

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

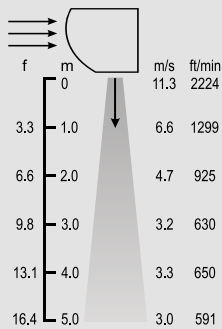
**OVERVIEW**



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. Installation up to a maximum 16’ (5 m). Control panel included with every air curtain. Complete with - 3 speed control, Thermostat and 2 heat settings.



**Electric Heated**

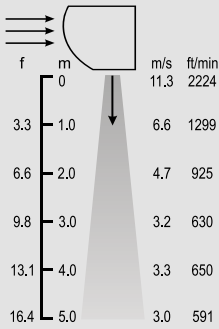


Air Flow

GENERAL CHARACTERISTICS				
MODEL		AC400-39E8	AC400-59E16	AC400-79E16
Heat Output	kBTU/h	27.3	54.6	54.9
	kW	8.0	16.0	16.1
Air Volume	cfm	1590	2356	3534
	m <sup>3</sup> /h	2700	4000	6000
Max. Door Height	ft		16.4	
	m		5.0	
Temperature rise	°F	46.5	53.6	48.2
	°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



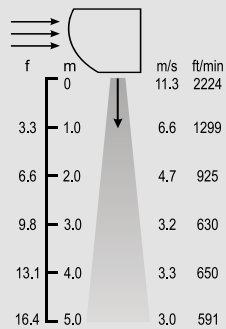
Air Flow

GENERAL CHARACTERISTICS				
MODEL		AC400-39W20	AC400-59W32	AC400-79W47
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 <sup>3</sup> /h	1531 2600	2002 3400	3062 5200
Max. Door Height	ft m	16.4 5.0		
Temperature rise	°F °C	98.6 37	78.8 26	80.6 27
Length	ft mm	3.3 1000		
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 air flow)				
MODEL		AC400-39W20	AC400-59W32	AC400-79W47
Water Temperature at Inlet/Outlet	°F °C	203/158 95/70	176/140 80/60	140/104 60/40
Heat Output	kBTU/h kW	66.2 19.4	52.6 15.4	16.5 4.9
Air Temperature rise	°F °C	98.6 37	91.4 33	69.8 21
Water Flow	USGPH l/s	200 0.21	200 0.21	57 0.06
MODEL				
Water Temperature at Inlet/Outlet	°F °C	203/158 95/70	176/140 80/60	140/104 60/40
Heat Output	kBTU/h kW	109.2 32	88.1 25.8	45.1 13.2
Air Temperature rise	°F °C	78.8 26	69.8 21	51.8 11
Water Flow	USGPH l/s	332.89 0.35	332.89 0.35	171.20 0.18
MODEL				
Water Temperature at Inlet/Outlet	°F °C	203/158 95/70	176/140 80/60	140/104 60/40
Heat Output	kBTU/h kW	161.8 47.4	130.7 38.3	73.0 21.4
Air Temperature rise	°F °C	80.6 27	71.6 22	53.6 12
Water Flow	USGPH l/s	494.58 0.52	494.58 0.52	275.83 0.29

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

### Ambient (Unheated)



Air Flow

GENERAL CHARACTERISTICS				
MODEL		AC400-39A	AC400-59A	AC400-79A
Voltage	V/PH/Hz	208/1/60		
Air Volume	cfm m <sup>3</sup> /h	1531 2600	2002 3400	3062 5200
Max. Door Height	ft m	16.4 5.0		
Length	ft mm	3.3 1000		
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