

<b>SERIES</b>	AC401
<b>AVAILABLE OPTIONS</b>	Electric Heated   Water Heated   Ambient (Unheated)
<b>MODELS</b>	39E16, 59E21, 79E21   39W20, 59W32, 79W47   39A, 59A, 79A
<b>AVAILABLE VOLTAGES</b>	208V~3 Ph, 480V~3 Ph, 600V~3 Ph

## OVERVIEW

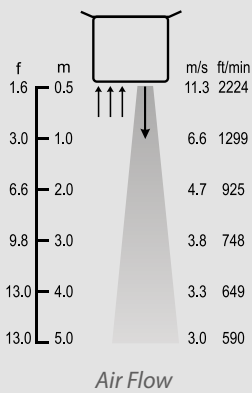


Series 401 - Designed specifically for installations into standard drop ceilings of up to 11' (3.5m) in height, but can be utilized wherever a flush mounted air curtain will be required for commercial, retail or institutional applications. Installation up to a maximum 16.4' (5 m).

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



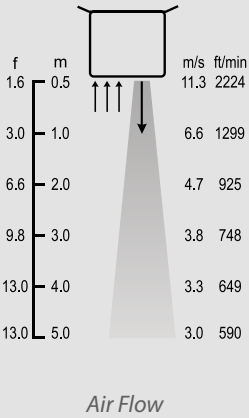
### Electric Heated



GENERAL CHARACTERISTICS				
MODEL		AC401-39E16	AC401-59E21	AC401-79E21
Heat Output	kBTU/h	54.6	71.6	71.6
	kW	16	21	21
Air Volume	cfm	1589	2354	3531
	m <sup>3</sup> /h	2700	4000	6000
Max. Door Height	ft		16.4	
	m		5.0	
Temperature rise	°F	63.5	59.9	50.9
	°C	17.5	15.5	10.5
Length	ft	3.28	4.92	6.56
	mm	1000	1500	2000
Dimensions (Lx WxH)	in	49.1 x 25 x 11.8	61.7 x 25 x 11.8	87.5 x 25 x 11.8
	mm	1250 x 635 x 300	1705 x 635 x 300	2220 x 635 x 300
Weight	lb	90.4	132.2	157.6
	kg	41	60	71.5
Motor Input	hp	0.60	1.21	1.21
	W	450	900	900
Sound Level at 5 m (distance)	dB(A)	63	65	66
*Max. Current unit (208V)	A	48.9	35.4+31.4	35.4+31.4
Maximum motor current	A	2	4	4
*Max. Current heating elements	A			
	480 V	20.2	27.8	27.8
	600 V	16.2	22.3	22.3

\* See page 6.

### Water Heated



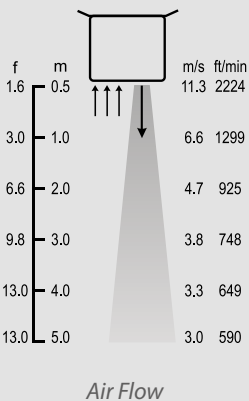
GENERAL CHARACTERISTICS				
MODEL		AC401-39W20	AC401-59W32	AC401-79W47
Voltage	V/PH/Hz	208/1/60		
Heat Output	kBTU/h kW	68.2 20	109.2 32	161.7 47.4
Air Volume	cfm m <sup>3</sup> /h	1530 2600	2001 3400	3060 5200
Max. Door Height	ft m	16.4 5.0		
Temperature rise	°F °C	98.6 37	78.8 26	80.6 27
Length	ft mm	3.3 1000	4.9 1500	6.6 2000
Dimensions (L x W x H)	in mm	49.1 x 25.6 x 11.8 1245 x 650 x 300	67.1 x 25.6 x 11.8 1705 x 650 x 300	87.5 x 25.6 x 11.8 2225 x 650 x 300
Weight	lb kg	92.6 42	130.0 59	160.9 73
Motor Input	hp W	0.6 450	1.2 900	1.2 900
Max. Current	A	2.2	4.0	4.2
Sound Level at 5 m (distance)	dB(A)	63	65	66

### THERMAL CHARACTERISTICS (Thermal characteristics at ambient room temperature 59°F (15°C) and maximum air flow)

MODEL		AC401-39W20		
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	63.8 21
Water Flow	USGPH l/s	200 0.21	200 0.21	57 0.06
MODEL		AC401-59W32		
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		AC401-79W47		
Water Temperature at Inlet/Outlet	°F °C	203/158 95/70	176/140 80/60	140/104 60/40
Heat Output	kBTU/h kW	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

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

### Ambient (Unheated)



GENERAL CHARACTERISTICS				
MODEL		AC401-39A	AC401-59A	AC401-79A
Voltage	V/PH/Hz	208/1/60		
Air Volume	cfm m <sup>3</sup> /h	1530 2600	2001 3400	3061 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	49.1 x 25 x 11.8 1250 x 635 x 300	67.1 x 25 x 11.8 1705 x 635 x 300	87.5 x 25 x 11.8 2220 x 635 x 300
Weight	lb kg	82.7 37.5	120.2 54.5	144.4 65.5
Motor Input	hp W	0.29 210	0.57 420	0.57 420
Max. Current	A	2.2	4.0	4.2
Sound Level at 5 m (distance)	dB(A)	63	65	66