



INSTALLATION INSTRUCTIONS

SERIES 7200 | PIVOT SWING DOOR SYSTEM



ALL WEATHERTM
ARCHITECTURAL ALUMINUM



INSTALLER

- Read instructions completely before attempting installation. Failure to follow these guidelines will forfeit all warranties (written or implied). All Weather will not be held responsible for any claims or damages resulting from installation.
- Always provide a copy of these instructions to the homeowner.
- Contact your architect or construction professional for installation into other building designs or construction methods.
- Structural support of the sill is required to support the entire sill width, and depth of the sill's interior edge, to the exterior nose of the sill extrusion. If the architect's details do not include this type of structural support, a structural support must be installed and flashed.
- Regional codes and environmental conditions may require installation that is different from these guidelines. It is your responsibility to ensure that local codes and ordinances are followed.

WARNING

- **Work Safe!** Always wear proper eye and hearing protection when installing or adjusting units.
- **Properly!** To avoid personal injury, always follow manufacturers' instructions for safe operation of power tools.
- **Ladder Safety!** Working at elevated levels can be hazardous. Always use ladders and scaffolding properly. Consult manufacturers' guidelines for safe use of these types of equipment.

IMPORTANT

- All Weather reserves the right to change the information contained in these guidelines without notice.
- Maintain a minimum of ¼" between the door frame and any trim, siding or masonry.
- Steel fasteners will corrode when used with ACQ pressure treated lumber. Use corrosion resistant fasteners (such as stainless steel) when installing doors in or around these types of materials.
- Doors must be properly flashed and sealed around the perimeter.

HANDLING AND STORAGE

- Always carry door panels upright. Do not carry flat! Doing so could result in damage to the panels.
- Do not store units outside.



OVERVIEW OF INSWING & OUTSWING PIVOT DOORS

Inswing & Outswing doors are a popular choice for entryways as well as patio and deck applications. Pivot doors are single or double configurations with a variety of handing options.

RECOMMENDED TOOLS (NOT SUPPLIED):

- Carpenter's Level (Optional: Laser Level)
- Wrench or Ratchet
- Rubber Mallet
- Tape Measures
- Caulking Gun and Sealant
- Self-Leveling Epoxy
- Power Drill
- Impact Driver

INCLUDED PARTS:

- Installation Screws
- Ladder pull or swing handle
- Floor Closer or Adjustable Bottom Pivot



PART 1: PREPARE THE OPENING

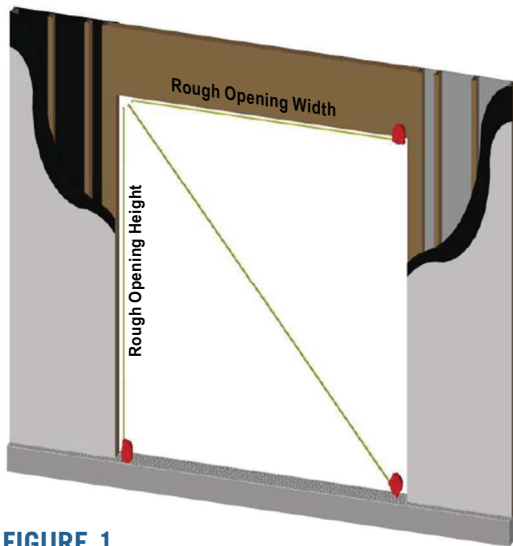


FIGURE 1

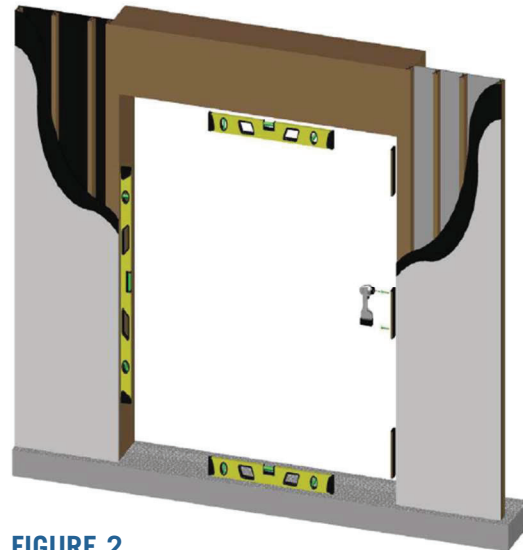


FIGURE 2

1. Prior to checking the dimensions for the systems, ensure that the opening is square and plumb at the size stated on your order. (Fig.1)
2. Using a tape measure, check the height, width, and the dimension across the opening. The opening should be 1" larger than the assembled unit. (Fig.1)

Note: Shimming & leveling the system properly is highly important, do not over or under shim.

3. Once you are sure that the frame fits properly in the opening, it is time to prepare the opening for the new system. If the opening needs to be shimmed, go ahead and apply the shims as necessary. There should still be at least $\frac{1}{2}$ " of clearance around the entire system. (Fig.2)
4. Check the entire opening to ensure that the opening is level and square. This is one of the most important steps and should not be skipped to ensure proper operation of the new system.

PART 2: FRAME INSTALLATION

1. Identify the exterior and interior of the door assembly. This will determine how the frame is inserted into the opening. (Fig.3)
2. Frames come pre-assembled with corners attached.
3. Position the frame into the opening. (Fig.5)
 - a. See Part 4 if the pivot door has a floor closer or Part 5 if the door has a bottom pivot. The floor closer or bottom pivot needs to be installed first before continuing with the installation.
4. Add a bead of silicone where the threshold will sit to seal any gaps.
5. If a floor closer has been installed, align the unit to the to the pivot and insert unit on the bottom pivot point. (Fig.4)
6. Center the unit in the opening allowing equal shimming space on sides and head. (Fig.6)



FIGURE 3



FIGURE 4

PART 3: FRAME/PANEL INSTALLATION

1. Swing the door open and support the door as it remains in the open position. (Fig.7)



FIGURE 5



FIGURE 6



FIGURE 7

2. To secure the unit, insert shims into the gaps between the opening and the unit. Stack shims if necessary, creating a tight fit. When allowable, fit shims in-between aluminum frame and substrate.
3. Determine where installation screws will be located and drill $\frac{5}{32}$ " diameter holes through the aluminum frame. (Fig.8)
4. Using the 4" installation screws provided, fasten the unit into the opening using the holes in the frame.
5. After the unit has been secured with fasteners, it is important to double check the dimensions of the unit to make any final corrections in shimming is needed. Make sure the threshold, side frames, and header are all straight and level before proceeding to the next step.
6. Proceed to Part 6 for adjustment.

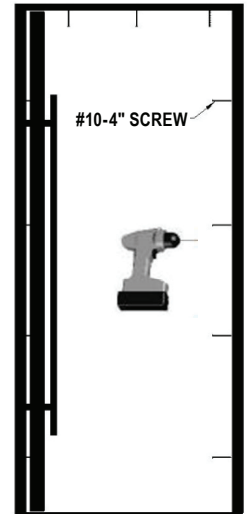


FIGURE 8

PART 4: FLOOR CLOSER INSTALLATION

1. Notch a recess opening in the floor for the closer and cement case. Mark where the case will sit in the opening and cut the opening of 12 $\frac{1}{8}$ " L x 3 $\frac{1}{16}$ " W x 2 $\frac{3}{8}$ " H to fit the floor closer casing. (Fig.9)
2. Set the cement case in the prepared floor opening with the "fixed clamp" side of the case nearest to the door jamb. (Fig.10)
3. Make sure to install all components prior to mounting the frame to the closer. The closer Cover will be installed when the entire unit is completely installed and that no other adjustments are needed.
4. Please refer to hardware manufactures installation instructions for more details on installation methods and adjustments. These instructions are included in the hardware box or a copy can be requested if lost.

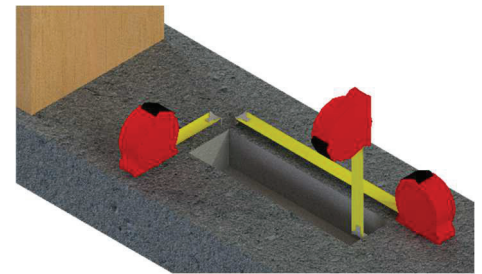


FIGURE 9

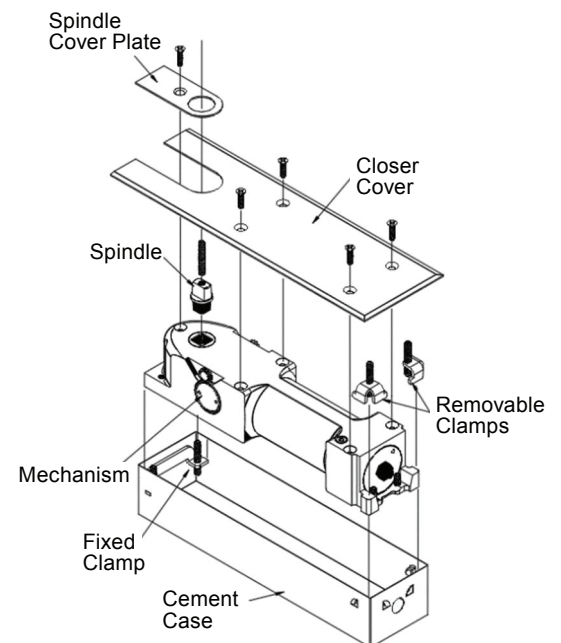


FIGURE 10 — FLOOR CLOSER

PART 5: ADJUSTABLE BOTTOM PIVOT INSTALLATION

1. Mark where the bottom pivot will sit in the opening and install on the opening.
2. Make sure to install all components prior to mounting the frame to the bottom pivot. (Fig.11)
3. Please refer to hardware manufactures installation instructions for more details on installation methods and adjustments. These instructions are included in the hardware box or a copy can be requested if lost.

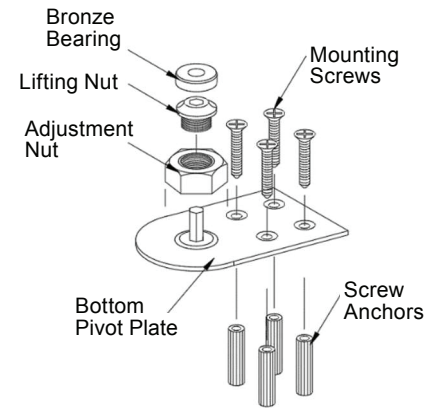


FIGURE 11 — BOTTOM PIVOT

PART 6: ADJUSTING PANEL

1. Once the panel is supported and the unit is fastened, measure the distance between the threshold and the bottom panel clip. The distance should measure approximately $\frac{1}{4}$ ". The measurement on the top and sides should also measure approximately $\frac{1}{4}$ " from the edge of the clip to the panel.
2. All Pivot doors are tested and pre-adjusted before shipping to the customer. However, if there's a need to adjust the alignment of the swing panel, this can be done by rotating the screw of the adjuster (Fig.12) that is located on the top of the panel (Fig.13) using a flat head screw driver. (Fig.14)

FIGURE 12

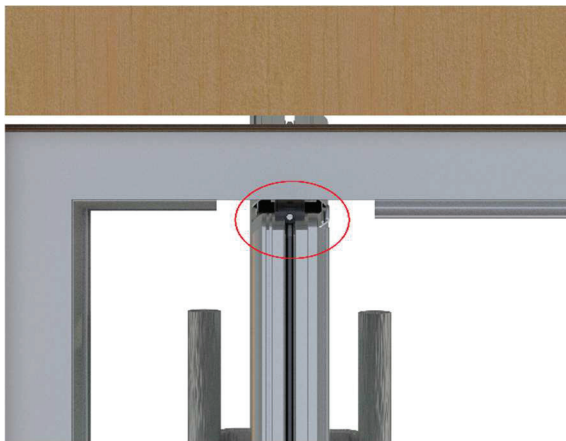


FIGURE 13



FIGURE 14



PART 7: COMPLETION AND ADJUSTMENT

1. Make final adjustments to bottom pivot, top pivot, latch or damping closer speed.
2. Operate door unit to ensure proper operation. The panel will not operate correctly if the door is out of square, over-shimmed or over-insulated.
3. Completely seal around exterior perimeter between door frame and rough opening or wall exterior.
4. Remove all labels or shipping materials.
5. Doors are to remain closed and locked during construction to prevent site conditions from damaging and/or warping panels and frames.

PART 8: SYSTEM FINISHING

Once all of the steps are completed and the new systems are installed, it is time to properly seal the system. We recommend that all finish work be completed by a General Contractor to fully seal and close the openings.