

# **STORM PANEL INSTALLATION INSTRUCTIONS**

## **DIRECT MOUNT VERTICAL PANEL INSTALLATION**

1. Once you have gathered the appropriate tools as described in the Safety Guidelines section, begin by distributing your panels around your home next to the windows on which they will be installed. The numbers on your panels correspond with the numbers on your openings shown in the floor plan provided with your system.
2. Your direct mount shutter system consists of the panels and the studs already in your wall.
3. Working from the left side of the window to the right, hang the first panel, lining up the holes in the panel with the wall mounted studs. Screw wing-nuts supplied onto studs.
4. Tighten the left side top and bottom panel wing-nuts.
5. Repeat the procedure with the next panel, overlapping the edge of the first panel so the holes on the left side of the working panel overlaps the first panel and studs.
6. Repeat with each of the remaining panels.
7. Using your cordless drill, tighten down all of the wing-nuts securely on each panel to complete your installation.

## **DIRECT MOUNT HORIZONTAL PANEL INSTALLATION**

1. Once you have gathered the appropriate tools as described in the Safety Guidelines section, begin by distributing your panels around your home next to the windows on which they will be installed. The numbers on your panels correspond with the numbers on the openings shown in the floor plan provided with your system.
2. Your direct mount shutter system consists of the panels and the studs already in your wall.
3. Beginning at the top of the window, hang the first panel, lining up the holes in the panel with the installed studs.
4. Using the wing-nuts supplied, tighten down the left and right top bolts securely on each panel as you hang it.
5. Repeat the procedure with the next panel, overlapping the edge of the first panel so the holes on the top of the working panel overlaps the first panel and studs.
6. Repeat with each of the remaining panels, working from top to bottom.
7. Using your cordless drill, tighten down all of the wing-nuts securely on each panel to complete your installation.

## **HEADER & STUDED ANGLE MOUNT VERTICAL PANEL INSTALLATION**

1. Once you have gathered the appropriate tools as described in the Safety Guidelines section, begin by distributing your panels around your home next to the windows on which they will be installed. The numbers on your panels correspond with the numbers on the openings shown in the floor plan provided with your system.
2. Working from the left side of the window to the right, insert the first panel into the header, lining up the holes in the panel with the bolts that have already been attached to your walls. Install and finger tight a wing-nut on the stud to the left of the panel.
3. Repeat the procedure with the next panel, overlapping the edge of the first panel so that the hole on the left side of the panel overlaps the first panel and stud. Again finger tight the left wing-nut.
4. Repeat this procedure until all the panels have been installed on the opening.
5. Once all of your panels are in place, tighten all of the wing-nuts to secure the panels to the walls and complete your installation.

## **SLOTTED TRACK MOUNT VERTICAL PANEL INSTALLATION**

1. Once you have gathered the appropriate tools as described in the Safety Guidelines section, begin by distributing your panels around your home next to the windows on which they will be installed. The numbers on your panels correspond with the numbers on the openings shown in the floor plan provided with your system.
2. Begin by placing the bolts into the track that has already been installed at the top and/or bottom of your window. Slide the screws or bolts into the track so that they will line up with the holes in the panels.
3. Working from the left side of the window to the right, insert the first panel into the header, lining up the holes in the panel with the bolts that have been inserted into the track. Install and finger tight a wing-nut on the stud to the left of the panel.
4. Repeat the procedure with the next panel, overlapping the edge of the first panel so that the hole on the left side of the panel overlaps the first panel and stud. Again finger tight the left wing-nut.
5. Once all of your panels are in place, tighten down all of the wing-nuts at the bottom of each panel to complete your installation.

## **SMALL OPENING VERTICAL PANEL INSTALLATION**

1. Once you have gathered the appropriate tools as described in the Safety Guidelines section, begin by distributing your panels around your home next to the windows on which they will be installed. The numbers on your panels correspond with the numbers on the openings shown in the floor plan provided with your system.
2. Begin by loosening all of the bolts that have already been attached to your walls. Using your cordless drill and a Phillips bit, back out the screw or bolt about a half of an inch from the wall.
3. Begin by hanging the top & bottom closure angles on the bolts that are already installed on your wall.
4. Place the first panel on the top & bottom bolts. Tighten the top & bottom bolts on the left of the panel.
5. Repeat the procedure with the next panel, overlapping the edge of the first panel so that the hole on the left side of the panel overlaps the first panel and bolts. Again, tighten the top & bottom bolts on the left of the installed panel, then tighten the remaining bolts.

## **SECOND-STORY MOUNT VERTICAL PANEL INSTALLATION**

1. Once you have gathered the appropriate tools as described in the Safety Guidelines section, begin by distributing your panels around your home next to the windows on which they will be installed. The numbers on your panels correspond with the numbers on the openings shown in the floor plan provided with your system.
2. Place the studded sliding bar into the track that has already been mounted below the window.
3. Working from the left side of the window to the right, insert the first panel into the header, lining up the holes in the panel with the studs on the studded sliding bar. Install and finger tight a wing-nut on the stud to the left of the panel.
4. Repeat the procedure with the next panel, overlapping the edge of the first panel so that the hole on the left side of the panel overlaps the first panel and stud. Again, install and finger tight the left wing-nut.
5. Slide the panels you've mounted to the side to allow sufficient space to install the last panel using the same procedure.
6. Tighten the wing-nuts at the bottom of the mounted panels.
7. Slide the entire assembly of panels over to completely cover the window and complete your installation
8. Tighten thumb screw if provided.