristics at ambient room temperature 59°F (15°C) and maximum airflow)								
MODEL		39W20						
Water Temperature at Intel/Outlet	°F °C	302/158 150/70	266/158 130/70	221/158 105/70	203/158 95/70	176/140 80/60	140/104 60/40	
Heat Output	kBTU/h kW	58.4 17.1	62.4 18.3	65.2 19.1	66.2 19.4	52.6 15.4	16.5 4.9	
Air Temperature rise	°F °C	63 35	64.8 36	66.6 37	66.6 37	59.4 33	37.8 21	
Water Flow	USGPH l/s	57 0.06	76.1 0.08	142.7 0.15	200 0.21	200 0.21	57 0.06	
MODEL		59W32						
Water Temperature at Intel/Outlet	°F °C	302/158 150/70	266/158 130/70	221/158 105/70	203/158 95/70	176/140 80/60	140/104 60/40	
Heat Output	kBTU/h kW	122.9 36	118.4 34.7	111.9 32.8	109.2 32	88.1 25.8	45.1 13.2	
Air Temperature rise	°F °C	52.2 29	50.4 28	48.6 27	46.8 26	37.8 21	19.8 11	
Water Flow	USGPH l/s	123.65 0.13	152.18 0.16	247.29 0.26	332.89 0.35	332.89 0.35	171.20 0.18	
MODEL		79W47						
Water Temperature at Intel/Outlet	°F °C	302/158 150/70	266/158 130/70	221/158 105/70	203/158 95/70	176/140 80/60	140/104 60/40	
Heat Output	kBTU/h kW	195.2 57.2	182.9 53.6	167.9 49.2	161.8 47.4	130.7 38.3	73.0 21.4	
Air Temperature rise	°F °C	59.4 33	55.8 31	48.6 27	48.6 27	39.6 22	21.6 12	
Water Flow	USGPH l/s	190.22 0.20	237.78 0.25	361.43 0.38	494.58 0.52	494.58 0.52	275.83 0.29	

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