

# JetStream® 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

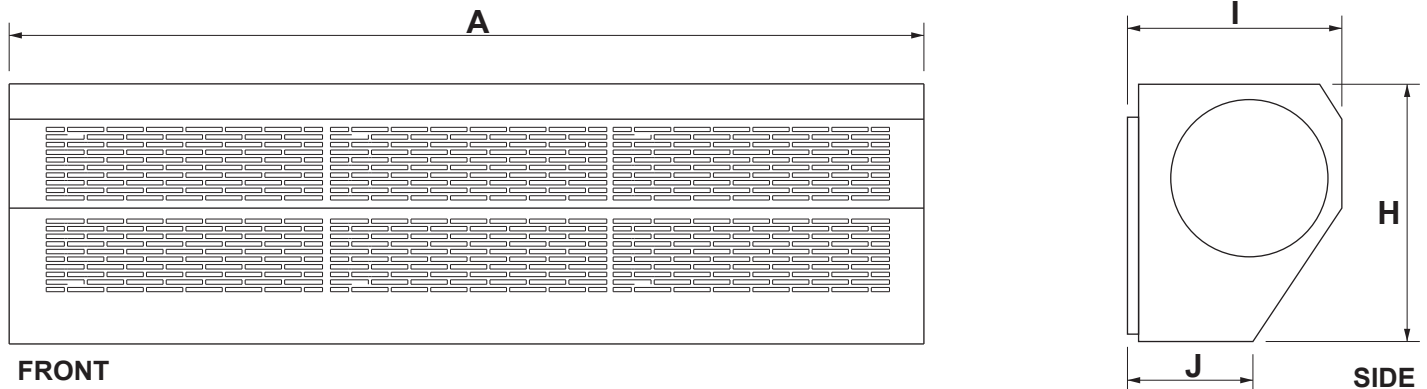
- TOOLS NEEDED:**
- Pen or Pencil
  - Drill
  - Phillips Screwdriver
  - Tape Measure
  - Ladder

### IMPORTANT - PLEASE READ!

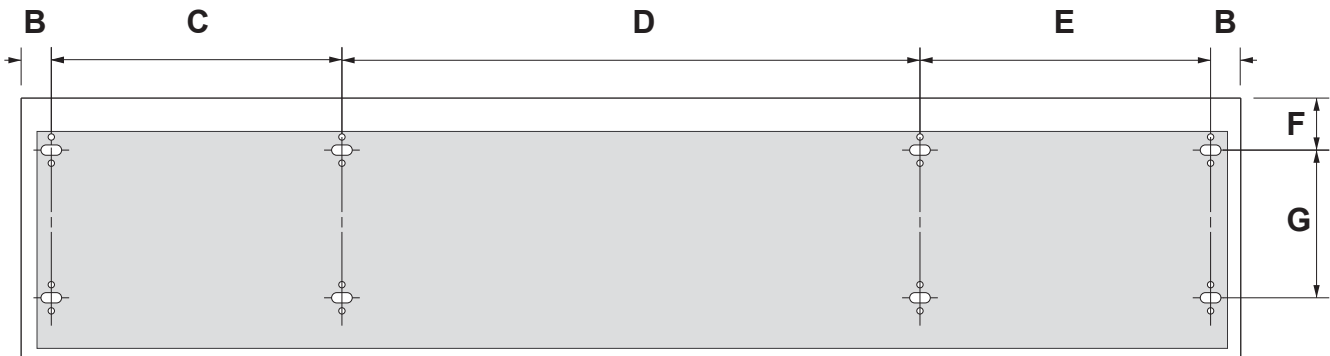
If the air curtain is dropped on its side during shipment, the blower wheels may come out of the side bushings. **BEFORE OPERATING** be sure to check the blower wheels on the left and right side of the unit! Follow these steps to correct the problem:

- 1) Unscrew and remove the intake grill on the front and the round end-plate on the side of the unit.
- 2) Loosen the set screw that holds the blower wheel on the motor shaft.
- 3) Remove the rubber bushing from the round end-plate and push onto the round metal bearing that is attached to the end of the blower wheel. Make sure the rubber bushing is bottomed out on the bearing.
- 4) Reattach the round end-plate to the unit and then slide the blower wheel toward the end-plate, pushing the rubber bushing back into the plate.
- 5) Tighten the set screw to hold the blower wheel on the motor shaft. Reattach the intake grill.

### PART DIMENSIONS



FRONT



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
475018	36"	1 3/16"	11 7/16"	22"	—	2"	5 13/16"	10 1/8"	8 1/2"	5 1/4"
475021	42"		11 7/16"	22"	—					
475024	48"		17"	10 5/8"	17"					
475027	60"		22 7/16"	10 5/8"	22 7/16"					

# 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].

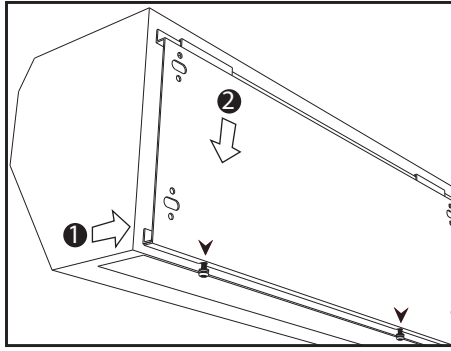


Figure A

**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. The distance between the bottom of the plate and the top of the door should not exceed 3 in.

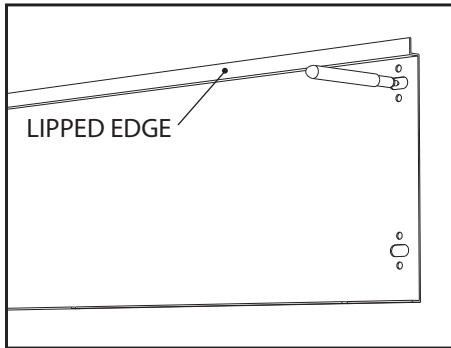


Figure B

**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.

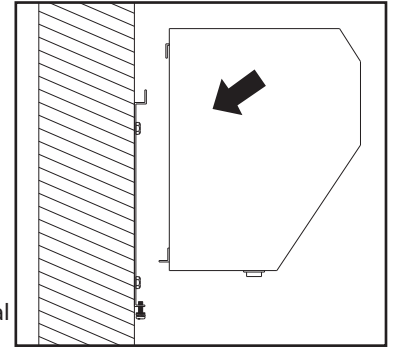


Figure C

**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.

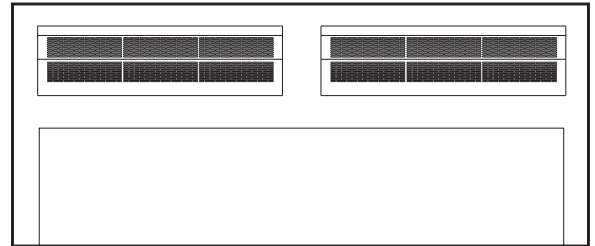


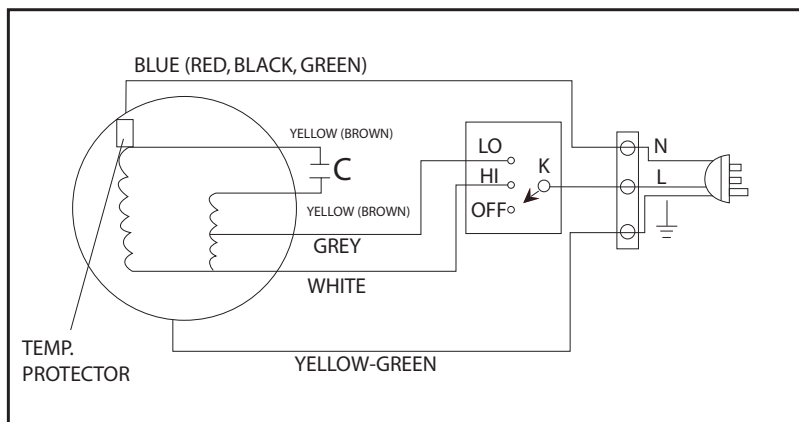
Figure D

# 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
475012	48" x 8.5" x 10"		600	595			1365	1135	61	59						37
475015	60" x 8.5" x 10"		670	665			1660	1385	62	60						44

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
475024	48" x 8.5" x 10"		650	645			1860	1515	73	71						53
475027	60" x 8.5" x 10"		800	795			2325	1890	75	73						62

# ELECTRICAL GUIDE



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