

# Air Curtain Installation Instructions



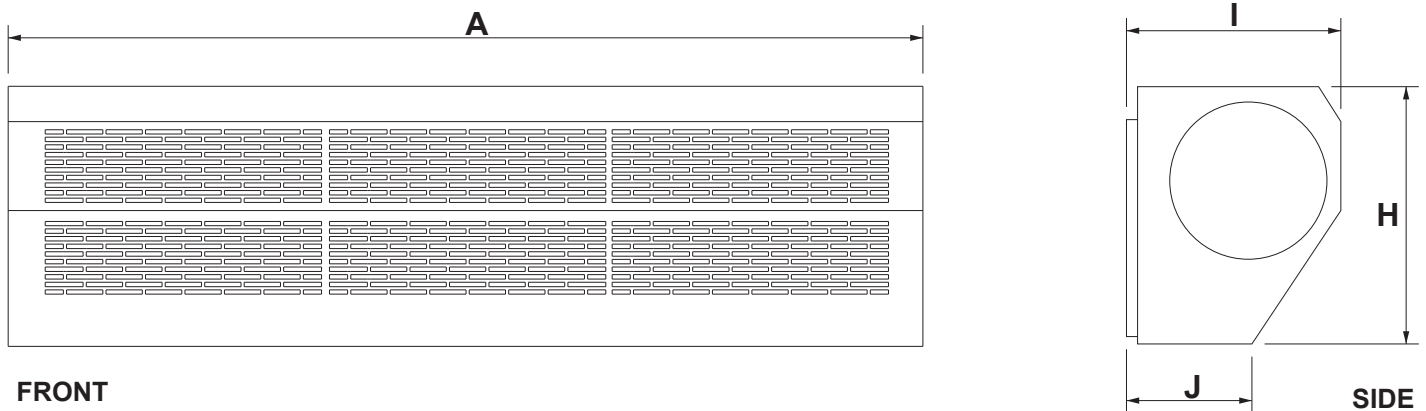
## CAUTION: READ CAREFULLY

- Do not install unit outdoors
- Do not install unit where it can get wet or near excessive steam or corrosive gases
- Use unit at voltage and frequency specified
- Never use harsh chemicals to clean the unit

### TOOLS NEEDED:

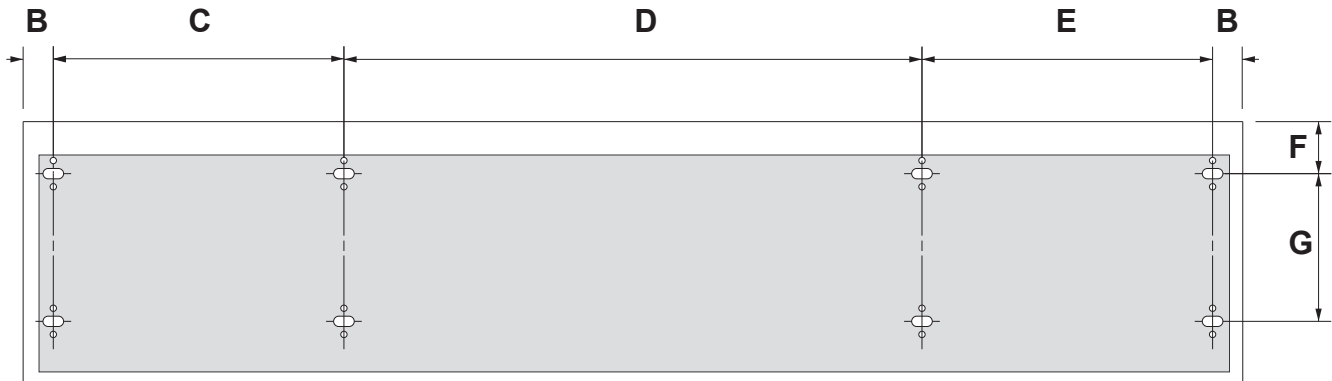
- Pen or Pencil
- Drill
- Phillips Screwdriver
- Tape Measure
- Ladder

## PART DIMENSIONS



FRONT

SIDE



BACK (mounting plate is shaded portion)

ENAMEL COATED AIR CURTAIN DIMENSIONS										
Part Number	A	B	C	D	E	F	G	H	I	J
475009	36"	1 3/16"	11 7/16"	22"	—	2"	5 13/16"	10 1/8"	8 1/2"	5 1/4"
475010	42"		11 7/16"	22"	—					
475012	48"		17"	10 5/8"	17"					
475015	60"		22 7/16"	10 5/8"	22 7/16"					

STAINLESS STEEL AIR CURTAIN DIMENSIONS										
Part Number	A	B	C	D	E	F	G	H	I	J
475009	36"	1 3/16"	11 7/16"	22"	—	2"	5 13/16"	10 1/8"	8 1/2"	5 1/4"
475010	42"		11 7/16"	22"	—					
475012	48"		17"	10 5/8"	17"					
475015	60"		22 7/16"	10 5/8"	22 7/16"					

FOR ANY QUESTIONS OR COMMENTS, PLEASE CONTACT AN ALECO REPRESENTATIVE

2720 E. Avalon Ave. Muscle Shoals AL, 35661 • Phone (256) 248-2402 or toll free 1-800-633-3120

Fax: 1-800-750-9616 • email: info@aleco.com • web: www.aleco.com

# INSTALLATION

**NOTE:** For freezer applications, mount unit to **OUTSIDE** of freezer to prevent motor and fans from freezing.

**Step 1** Remove mounting plate from unit by loosening screws and pulling it back [1] and down [2].

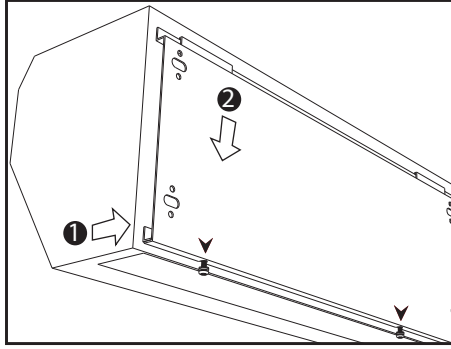


Figure A

**NOTE:** Keep in mind when installing, unit is designed for indoor use only.

**Step 2** Using the mounting plate as a template, mark and drill the holes.

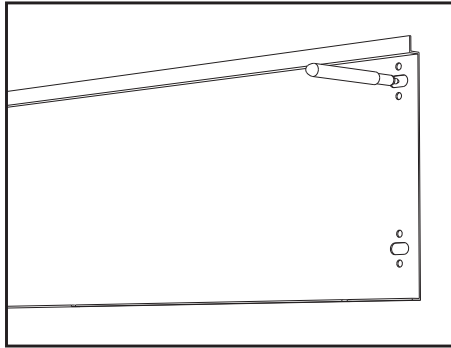


Figure B

**Step 3** Mount the plate using fasteners suitable for the application, making sure plate is snug against the wall.

**Step 4** Attach unit to mounting plate and tighten screws on bottom.

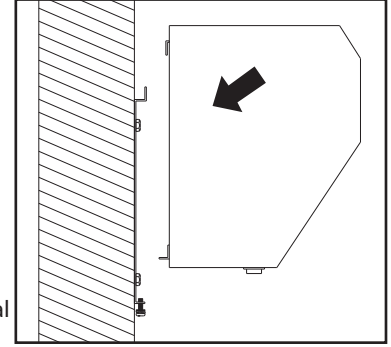


Figure C

**Step 5** Plug unit into wall outlet using the furnished 5 foot cord located on top center of unit or wire unit according to local code.

**NOTE:** When entrance is wider than unit, it is recommended to install units side by side, approximately 1" - 2" apart.

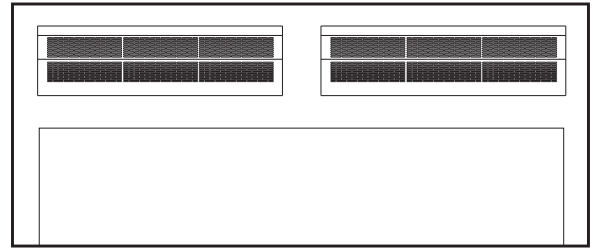


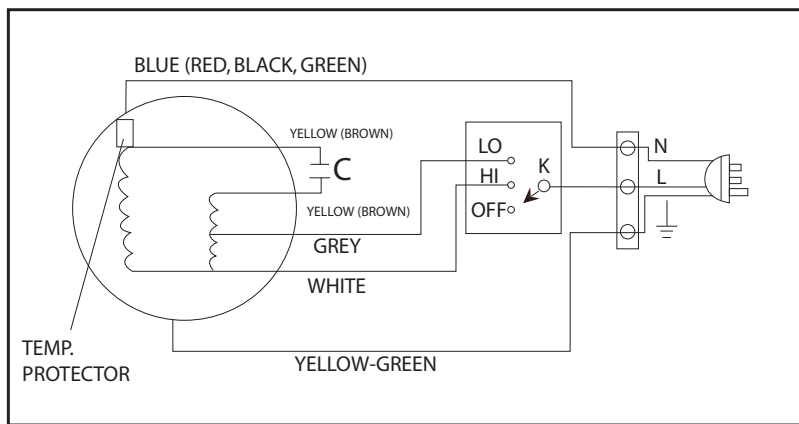
Figure D

# UNIT SPECIFICATIONS

ENAMEL COATED MODEL TECHNICAL SPECIFICATIONS											MOTOR SPECIFICATIONS									
Part Number	Unit Size (L x W x H)	Volt/Freq (V/Hz)	Input Power (W)		Avg. Air Velocity	Max Air Velocity	Air Vol. (cfm)		Noise (dB)		Net Weight (lbs)	Current (A)	Power (KW)	RPM	Horsepower					
			Hi	Lo			Hi	Lo	Hi	Lo										
475009	36" x 8.5" x 10"	110/60	350	345	2260 FPM	2560 FPM	890	740	60	58	31	3.00	0.35	1400	0.47					
475010	42" x 8.5" x 10"		500	495			950	790	60	58						33	3.74	0.50	1400	0.67
475012	48" x 8.5" x 10"		600	595			1365	1135	61	59						37	5.25	0.60	1400	0.80
475015	60" x 8.5" x 10"		670	665			1660	1385	62	60						44	5.75	0.67	1400	0.90

STAINLESS STEEL MODEL TECHNICAL SPECIFICATIONS											MOTOR SPECIFICATIONS									
Part Number	Unit Size (L x W x H)	Volt/Freq (V/Hz)	Input Power (W)		Avg. Air Velocity	Max Air Velocity	Air Vol. (cfm)		Noise (dB)		Net Weight (lbs)	Current (A)	Power (KW)	RPM	Horsepower					
			Hi	Lo			Hi	Lo	Hi	Lo										
475018	36" x 8.5" x 10"	110~120/60	500	495	2850 FPM	3150 FPM	1210	990	69	67	43	3.74	0.50	1600	0.67					
475021	42" x 8.5" x 10"		650	645			1355	1100	71	69						48	5.40	0.65	1600	0.87
475024	48" x 8.5" x 10"		650	645			1860	1515	73	71						53	5.40	0.65	1600	0.87
475027	60" x 8.5" x 10"		800	795			2325	1890	75	73						62	6.80	0.80	1600	1.00

# ELECTRICAL GUIDE



Be sure to comply with all NEC guidelines regarding electrical wiring and connections.