

SERIES	AC300
AVAILABLE OPTIONS	Electric Heated Water Heated Ambient (Unheated)
MODELS	39E8, 59E13, 79E16 39W12, 59W20, 79W28 39A, 59A, 79A
AVAILABLE VOLTAGES	208V/240V/1, 208V/240V/3, 480V/3, 600V/3

OVERVIEW

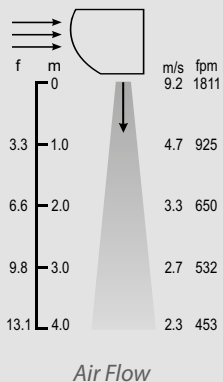


Series 300 - Elegant in design for retail and commercial applications. Designed for pedestrian entrances, with or without vestibules. Available in 39" for a single door, 59" and 79" for double swinging or sliding doors, or install in tandem for larger installs.

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



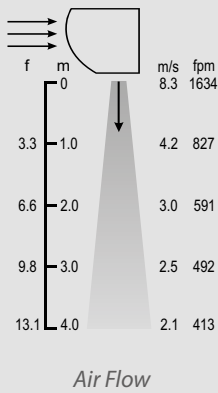
Electric Heated



GENERAL CHARACTERISTICS				
MODEL		39E8	59E13	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 ³ /h	1750	2700	3550
Max. Door Height	ft		11.5	
	m		3.5	
Temperature rise	°F	25.2	27.0	25.2
	°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		39W12	59W20	79W28
Voltage	V/PH/Hz	208/1/60		
Heat Output	kBTU/h kW	39.2 11.5	67.6 19.8	93.5 27.4
Air Volume	cfm m ³ /h	972 1650	1472 2500	1943 3300
Max. Door Height	ft m	11.5 3.5		
Temperature rise	°F °C	43.2 24	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	42 x 12.8 x 10.4 1070 x 325 x 265	61.4 x 12.8 x 10.4 1560 x 325 x 265	79.3 x 12.3 x 10.7 2015 x 325 x 265
Weight	lb kg	42 19	66.2 230	82 36
Motor Input	hp W	0.29 210	0.57 420	0.57 420
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		39W12						
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	140/104 60/40
Heat Output	kBTU/h kW	26.3 7.7	36.5 10.7	38.6 11.3	39.2 11.5	31.4 9.2	10.6 3.1	10.6 3.1
Air Temperature rise	°F °C	28.8 16	41.4 23	43.2 24	43.2 24	34.2 19	10.8 6	10.8 6
Water Flow	USGPH l/s	28.53 0.03	47.56 0.05	85.60 0.09	123.64 0.13	114.13 0.12	38.04 0.04	38.04 0.04
MODEL		59W20						
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	140/104 60/40
Heat Output	kBTU/h kW	76.8 22.5	72.7 21.3	20.2 6.0	67.6 19.8	54.6 16.0	27.3 8.0	27.3 8.0
Air Temperature rise	°F °C	55.8 31	52.2 29	48.6 27	46.8 26	39.6 22	36 20	36 20
Water Flow	USGPH l/s	76.09 0.08	95.11 0.1	152.18 0.16	188.74 0.20	199.74 0.21	104.62 0.11	104.62 0.11
MODEL		79W28						
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	140/104 60/40
Heat Output	kBTU/h kW	111.9 32.8	105.1 30.8	28.4 8.4	96.6 27.4	75.4 22.1	41.6 12.2	41.6 12.2
Air Temperature rise	°F °C	61.2 34	55.8 31	50.4 28	48.6 27	41.4 23	23.4 13	23.4 13
Water Flow	USGPH l/s	104.62 0.11	133.16 0.14	209.25 0.22	285.34 0.30	285.34 0.30	152.18 0.16	152.18 0.16

* 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	1030 1750	1590 2700	2091 3550
Max. Door Height	ft m	11.5 3.5		
Length	ft mm	3.3 1000	4.9 1500	6.6 2000
Dimensions (L x W x H)	in mm	42 x 12.8 x 10.4 1070 x 325 x 265	61.4 x 12.8 x 10.4 1560 x 325 x 265	79.3 x 12.3 x 10.7 2015 x 325 x 265
Weight	lb kg	26.5 12	53 24	88 66.5
Motor Input	hp W	0.29 210	0.57 420	0.57 420
Max. Current	A	1.1	2.2	2.2
Sound Level at 5 m (distance)	dB(A)	52	53	56