

Air Curtain Low Profile (LP)



FOR ENVIRONMENTAL CONTROL AND PERSONNEL COMFORT FOR OPENINGS UP TO 10' (120") HIGH

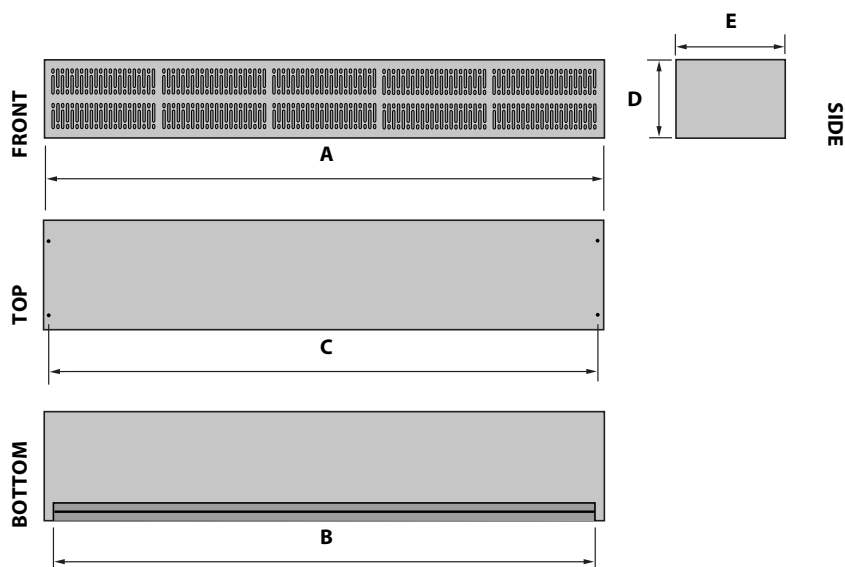


FEATURES

- $\frac{1}{5}$ Horsepower, variable-speed motors
- Stainless steel, single-piece construction
- Low profile design: Only 8.5" high
- Unmatched air flow uniformity
- Optional filters for improved air quality
- Low noise levels (53 dBA)
- Electric heat optional
- Single-phase or three-phase power
- Two-year parts warranty, 18 months for heated units
- Includes threaded inserts for top mounting

PERFECT FOR

- Drive-Through Windows
- Patios and Smoking Areas
- Retail and Commercial Doors
- Foodservice Doors
- Walk-In Coolers



S-LP-30-1	31"	29"	30"	8.5"	13.5"
S-LP-36-1	37"	35"	36"	8.5"	13.5"
S-LP-42-1	43"	41"	42"	8.5"	13.5"
S-LP-48-1	49"	47"	48"	8.5"	13.5"
S-LP-60-1	61"	59"	60"	8.5"	13.5"
S-LP-72-2	73"	71"	72"	8.5"	13.5"
S-LP-84-2	85"	83"	84"	8.5"	13.5"
S-LP-96-2	97"	95"	96"	8.5"	13.5"
S-LP-108-2	109"	107"	108"	8.5"	13.5"
S-LP-120-2	119"	117"	118"	8.5"	13.5"



BENEFITS

- Immediate energy savings—payback in as little as two years
- Prevents infiltration of cold or warm air, increasing comfort
- Stops outside drafts, flying insects and airborne pollutants
- Increased visibility—no physical barrier in the opening
- Optional supplemental heat, increases comfort

RECOMMENDED ACCESSORIES

- Variable Speed On / Off Switch
(built-in or remote mount)
- Door Switch
- Time Delay

Nozzle Width		29"	35"	41"	47"	59"	71"
Number of Motors		1	1	1	1	1	2
Horsepower per Motor		$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$
Amp Draw	120/1/60	4.4	4.4	4.4	4.4	4.4	8.8
	208/1/60 or 230/1/60	2.0	2.0	2.0	2.0	2.0	4.0
	480/1/60	1.1	1.1	1.1	1.1	1.1	2.2
	575/1/60**	0.9	0.9	0.9	0.9	0.9	1.8
Maximum FPM at Nozzle		3050	3050	3050	3050	3050	3050
Average FPM		2045	2142	2086	2045	1928	2142
CFM at Nozzle		897	1178	1339	1500	1767	2356
Outlet Velocity Uniformity		92%	95%	95%	92%	92%	95%
Unheated Weight (lbs)		42	53	60	67	85	94
Heater kW		8	8	8	16	16	16
Temperature Rise		24°	22°	20°	33°	29°	22°
Electric Heater Amp Draw*	208/1/60	40.5	40.5	40.5	N/A	N/A	N/A
	240/1/60	35.3	35.3	35.3	N/A	N/A	N/A
	208/3/60	24.2	24.2	24.2	46.4	46.4	46.4
	240/3/60	21.2	21.2	21.2	40.5	40.5	42.5
	480/3/60	10.7	10.7	10.7	20.3	20.3	21.4
Heated Weight (lbs)		47	59	69	77	91	102

Nozzle Width		83"	95"	107"	119"
Number of Motors		2	2	2	2
Horsepower per Motor		$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$
Amp Draw	120/1/60	8.8	8.8	8.8	8.8
	208/1/60 or 230/1/60	4.0	4.0	4.0	4.0
	480/1/60	2.2	2.2	2.2	2.2
	575/1/60	1.8	1.8	1.8	1.8
Maximum FPM at Nozzle		3050	3050	3050	3050
Average FPM at Nozzle		2087	2045	2142	2103
CFM at Nozzle		2678	3005	3534	3856
Outlet Velocity Uniformity		95%	95%	95%	95%
Unheated Weight		105	114	130	141
Heater kW		24	32	32	32
Temperature Rise		29°	33°	29°	27°
Electric Heater Amp Draw*	208/1/60	N/A	N/A	N/A	N/A
	240/1/60	N/A	N/A	N/A	N/A
	208/3/60	70.6	40.6	90.6	90.6
	240/3/60	61.7	81	81	81
	480/3/60	31.1	40.7	40.7	40.7
Heated Weight		115	123	139	152

* More than one power supply may be required.

**Transformed to 120v.