

SERIES	AC400
AVAILABLE OPTIONS	Electric Heated Water Heated Ambient (Unheated)
MODELS	39E8, 59E16, 79E16 39W20, 59W32, 79W47 39A, 59A, 79A
AVAILABLE VOLTAGES	208V/240V/1, 208V/240V/3, 480V/3, 600V/3

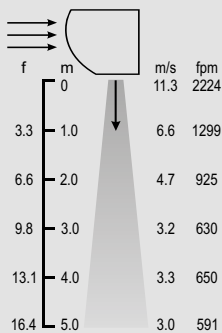
OVERVIEW



Series 400 – Higher output units for high pedestrian traffic areas, larger volume buildings i.e. malls, recreational facilities, smaller warehouse bay doors. Available heated (electric or water) or unheated. Versatile in many different commercial or industrial applications. Control panel included with every air curtain. Complete with - 3 speed control, Thermostat and 2 heat settings.



Electric Heated

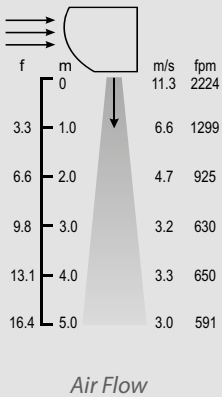


Air Flow

GENERAL CHARACTERISTICS				
MODEL		39E8	59E16	79E16
Heat Output	kBTU/h	27.3	54.6	54.9
	kW	8.0	16.0	16.1
Air Volume	cfm	1590	2356	3534
	m ³ /h	2700	4000	6000
Max. Door Height	ft		16.4	
	m		5.0	
Temperature rise	°F	14.4	21.6	16.2
	°C	.8	12	9
Length	ft	3.3	4.9	6.6
	mm	1000	1500	2000
Dimensions (L x W x H)	in	43.7 x 13.8 x 13.4	62 x 13.8 x 13.4	82.3 x 13.8 x 13.4
	mm	1110 x 350 x 340	1575 x 350 x 340	2090 x 350 x 340
Weight	lb	56.2	89.4	101.5
	kg	25.5	40.5	46.0
Motor Input	hp	0.54	1.22	1.22
	W	400	900	900
Sound Level at 5 m (distance)	dB(A)	60	65	66
*Max. Current unit (208V)	A	25.5	51.2	50.7
Maximum motor current	A	2.1	4.3	3.8
*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



Air Flow

GENERAL CHARACTERISTICS				
MODEL		39W20	59W32	79W47
Voltage	V/PH/Hz	208/1/60		
Heat Output	kBTU/h kW	68.3 20.0	109.2 32.0	161.8 47.4
Air Volume	cfm m ³ /h	1531 2600	2002 3400	3062 5200
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	43.7 x 13.8 x 13.4 1110 x 350 x 340	62 x 13.8 x 13.4 1575 x 350 x 340	82.3 x 13.8 x 13.4 2090 x 350 x 340
Weight	lb kg	68.5 31	91.6 41.5	117 53
Motor Input	hp W	0.61 450	0.87 640	1.22 690
Max. Current	A	2.2	3	3.8
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)

Ambient (Unheated)

GENERAL CHARACTERISTICS				
MODEL		39A	59A	79A
Voltage	V/PH/Hz	208/1/60		
Air Volume	cfm m ³ /h	1531 2600	2002 3400	3062 5200
Max. Door Height	ft m	16.4 5.0		
Length	ft mm	3.3 1000	4.9 1500	6.6 2000
Dimensions (L x W x H)	in mm	43.7 x 13.8 x 13.4 1110 x 350 x 340	62 x 13.8 x 13.4 1575 x 350 x 340	82.3 x 13.8 x 13.4 2090 x 350 x 340
Weight	lb kg	61.8 28	78.3 35.5	101.5 46
Motor Input	hp W	0.61 450	0.87 640	1.22 710
Max. Current	A	2.2	3.0	3.5
Sound Level at 5 m (distance)	dB(A)	64	64	65