

<b>SERIES</b>	AC300
<b>AVAILABLE OPTIONS</b>	Electric Heated   Water Heated   Ambient (Unheated)
<b>MODELS</b>	39E8, 59E13, 79E16   39W12, 59W20, 79W28   39A, 59A, 79A
<b>AVAILABLE VOLTAGES</b>	208V~3 Ph, 480V~3 Ph, 600V~3 Ph

**OVERVIEW**

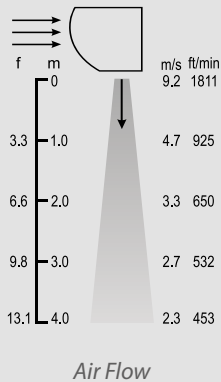


Series 300 - Elegant in design for retail and commercial applications. Designed for pedestrian entrances, with or without vestibules. Available in 39" for a single door, 59" and 79" for double swinging or sliding doors, or install in tandem for larger installs.

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



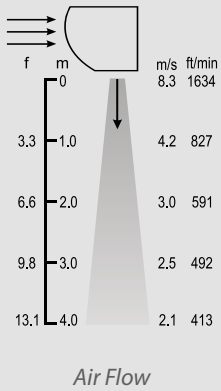
**Electric Heated**



GENERAL CHARACTERISTICS				
MODEL		AC300-39E8	AC300-59E13	AC300-79E16
Heat Output	kBTU/h	27.3	45.7	54.9
	kW	8.0	13.4	16.1
Air Volume	cfm	1030	1590	2091
	m <sup>3</sup> /h	1750	2700	3550
Max. Door Height	ft	11.5	3.5	
	m			
Temperature rise	°F	57.2	59.0	57.2
	°C	14	15	14
Length	ft	3.3	4.9	6.6
	mm	1000	1500	2000
Dimensions (L x W x H)	in	42 x 12.8 x 10.4	61.4 x 12.8 x 10.4	79.3 x 12.3 x 10.7
	mm	1070 x 325 x 265	1560 x 325 x 265	2015 x 325 x 265
Weight	lb	42	65	79.5
	kg	19	29.5	36
Motor Input	hp	0.29	0.57	0.57
	W	210	420	420
Sound Level at 5 m (distance)	dB(A)	54	54	57
*Max. Current unit (208V)	A	24.4	41.1	48.9
Maximum motor current	A	1	2	2
*Max. Current heating elements	A			
	480 V	10.1	16.4	20.2
	600 V	8.1	13.1	16.2

\* See page 6.

### Water Heated

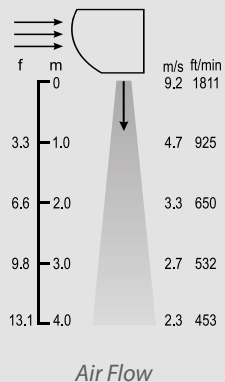


GENERAL CHARACTERISTICS				
MODEL		AC300-39W12	AC300-59W20	AC300-79W28
Voltage	V/PH/Hz	208/1/60		
Heat Output	kBTU/h	39.2	67.6	93.5
	kW	11.5	19.8	27.4
Air Volume	cfm	972	1472	1943
	m <sup>3</sup> /h	1650	2500	3300
Max. Door Height	ft	11.5		
	m	3.5		
Temperature rise	°F	75.2	78.8	80.6
	°C	24	26	27
Length	ft	3.3		
	mm	1000		
Dimensions (L x W x H)	in	42 x 12.8 x 10.4	61.4 x 12.8 x 10.4	79.3 x 12.3 x 10.7
	mm	1070 x 325 x 265	1560 x 325 x 265	2015 x 325 x 265
Weight	lb	42	66.2	79.5
	kg	19	30	36
Motor Input	hp	0.29	0.57	0.57
	W	210	420	420
Max. Current	A	1.1	2.2	2.2
Sound Level at 5 m (distance)	dB(A)	52	53	56

THERMAL CHARACTERISTICS (Thermal characteristics at ambient room temperature 59°F (15°C) and maximum airrow)				
MODEL		AC300-39W12		
Water Temperature at Inlet/Outlet	°F	203/158	176/140	140/104
	°C	95/70	80/60	60/40
Heat Output	kBTU/h	39.2	31.4	10.6
	kW	11.5	9.2	3.1
Air Temperature rise	°F	75.2	66.2	42.8
	°C	24	19	6
Water Flow	USGPH	123.64	114.13	38.04
	l/s	0.13	0.12	0.04
MODEL		AC300-59W20		
Water Temperature at Inlet/Outlet	°F	203/158	176/140	140/104
	°C	95/70	80/60	60/40
Heat Output	kBTU/h	67.6	54.6	27.3
	kW	19.8	16.0	8.0
Air Temperature rise	°F	78.8	71.6	68
	°C	26	22	20
Water Flow	USGPH	188.74	199.74	104.62
	l/s	0.20	0.21	0.11
MODEL		AC300-79W28		
Water Temperature at Inlet/Outlet	°F	203/158	176/140	140/104
	°C	95/70	80/60	60/40
Heat Output	kBTU/h	93.5	75.4	41.6
	kW	27.4	22.1	12.2
Air Temperature rise	°F	80.6	73.4	55.4
	°C	27	23	13
Water Flow	USGPH	285.34	285.34	152.18
	l/s	0.30	0.30	0.16

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

### Ambient (Unheated)



GENERAL CHARACTERISTICS				
MODEL		AC300-39A	AC300-59A	AC300-79A
Voltage	V/PH/Hz	208/1/60		
Air Volume	cfm	1030	1590	2091
	m <sup>3</sup> /h	1750	2700	3550
Max. Door Height	ft	11.5		
	m	3.5		
Length	ft	3.3		
	mm	1000		
Dimensions (L x W x H)	in	42 x 12.8 x 10.4	61.4 x 12.8 x 10.4	79.3 x 12.3 x 10.7
	mm	1070 x 325 x 265	1560 x 325 x 265	2015 x 325 x 265
Weight	lb	26.5	55	66.2
	kg	12	25	30
Motor Input	hp	0.29	0.57	0.57
	W	210	420	420
Max. Current	A	1.1	2.2	2.2
Sound Level at 5 m (distance)	dB(A)	52	53	56