

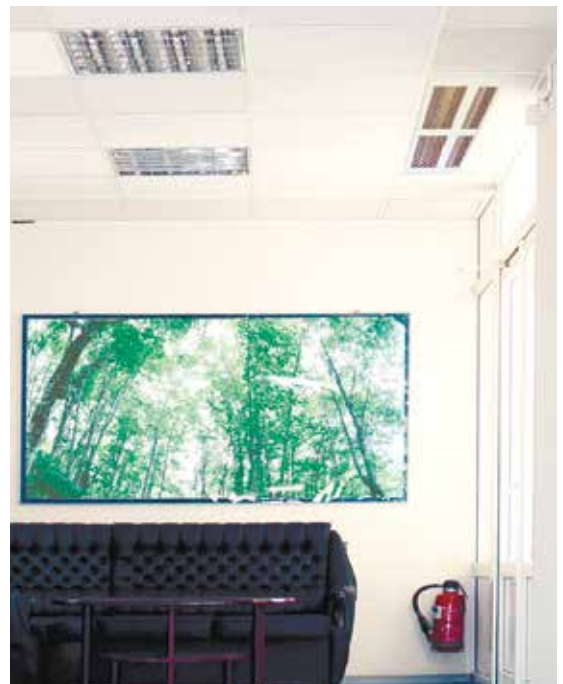
SERIES	AC301
AVAILABLE OPTIONS	Electric Heated Water Heated
MODELS	39E8, 79E16 39W11, 79W28
AVAILABLE VOLTAGES	208V/240V/1, 208V/240V/3, 480V/3, 600V/3

OVERVIEW

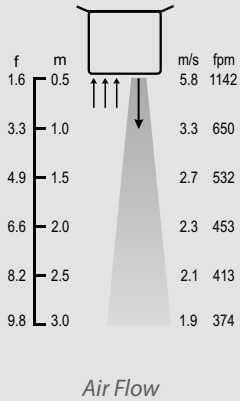


Series 301 - Designed specifically for installations into standard drop ceilings of up to 11' (3.5m) in height, but can be utilized wherever a flush mounted air curtain will be required for commercial, retail or institutional applications. Can be secured directly to structure from above or suspended on chains or threaded rods.

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



Electric Heated

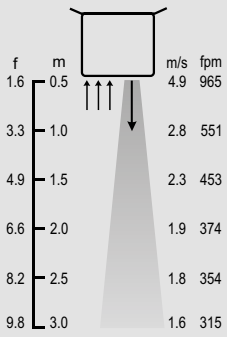


Air Flow

GENERAL CHARACTERISTICS			
MODEL		39E8	79E16
Heat Output	kBTU/h	27.3	54.9
	kW	8.0	16.1
Air Volume	cfm	1030	2091
	m ³ /h	1750	3550
Max. Door Height	ft	11.5	
	m	3.5	
Temperature rise	°F	25.2	25.2
	°C	14	14
Length	ft	3.3	6.6
	mm	1000	2000
Dimensions (Lx WxH)	in	43.5 x 17.3 x 11.8	80.7 x 17.3 x 11.8
	mm	1105 x 440 x 300	2050 x 440 x 300
Weight	lb	66.2	119.2
	kg	30	54
Motor Input	hp	0.31	0.63
	W	230	460
Sound Level at 5 m (distance)	dB(A)	53	57
*Max. Current unit (208V)	A	24.5	49.1
Maximum motor current	A	1.1	2.2
*Max. Current heating elements 480 V	A	10.1	20.2
		8.1	16.2

* See page 6.

Water Heated



Air Flow

GENERAL CHARACTERISTICS			
MODEL		39W11	79W28
Voltage	V/PH/Hz	208/1/60	
Heat Output	kBTU/h	39.2	93.5
	kW	11.5	27.4
Air Volume	cfm	972	1943
	m ³ /h	1650	3300
Max. Door Height	ft	11.5	
	m	3.5	
Temperature rise	°F	43.2	48.6
	°C	24	27
Length	ft	3.3	6.6
	mm	1000	2000
Dimensions (Lx WxH)	in	43.5 x 17.3 x 11.8	80.7 x 17.3 x 11.8
	mm	1050 x 440 x 300	2050 x 440 x 300
Weight	lb	70.6	132.4
	kg	34	60
Motor Input	hp	0.31	0.63
	W	230	460
Max. Current	A	1.1	2.2
Sound Level at 5 m (distance)	dB(A)	52	56

THERMAL CHARACTERISTICS (Thermal characteristics at ambient room temperature 59°F (15°C) and maximum airflow)							
MODEL		39W11					
Water Temperature at Intel/Outlet	°F	302/158	266/158	221/158	203/158	176/140	140/104
	°C	150/70	130/70	105/70	95/70	80/60	60/40
Heat Output	kBTU/h	26.28	36.52	38.6	39.25	31.40	10.58
	kW	7.7	10.7	11.3	11.5	9.2	3.1
Air Temperature rise	°F	28.8	41.4	43.2	43.2	34.2	10.8
	°C	16	23	24	24	19	6
Water Flow	USGPH	28.53	47.56	85.60	123.65	114.13	38.04
	l/s	0.03	0.05	0.09	0.13	0.12	0.04
MODEL		79W28					
Water Temperature at Intel/Outlet	°F	302/158	266/158	221/158	203/158	176/140	140/104
	°C	150/70	130/70	105/70	95/70	80/60	60/40
Heat Output	kBTU/h	111.95	105.12	96.93	93.52	75.43	41.6
	kW	32.8	30.8	28.4	27.4	22.1	12.2
Air Temperature rise	°F	61.2	55.8	50.4	48.6	41.4	23.4
	°C	34	31	28	27	23	13
Water Flow	USGPH	104.62	133.16	209.25	285.34	285.34	152.18
	l/s	0.11	0.14	0.22	0.30	0.30	0.16

* For water heaters this is 203 °F/158 °F (95°C/70°C) hot water