ENERGY DOOR COMPANY

Frame & Doors
Installation instructions

For Prime, Vue, Select, ProE & Everest

Rev 11 - 2026-06

For spare parts & questions

1-844-433-0332

Energy Door Company
180 Arboit Street • L'Assomption • Quebec • J5W 4P5 • CA
www.energydoorco.com

Table of Contents

Safety and Warnings

Please read carefully the section below before installing:

This instruction is a general instruction on frame and door installation that applies to a majority of ENERGY DOOR COMPANY frame configurations. As a result, the model shown in the photos may be different from the model you are installing. For any questions or additional information, please contact one of our technical support representatives.

For your own safety, the safety of others, and to maintain the integrity of ENERGY DOOR COMPANY 's product, you must adhere to each of the safety instructions presented. All instructions that are presented in this manual should be performed by a qualified operator. The qualified operator is the one with relevant expertise and experience, allowing him to identify all potential risks and hazards when performing these steps and using the EDC products presented in this manual. The steps that are described in this manual may be accompanied by safety symbols, which are shown and explained below. These symbols may inform you of potential hazards, safety instructions or extra information.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

Safety Symbols

Potential risk of eye injury. Wearing safety glasses is mandatory when performing this step, or any other related steps.

Potential risk of hand injuries. Wearing protective gloves is mandatory when performing this step, or any other related steps.

Risk of electric shock. This step must be performed by a professional who has the required skills. The operator should exercise caution when performing this task and related tasks. Improper performance of this task can result in serious injury, fire, electric shock, or death.

This symbol indicates a warning – Read warning carefully and thoroughly before performing this step, or any other related steps.

Stop – Read instructions carefully and thoroughly before you begin.

Helpful Information.

Model name

EVR_5_STD_M_300750_PKG

Model	Number of Doors	Opening	Usage	Width	Height	Family
Prime (PRM)		Standard (STD)	Normal Temp (M)			
Vue (VUE)		French (FRC,FR1, 1FR)	Low Temp (L)			
Select (SLT)		French With Mullion (FRM)				
ProE (PRO)						
Everest (EVR)						

Standard Product Dimensions

Width	1 Door	2 Doors	3 Doors	4 Doors	5 Doors
24	25-1/8"	48-7/8"	72-5/8"	96-3/8"	120-1/8"
26	28-5/16"	55-1/4"	82-3/16"	109-1/8"	136-1/16"
28	30-5/16"	59-1/4"	88-3/16"	117-1/8"	146-1/16"
30	31-13/16"	62-1/4"	92-9/16"	123-1/8"	153-9/16"

Height	67"	75"	79"

Depth	3"

Frame installation

Please, use the following protective equipment for the next steps described below.

Potential risk of eye injury. Wearing safety glasses is mandatory when performing this step, or any other related steps.

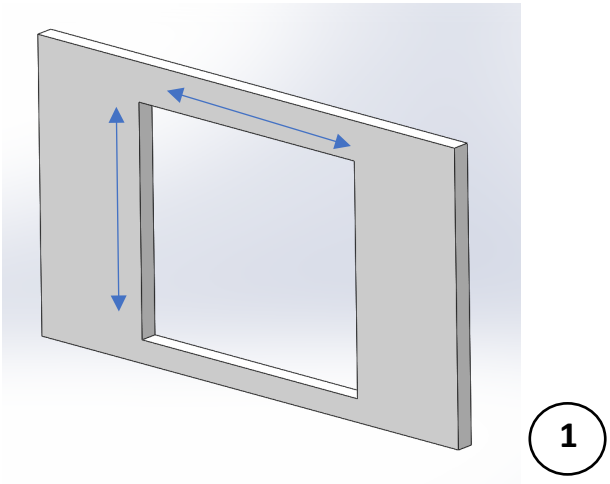
Potential risk of hand injuries. Wearing protective gloves is mandatory when performing this step, or any other related steps.

Tool required

- Cordless impact drill.
- Laser Level.
- Caulking gun.
- Caulking.
- Measuring Tape.
- Plastic Shims.
- Screwdriver (Phillips and Flat).

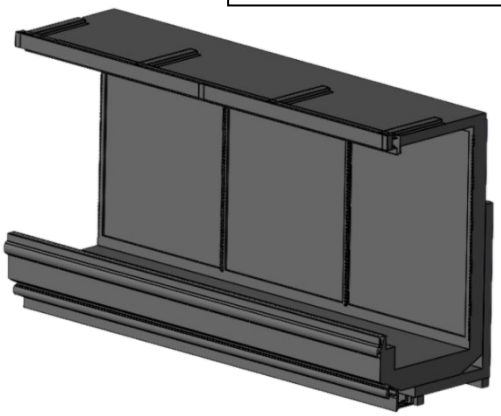
1. Before installing the frame, please confirm the size of the net opening (wall or case opening), in comparison with the dimensions of the frame. The spacing between the frame and the net opening should not be greater than 1/8 inch. If the spacing is greater than 1/8 inch, you will have to shim the gap for a proper installation. Refer to the Shimming section if it is the case. The lowest part of the sill should be at least two inches off the ground.

Please note that clearance between the frame sill and the ground is mandated by local building codes.



1

Close the case



2. Insert the frame in the Net Opening (wall or case opening).

3. Install a laser that points to the top of the frame to ensure that the fixing of the frame will be level. Screw the top mounting screws.

4. Looking behind the frame, check if there is any gap between the frame and the Net Opening. If the spacing is greater than 1/8 inch, you will have to shim the gap for a proper installation (Refer to the **Shimming section**).

5. Install a laser that points to the side of the frame. Screw the side mounting screws, on one side. At this moment, place the laser so that it points on the top of the frame to verify that it is always squared. If this is not the case, partially unscrew the side and top screws and screw them one at a time alternately. If this is the case, screw the mounting screws on the other side.

6. Screw the mounting screws on the bottom of the frame and check one last time if everything is level.

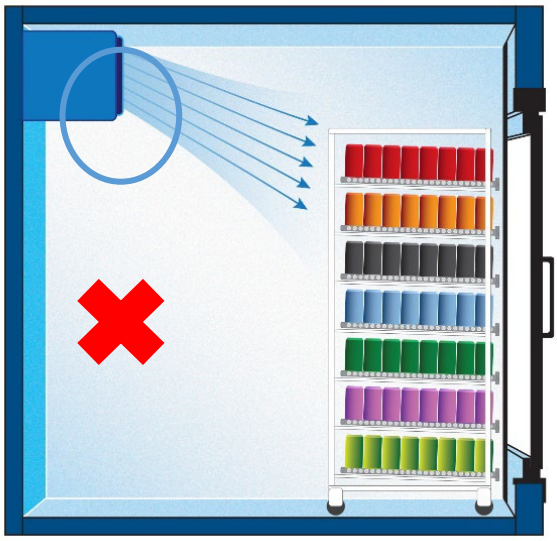
7. If the frame has lights, turn on the switch that is located on one of the mullions on its right side. This way, when the connection of the frame to a power source will be made, it will be easy to see if the connections have been made correctly if the lights turn on.

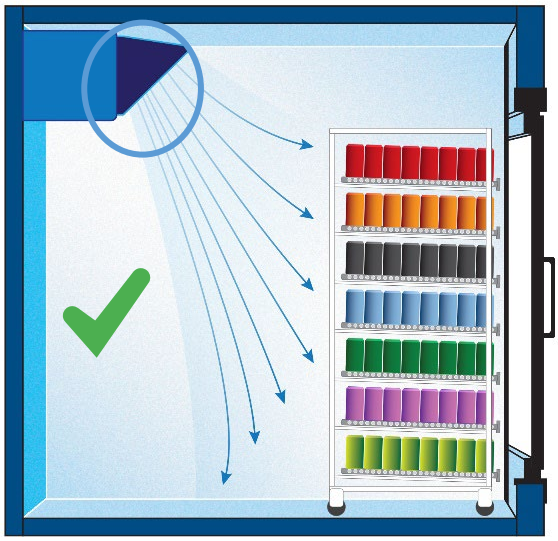
8. Install the doors (Refer to the **Door installation section**).

Operational requirements and recommendations for optimal performance

The installation of EDC doors in various applications requires specific conditions on the property to provide optimal performance. Please note that the ambience conditions in your area may vary.

- It's recommended that HVAC vents be positioned so they don't blow directly on doors.
- The air must be deflected from the backs of the frame. If this is not done, both NT and LT frames may sweat causing a warranty claim.





NORMAL TEMP	
MODELS	OPERATING CONDITIONS
EVEREST, SELECT, ProE, PRIME AND VUE	75°F, 60% RH AMBIENT / 35°F WALK-IN

LOW TEMP	
MODELS	OPERATING CONDITIONS
EVEREST, SELECT AND ProE	75°F, 55% RH AMBIENT / -10°F FREEZER

Stop – Warning

If the operating conditions of the refrigerator/freezer and storage room exceed the established limits, condensation may occur, causing moisture to form on the doors. Facility operators must periodically monitor these conditions to ensure that they remain within the required parameters.

- The use of high-viscosity dielectric grease is recommended for the hinge pin receptacle.
- The temperature settings of the refrigerator/freezer must not be operated below the recommended temperatures; see the operating conditions.
- The evaporators must be equipped with a termination control to finalize the cycle if the coil is damaged. It is recommended to program defrosting during periods of low activity. Adjusts evaporator defrosting time, recommended
- The refrigerator/freezer must be inspected regularly for air leaks. Perform a visual inspection of structural penetrations of the box and adjacent surfaces. You can smoke stick or equivalent to detect infiltrations in the refrigerator/freezer.
- We kindly recommend the installation of air deflectors on each evaporator in front of the walk-in refrigerator/freezer.

Note: ANSI/NSF 2 Standards requires **Flat-Head Philips screws** to be used to mount the frame in the net opening. Use the provided screws or a valid substitute.

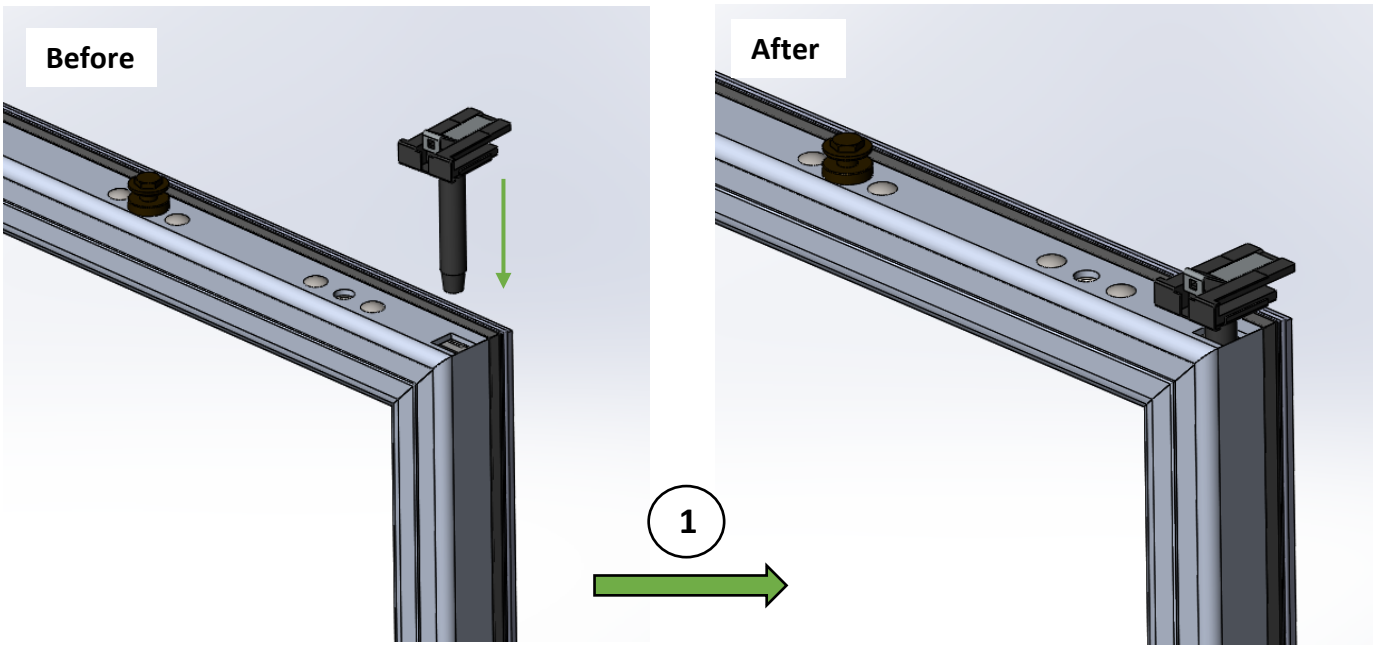
Shimming

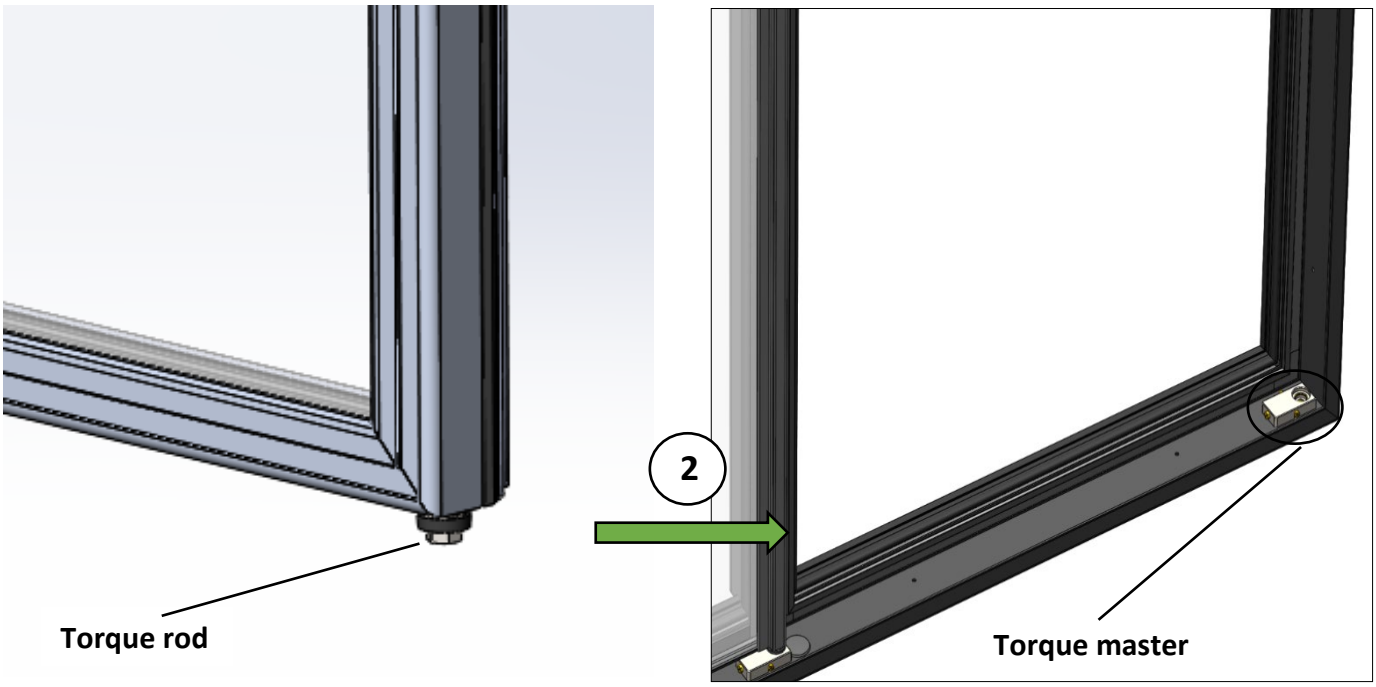
If there is any gap between the frame and the Net Opening greater than 1/8 inch, you will have to shim the gap for a proper fit.

- Measure the difference in height and width between the frame and the Net Opening. Divide this dimension by two, which will give the thickness of the shim to put.
- Use penetrable and sturdy material, such as rubber or wood shim to fill the gap.
- When you shim between the underside of the frame and the sill, distribute the shims below the hindes of the door, where the weight will be concentrated.
- Cut the shim 1/16 smaller than the width of the frame so that it does not exceed. If necessary, place a shim with the same length on the opposite side of the Net opening for an equal fit.
- Use food grade silicon sealant along with the shim.

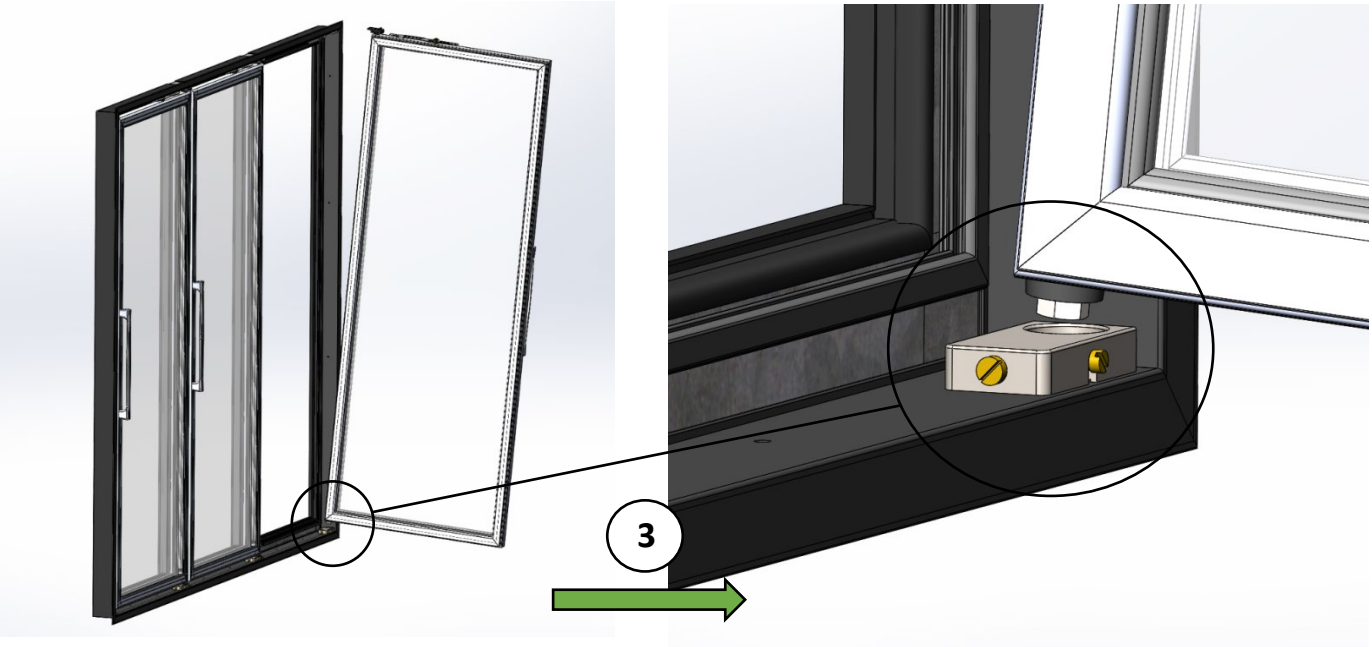
Door installation

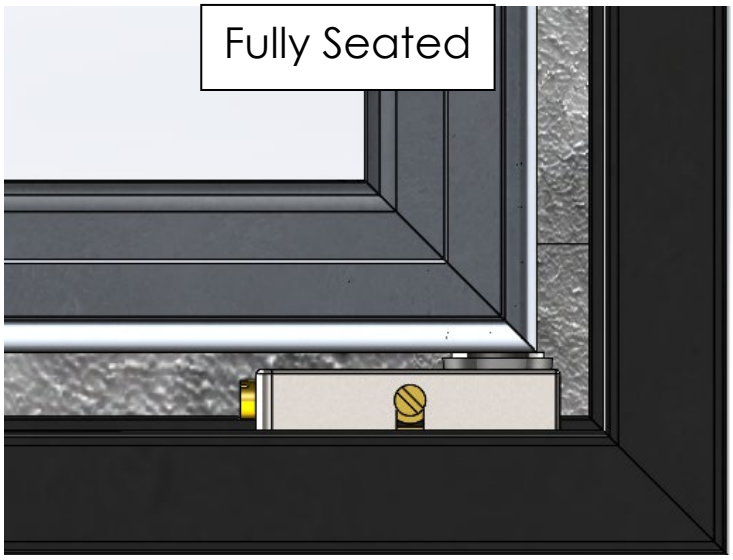
1. Insert hinge pin into the hole on the top of the door.
2. Locate the hex head of the torque rod, at the bottom of the door, and locate torque master on the frame.



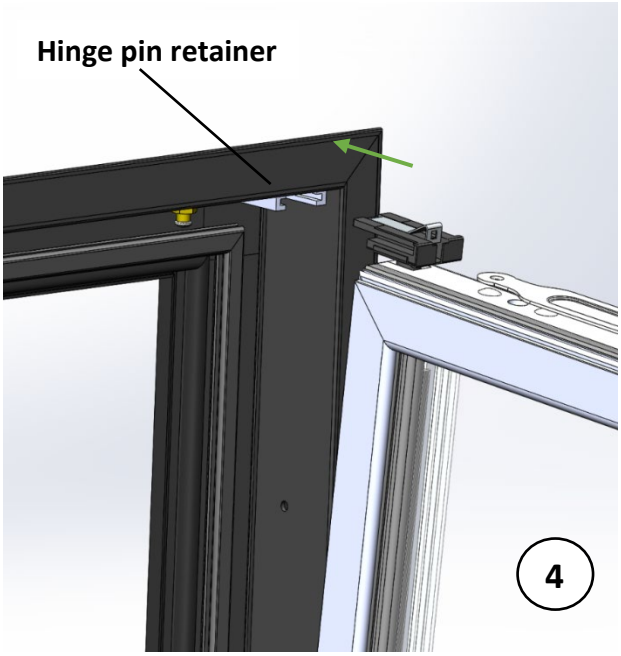


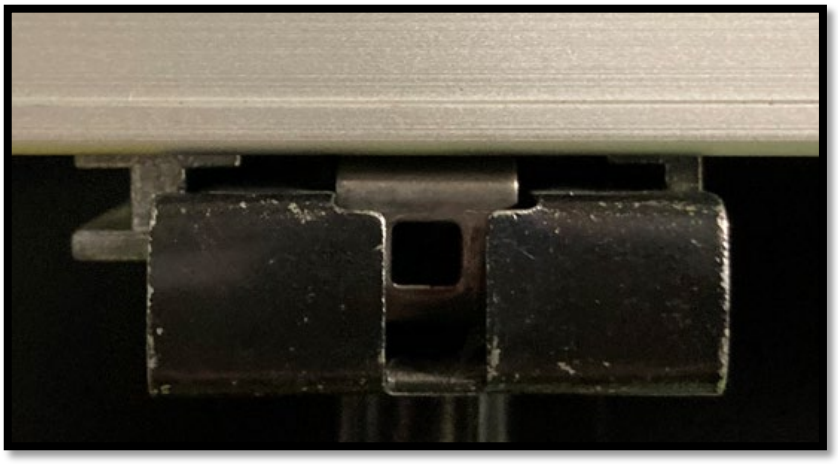
3. Position the door with a slight angle and insert the hexagonal head of the torque rod into the torque master, as shown in the picture.





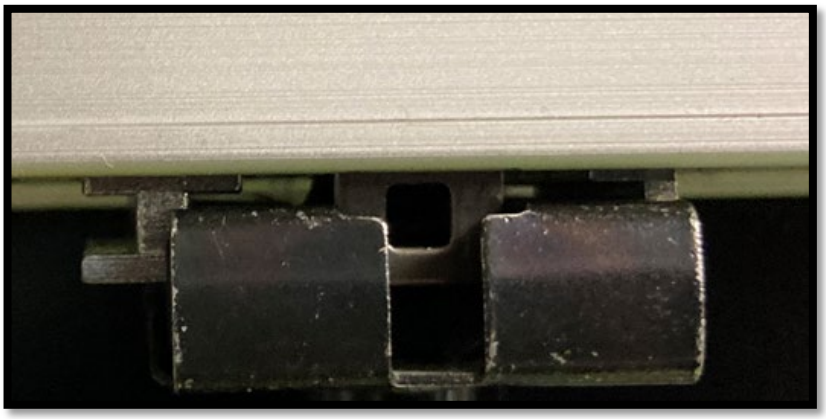
4. Align the hinge pin of the door with the hinge pin retainer that is fixed to the frame.
5. With hinge pin aligned in hinge pin retainer, place hand like shown and push perpendicularly until you hear a click. The click means that the hinge pin has been correctly engaged in the hinge pin retainer.





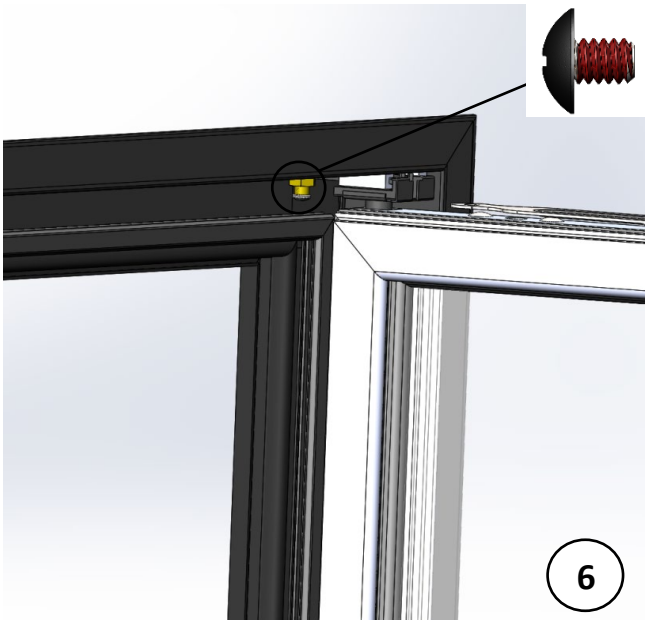
Not Engaged

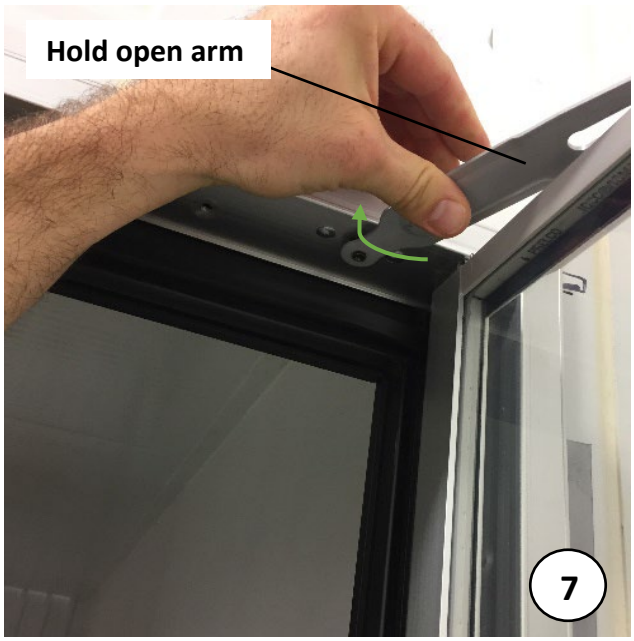
Fully Engaged

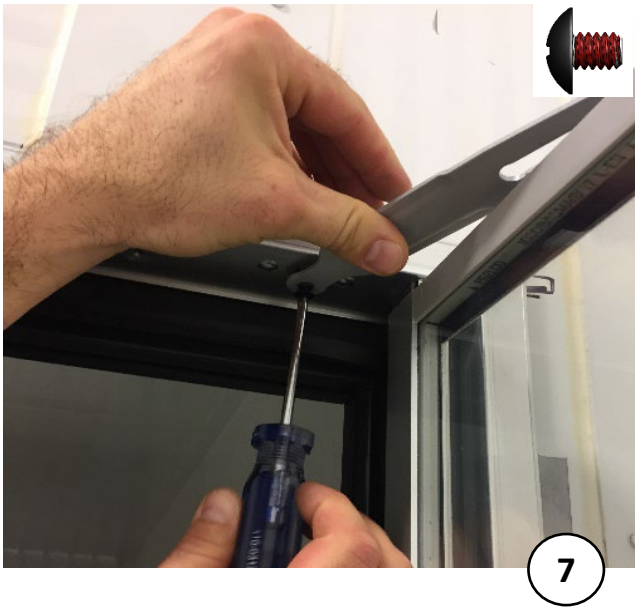


6. Remove the plastic cap from the Phillips-head screw on the hold open arm.
7. Align hole of the hold open arm (already fixed on door from manufacturing) with the hole of the standoff screw. Then, screw the Phillips-head screw that was previously removed, back into place.

⚠ **Warning: Use a screwdriver and do not use excessive force when screwing.**

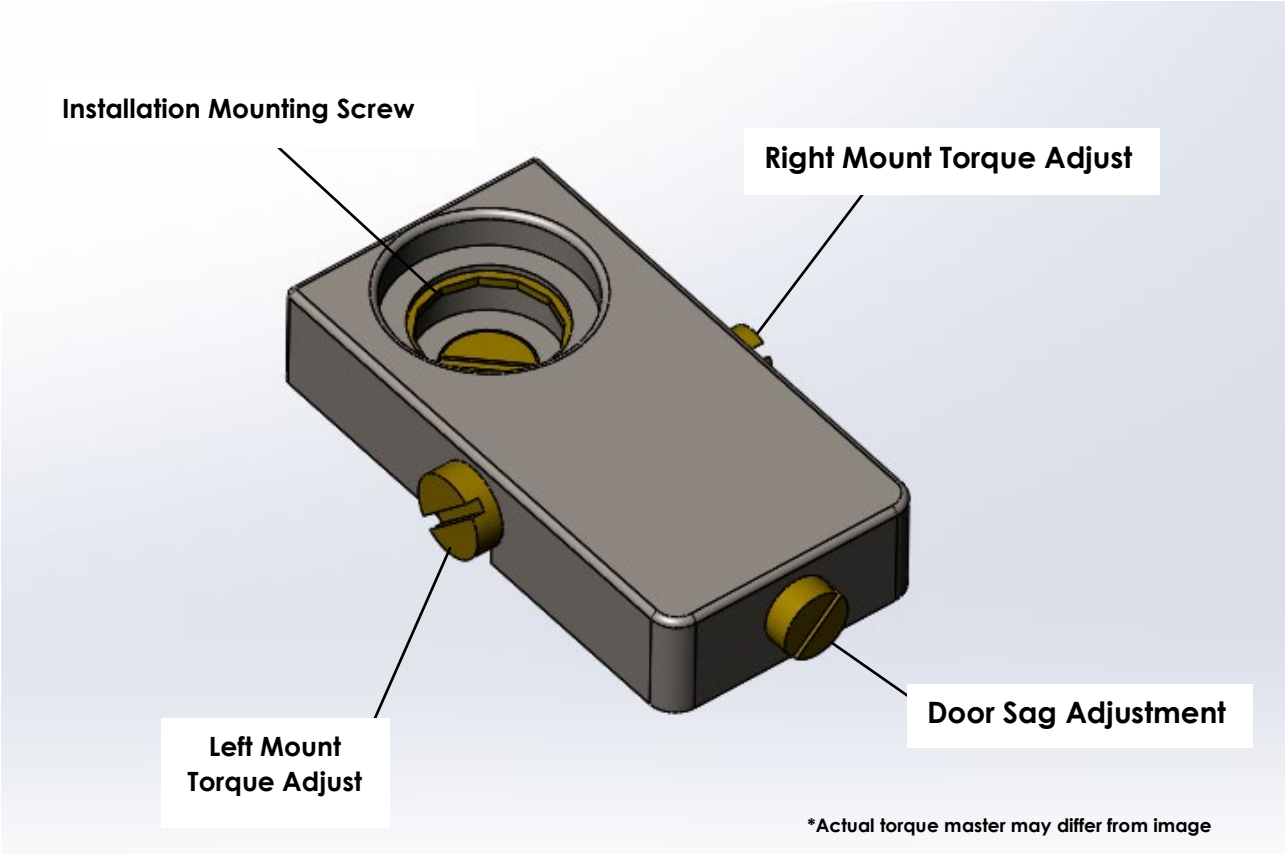






The door is now fully attached to the frame. Set the door tension swing and correct the door alignment by adjusting the Torque Master. Please read "Torque and Sag adjustment" section.

Torque and Sag adjustment



Warning : Do not use power tool to adjust torque master. Please use a flathead screwdriver.

Torque adjustment

Depending on the direction of the door swing (right swing or left swing), the torque master will be oriented in one direction or the other. To adjust the torque, adjust the mount facing the installer.

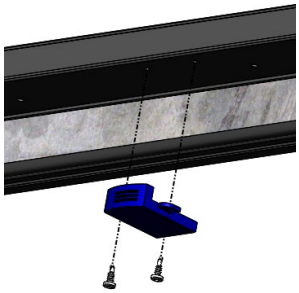
- Turn counter-clockwise to increase tension
- Turn clockwise to decrease tension

Sag adjustment

- Turn counter-clockwise to raise handle side of door
- Turn clockwise to lower handle side of door

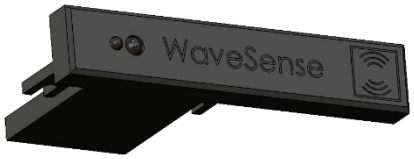
Humidity Sensor Installation

The humidity sensor measures store temperature and humidity which the energy controller uses to activate heating keeping the frame above dew point. When shipping, it is wrapped at the top of the frame to prevent damage during transport.



Using the two provided philips screws, mount it against the top of the middle of the frame in the pre-drilled holes.

Occupancy Sensor Installation

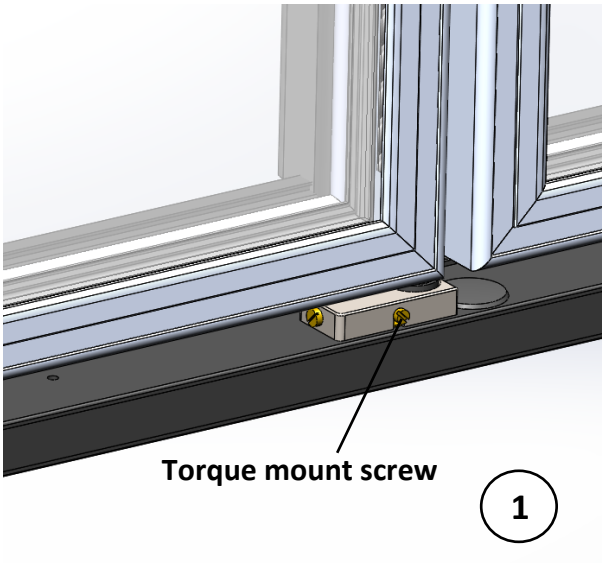


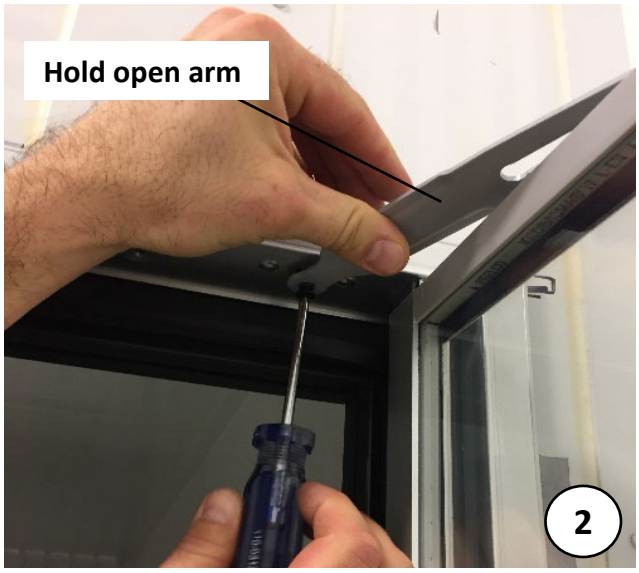
The occupancy sensor can detect motion in a range up to 10 meters in front of the frame. If no motion is detected for a minute, the LED light bars will slowly dim until they shut off. At any point, should they detect movement, the LED light bars will return to full brightness.

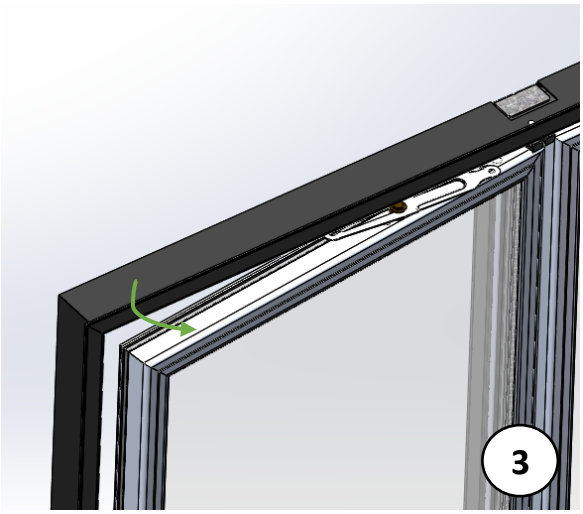
The occupancy sensor will be wrapped to the top of the frame to prevent damage during transport. Remove the wrapping and using the provided Philips screws, mount the occupancy sensor next to the humidity sensor using the pre-drilled holes.

Removing the door

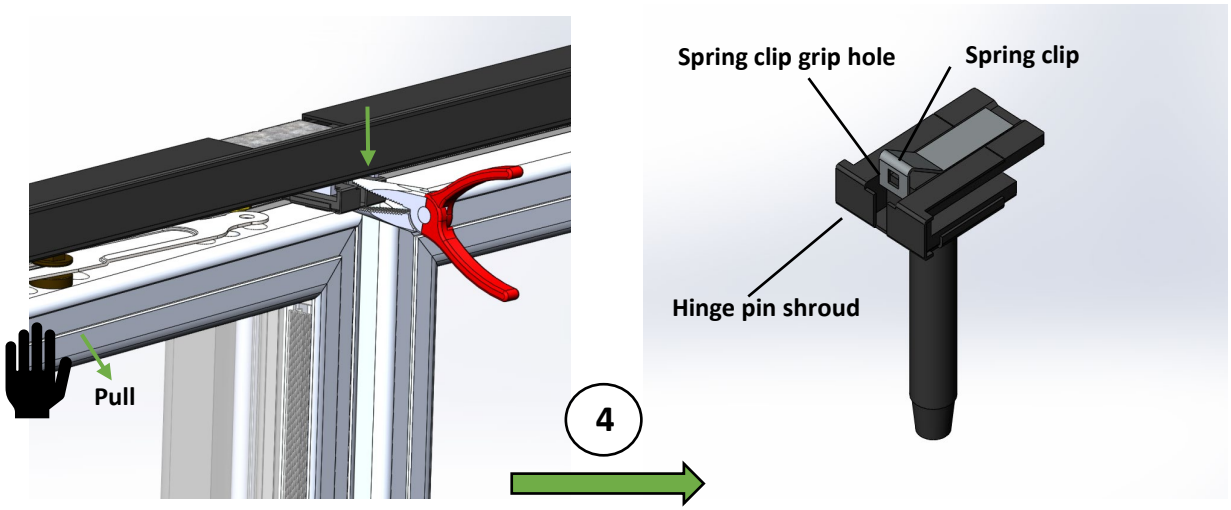
1. With a Flat screwdriver, reduce torque master tension by unscrewing (clockwise) the torque mount screw. Check that the tension has been lowered sufficiently, ensuring that the door does not close once opened.
2. Unscrew the Phillips-head screw that holds the hold open arm.
3. Open the door about one inch wide.

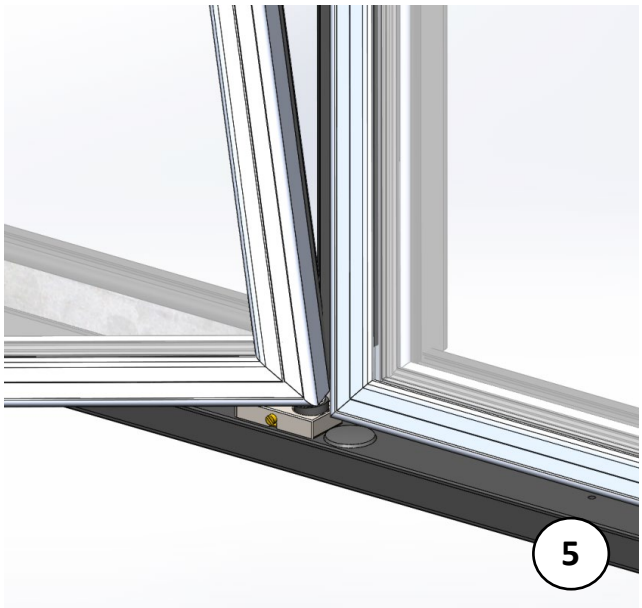






4. With long nose pliers or any narrow flat screwdriver, nail, pin or Allen key in hand, insert it into the spring clip grip hole. Press the pliers to compress the spring clip or move the pin, nail, Allen key or screwdriver upward (so it touches the top of the frame and act as a lever to push down the spring clip grip hole) and simultaneously pull on the upper part of the door to disengage it.
5. Lift the door to release it from the torque master and set it aside securely on a flat and stable surface.





Electrical Outlet Connections

Risk of electrical shock. Please contact a qualified electrician.

Installation of this assembly requires a person certified and knowledgeable of electrical systems complying with local electrical regulations (electrical safety standards and laws, accident and fire prevention laws, EC directives). Any extra component needed such as overcurrent protection or outlet box must be provided by the customer.

1. Power Off & Verification

- Turn off the power at the **circuit breaker (service panel)** and **verify it's de-energized** using a non-contact voltage tester.

2. Outlet Box Installation

- Locate the electrical cord on the **top right of the frame**.
- Install a ETL certified **outlet box 1–2 feet from the enclosure**, ensuring:
    - Proper clearance (no obstructions).
    - Secure mounting to a **vertical stud** using **wood screws** through the box's side holes. *(Avoid drywall anchors; stud mounting is stronger.)*
    - *Route electrical wiring through a knockout hole and secure the seal tight tubing to the outlet box using a strain relief. Leave at least 6 inches of each wire.*

3. Power Supply Wiring

- Route a **120VAC, 60Hz power supply** to the outlet box using:
    - **Minimum 14 AWG cable** (for 15A circuits).
    - **NM (Romex) or conduit-protected wiring** if exposed.

4. Fixed Wiring Disconnection Requirement

- Provide a means of disconnection in the fixed wiring, in accordance with local wiring rules (e.g., NEC, CEC):
    - This can be a dedicated circuit breaker, fused isolator, or switch that disconnects **all live conductors supplying the unit.**
    - The disconnection device must be **readily accessible** and located within sight of the appliance.
    - Mark the disconnecting device clearly to identify the circuit it controls.

5. Grounding Connection

- Connect the **ground wire (green/bare copper)** to the **marked silver ground screw** on the outlet box.
    - Ensure a **tight connection** and check for continuity if possible.

6. Live & Neutral Connections

- Using **14 AWG-rated twist-on wire nuts or lever nuts**:
    - **First**, connect all **neutral wires (white/white-red/white-blue)** per the circuit diagram.
    - **Then**, connect all **live (hot) wires (black/red/blue)**.
    - **Tug-test** each connection to ensure no loose wires.

7. Secure Wiring & Final Assembly

- Use the provided **conduit fittings** to:
    - Strain-relieve and **lock cords in place**.
    - Install the **outlet box cover** securely.

8. Power Restoration & Testing

- Only after all connections are secure:
    - Turn the power back on at the breaker.
    - **Test the outlet with a multimeter or plug tester** to confirm correct wiring (no open ground/reverse polarity).

Disconnection Instructions

Disconnection Warning

Turn off power at the breaker and verify it is de-energized before disconnecting. Failure to do so may cause serious injury or death.

1. **Power Off & Verification**
   - Turn off the power at the circuit breaker (service panel).
   - Verify the circuit is de-energized with a non-contact voltage tester before touching any wires.

2. **Remove Outlet Box Cover**
   - Unscrew and remove the outlet box cover.
   - Visually inspect wiring before handling.

3. **Disconnect Live & Neutral Wires**
   - Loosen and remove wire nuts or lever nuts.
   - Separate all **live (hot)** wires (black/red/blue) and cap each individually with an insulated wire connector.
   - Separate all **neutral** wires (white/white-red/white-blue) and cap each individually.

4. **Disconnect Grounding Connection**
   - Loosen the ground screw and detach the **ground wire (green/bare copper)** from the outlet box.

5. **Remove Wiring from Outlet Box**
   - Loosen conduit fittings or strain reliefs.

6. **Outlet Box Removal (If required)**
   - If the outlet box is to be removed:
     - Unscrew the box from the stud.
     - Remove all associated conduit or seal-tight tubing.

7. **Final Safety Check**
   - Confirm all wires are capped or properly terminated.
   - Restore power at the breaker **only after** the wiring has been safely disconnected and secured.