

SERIES	AC301
AVAILABLE OPTIONS	Electric Heated Water Heated Ambient (Unheated)
MODELS	39E8, 59E13, 79E16 39W12, 59W20, 79W28 39A, 59A, 79A
AVAILABLE VOLTAGES	208V~3 Ph, 480V~3 Ph, 600V~3 Ph

OVERVIEW

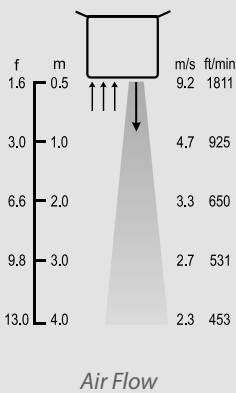


Series 301 - Designed specifically for installations into standard drop ceilings of up to 11' (3.5m) in height, but can be utilized wherever a flush mounted air curtain will be required for commercial, retail or institutional applications.

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



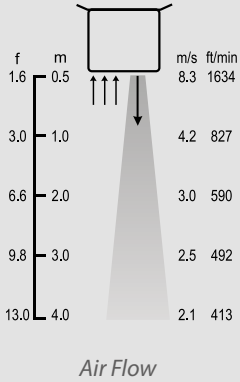
Electric Heated



GENERAL CHARACTERISTICS		AC301-39E8	AC301-59E13	AC301-79E16
MODEL				
Heat Output	kBTU/h kW	27.3 8.0	44.4 13.0	54.6 16.0
Air Volume	cfm m ³ /h	1030 1750	1590 2700	1031 3550
Max. Door Height	ft m		11.5 3.5	
Temperature rise	°F °C	57.2 14	57.2 14	56.3 13.5
Length	ft mm	3.2 1000	4.9 1500	6.5 2000
Dimensions (L x W x H)	in mm	41.6 x 20.6 x 9.3 1170 x 525 x 235	65.8 x 20.6 x 9.3 1170 x 525 x 235	83.1 x 20.6 x 9.3 2110 x 525 x 235
Weight	lb kg	66.2 30	94.9 43	113.7 51.5
Motor Input	hp W	0.31 230	0.62 460	0.62 460
Sound Level at 5 m (distance)	dB(A)	54	55	57
*Max. Current unit (208V)	A	24.4	41	49
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

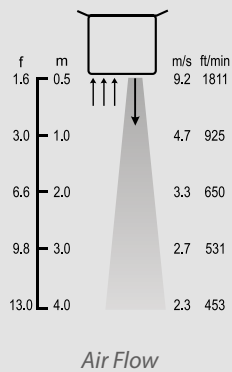


GENERAL CHARACTERISTICS				
MODEL		AC301-39W12	AC301-59W20	AC301-79W28
Voltage	V/PH/Hz	208/1/60		
Heat Output	kBTU/h kW	39.24 11.5	68.24 20	93.94 27.4
Air Volume	cfm m ³ /h	971 1650	1472 2500	1942 3300
Max. Door Height	ft m	11.5 3.5		
Temperature rise	°F °C	75.2 24	78.8 26	80.6 27
Length	ft mm	3.3 1000	4.9 1500	6.56 2000
Dimensions (Lx WxH)	in mm	46.1 x 21.9 x 9.3 1170 x 555 x 235	65.8 x 21.9 x 8.9 1670 x 555 x 225	83.1 x 21.9 x 9.3 2110 x 555 x 235
Weight	lb kg	76.2 30.5	98.1 44.5	111.3 50.5
Motor Input	hp W	0.278 200	0.54 400	0.536 400
Max. Current	A	1.0	2.0	2.0
Sound Level at 5 m (distance)	dB(A)	53	54	55

THERMAL CHARACTERISTICS (Thermal characteristics at ambient room temperature 59°F (15°C) and maximum airflow)				
MODEL		AC301-39W12		
Water Temperature at Inlet/Outlet	°F °C	203/158 95/70	176/140 80/60	140/104 60/40
Heat Output	kBTU/h kW	39.25 11.5	31.40 9.2	10.58 3.1
Air Temperature rise	°F °C	75.2 24	66.2 19	42.8 6
Water Flow	USGPH l/s	123.65 0.13	114.13 0.12	38.04 0.04
MODEL		AC301-59W20		
Water Temperature at Inlet/Outlet	°F °C	203/158 95/70	176/140 80/60	140/104 60/40
Heat Output	kBTU/h kW	67.56 19.8	54.59 16	27.30 8
Air Temperature rise	°F °C	78.8 26	71.6 22	68.0 20
Water Flow	USGPH l/s	188.74 0.2	199.74 0.21	104.62 0.11
MODEL		AC301-79W28		
Water Temperature at Inlet/Outlet	°F °C	203/158 95/70	176/140 80/60	140/104 60/40
Heat Output	kBTU/h kW	93.52 27.4	75.43 22.1	41.6 12.2
Air Temperature rise	°F °C	81.3 27	73.4 23	55.4 13
Water Flow	USGPH l/s	285.34 0.30	285.34 0.30	152.18 0.16

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

Ambient (Unheated)



GENERAL CHARACTERISTICS				
MODEL		AC301-39A	AC301-59A	AC301-79A
Voltage	V/PH/Hz	208/1/60		
Air Volume	cfm m ³ /h	1030 1750	1589 2700	2089 3550
Max. Door Height	ft m	11.5 3.5		
Length	ft mm	3.3 1000	4.9 1500	6.6 2000
Dimensions (Lx WxH)	in mm	46.1 x 20.6 x 9.3 1170 x 525 x 235	65.8 x 20.6 x 9.3 1670 x 525 x 235	83.1 x 20.6 x 9.3 2110 x 525 x 235
Weight	lb kg	59.5 27	86 39	100 45.5
Motor Input	hp W	0.29 220	0.59 440	0.59 440
Max. Current	A	1.1	2.0	2.1
Sound Level at 5 m (distance)	dB(A)	54	55	57