

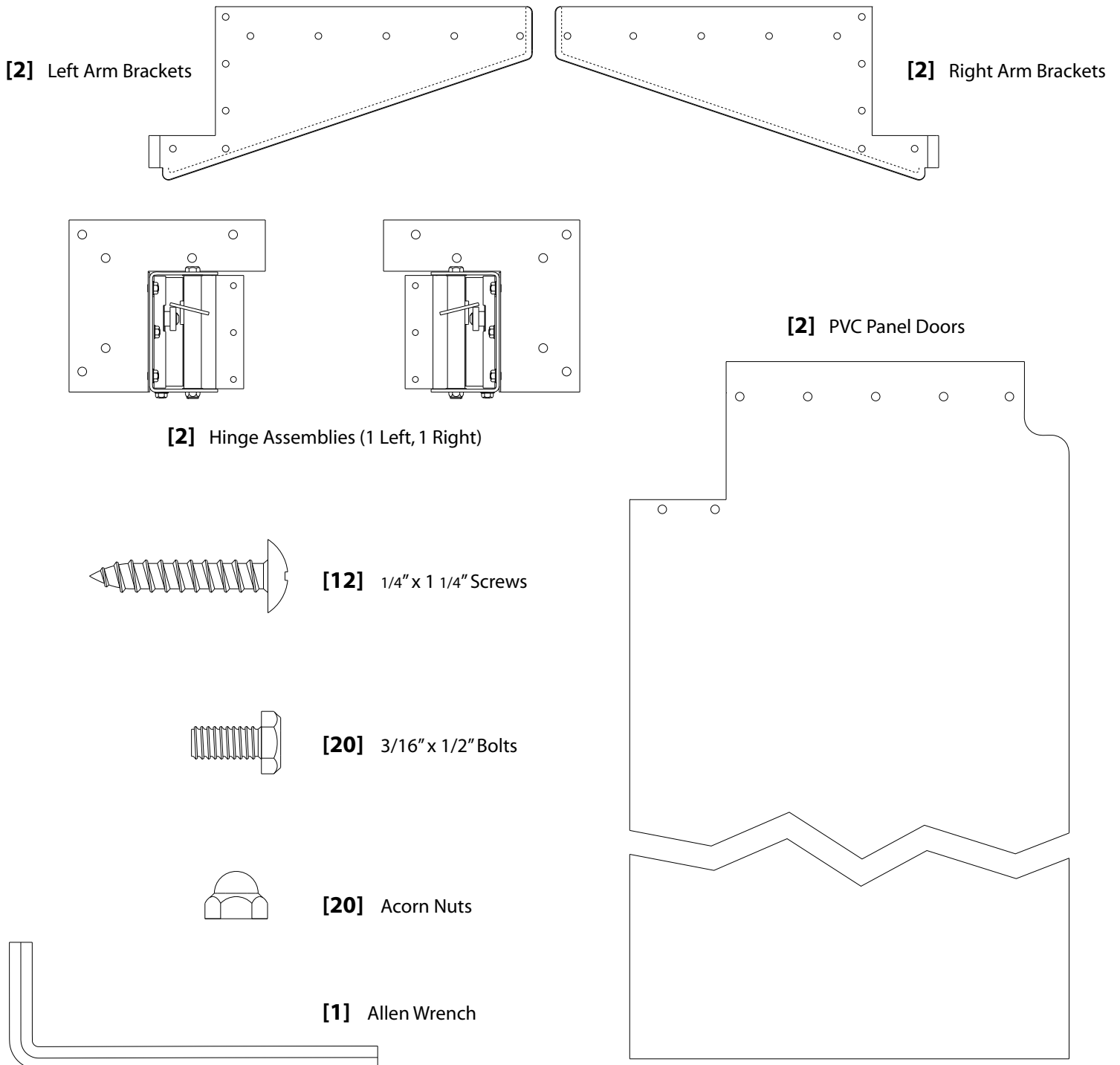
# Clear-Valu® ImpacDor® Installation Instructions



- PARTS INCLUDED:**
- (4) Arm Brackets (2 for each side)
  - (2) Hinge Assemblies
  - (2) PVC Panel Doors
  - (12) 1/4" x 1 1/2" Screws
  - (20) 3/16" x 1/2" Bolts
  - (20) Acorn Nuts
  - (1) Allen Wrench

- TOOLS NEEDED:**
- Marker to Mark Holes
  - Drill with 5/32" Bit
  - Adjustable Wrenches
  - Phillips Screwdriver
  - Step Stool or Ladder
  - Tape Measure
  - Utility Knife

## KIT CONTENTS



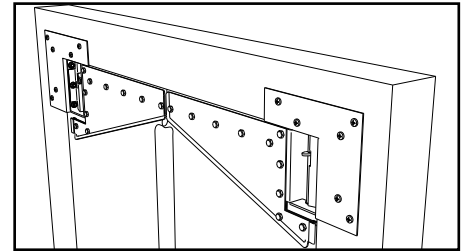
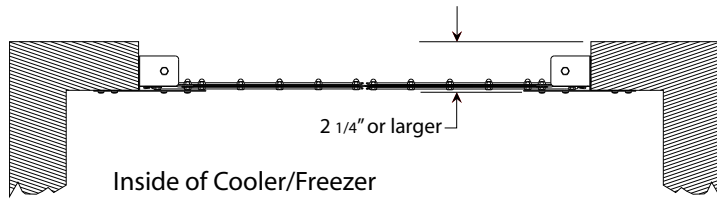
# INSTALLATION VARIATIONS

The drawings below illustrate the three variations that can be used when mounting your Aleco® Clear-Valu® ImpacDor®. The thickness of your door jamb as well as how your cooler/freezer is used will determine which installation to use. The door jamb MUST be at least 2 1/4" wide.

**NOTE:** When checking the thickness of your door jamb make sure the jamb will be substantial enough to hold the weight of the door. Check with your cooler/freezer manufacturer if questionable.

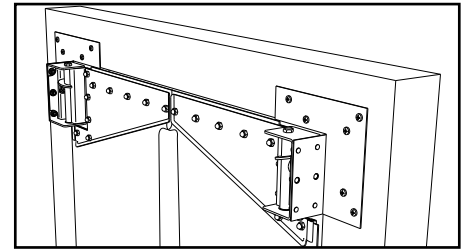
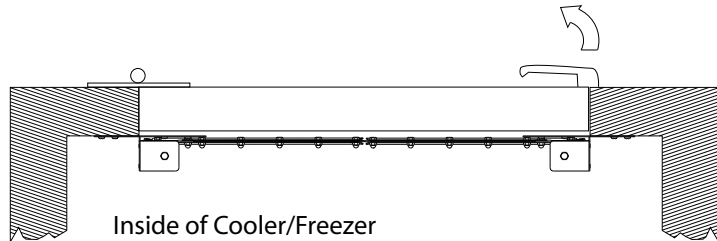
## A In-Jamb Mount Using Mounting Plate

Hinge is placed on inside of door jamb so that it is flush with door opening. It is mounted to inside of cooler/freezer using mounting plates. This installation is recommended for non-freezer/cooler doors.



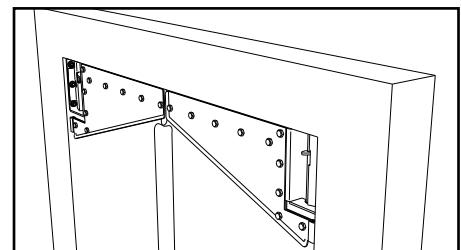
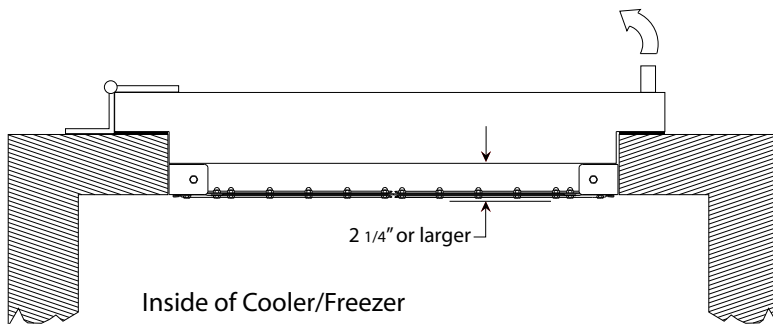
## B Surface Mount

Hinge is mounted to inside surface of freezer door using mounting plate.



## C In-Jamb Mount Without Mounting Plate

Hinge is mounted on inside of door jamb using hinge bracket only, no mounting plates.



**NOTE:** The following steps cover installing the left side hinge. Follow these same steps when installing the hinge on the right side.

## A IN-JAMB MOUNT USING MOUNTING PLATE

**Step 1** Place hinge on the upper corner of the jamb as illustrated in Figure A. Mark the six holes with a pen or marker.

**NOTE:** Make sure panel will be able to move freely beneath header of door with a minimal gap.

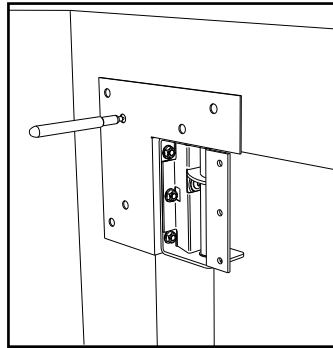


Figure A

**Step 2** Drill the holes using a 5/32" drill bit.

**Step 3** Place hinge on wall and screw down tightly with supplied 1/4" x 1 1/4" screws as shown in Figure B.

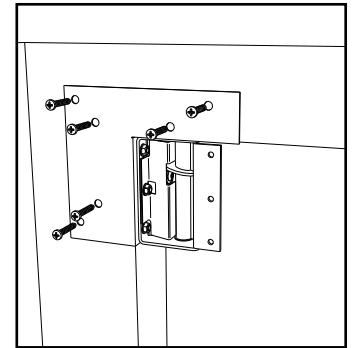


Figure B

**Step 4** Sandwich PVC panel between arm brackets and attach using seven of the provided bolts and acorn nuts as shown in Figure C.

**NOTE:** Be sure to attach the PVC panel as shown in Figure C, using the correct holes. The three holes marked with arrows in the illustration will be used to attach the brackets to the hinge in the next step.

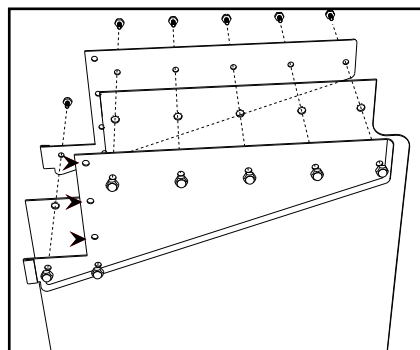


Figure C

**Step 5** Slide assembled door panel onto hinge and bolt together using the three remaining acorn nuts and bolts provided.

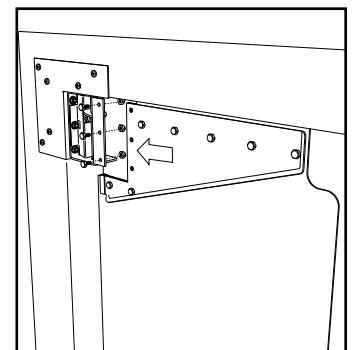


Figure D

## B SURFACE MOUNT

**Step 1** Place hinge on the upper corner of the jamb as illustrated in Figure E. Mark the six holes with a pen or marker.

**NOTE:** Make sure panel will be able to move freely beneath header of door with a minimal gap.

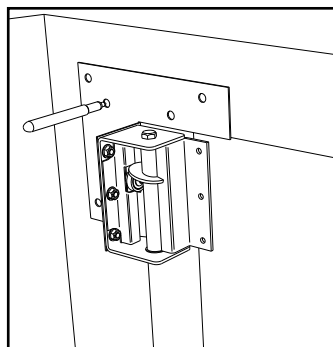


Figure E

**Step 2** Drill the holes using a 5/32" drill bit.

**Step 3** Place hinge on wall and screw down tightly with supplied 1/4" x 1 1/4" screws as shown in Figure F.

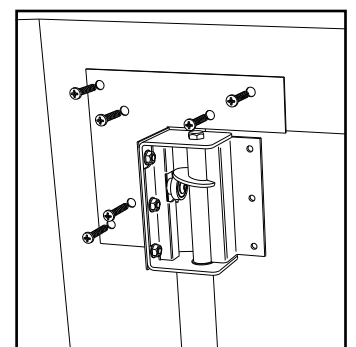


Figure F

**Step 4** Sandwich PVC panel between arm brackets and attach using seven of the provided bolts and acorn nuts as shown in Figure G.

**NOTE:** Be sure to attach the PVC panel as shown in Figure G, using the correct holes. The three holes marked with arrows in the illustration will be used to attach the brackets to the hinge in the next step.

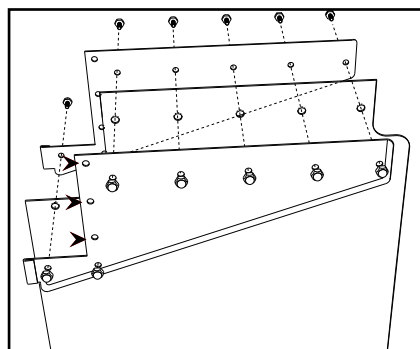


Figure G

**Step 5** Slide assembled door panel onto hinge and bolt together using the three remaining acorn nuts and bolts provided.

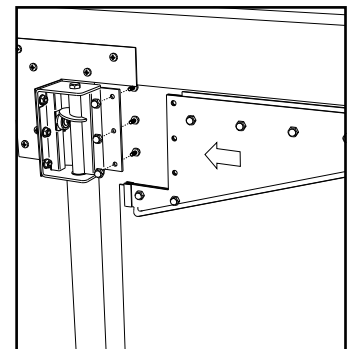


Figure H

**Step 1** Remove mounting plate from hinge by loosening the two nuts on each side of the hinge bracket. Refer to Figure I.

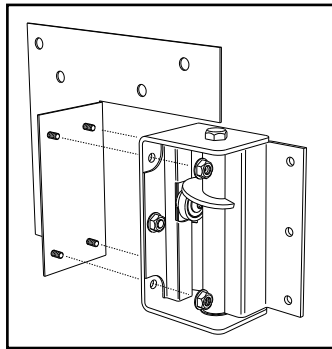


Figure I

**Step 2** From INSIDE the cooler/freezer measure 2 1/4" and make a mark. Then draw a plumb line to line up the hinge on (see Figure J).

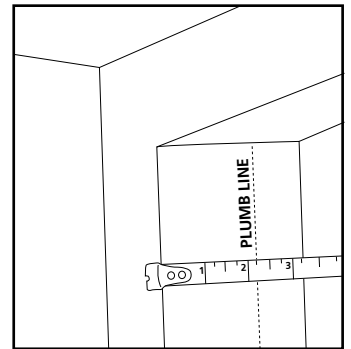


Figure J

**Step 3** Place hinge on the upper corner of the jamb as close to the header as the hinge will allow as shown in Figure K. Mark the four holes with a pen or marker.

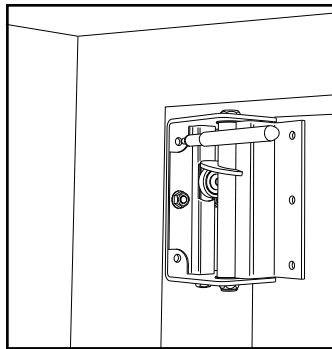


Figure K

**Step 4** Drill holes using a 5/32" drill bit.

**Step 5** Place hinge on wall and screw down tightly with supplied 1/4" x 1 1/4" screws as shown in Figure L.

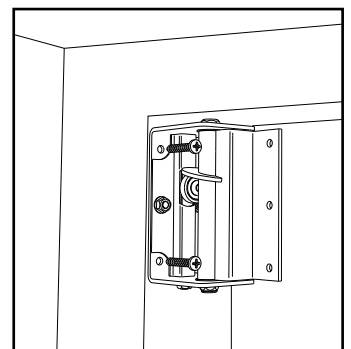


Figure L

**NOTE:** Make sure panel will be able to move freely beneath header of door with a minimal gap.

**Step 6** Sandwich PVC panel between arm brackets and attach using seven of the provided bolts and acorn nuts as shown in Figure M.

**NOTE:** Be sure to attach the PVC panel as shown in Figure M, using the correct holes. The three holes marked with arrows will be used to attach the brackets to the hinge in the next step.

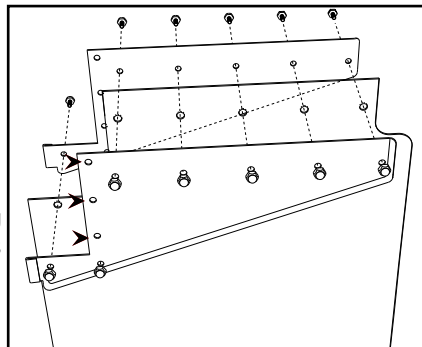


Figure M

**Step 7** Slide assembled door panel onto hinge and bolt together using the three remaining acorn nuts and bolts provided.

**NOTE:** If side of PVC panel rubs against jamb, try using washers as spacers. Place washers on each screw between hinge and jamb.

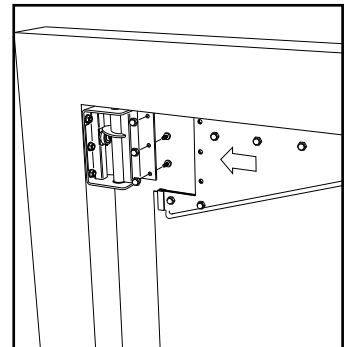


Figure N

## ADJUSTMENTS

**Alignment** If panels do not align at the overlap, LOOSEN (do not remove) the center adjusting nuts shown in figure O. Slide the plate to the left or right to adjust the PVC panel. Once the panels are lined up, tighten the nuts.

**NOTE:** If door panels are too long, the bottom of the PVC panel can be trimmed using a utility knife. 1/8" clearance recommended.

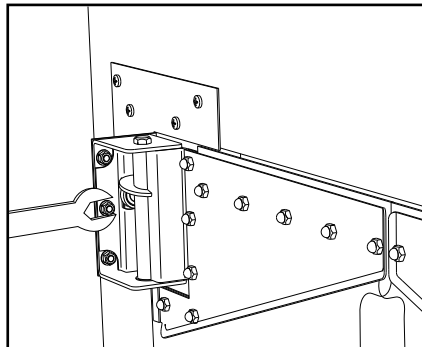


Figure O

**Tension** If the door is not returning to a complete closed position, the tension may need to be increased.

To adjust the cam spring, first loosen the lock nut on the bottom of the mounting bracket. Then, using the allen wrench provided, screw clockwise to tighten or counter-clockwise to loosen.

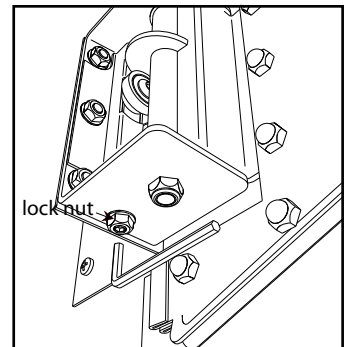


Figure P