

VANTAGE OPERABLE SASH INSTALLATION INSTRUCTIONS



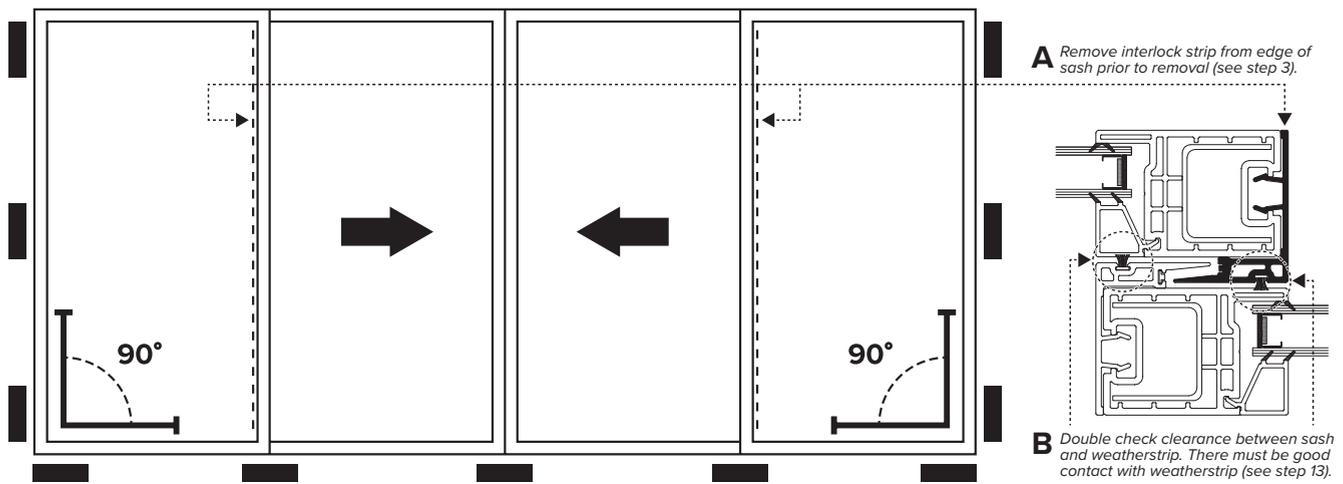
ENSURE THAT THE BELOW INSTRUCTIONS ARE READ IN FULL BEFORE PROCEEDING. IMPROPER INSTALLATION MAY RESULT IN INJURY, PRODUCT DAMAGE OR OPERATING ISSUES AND MAY VOID PRODUCT WARRANTY.

WHAT'S NEEDED

- 2 or more people. An 8ft tall triple pane sash can weigh more than 200lbs (91kg)
- Wood blocks to set the sash on while working. A softwood like fir or hemlock is recommended.
- Thin flat prybar
- #3 Phillips screwdriver
- Small mallet and small fir or hemlock wood block
- Measuring tape
- Silicone spray (optional)
- Lifting suction cups (optional but recommended for 8ft sashes)

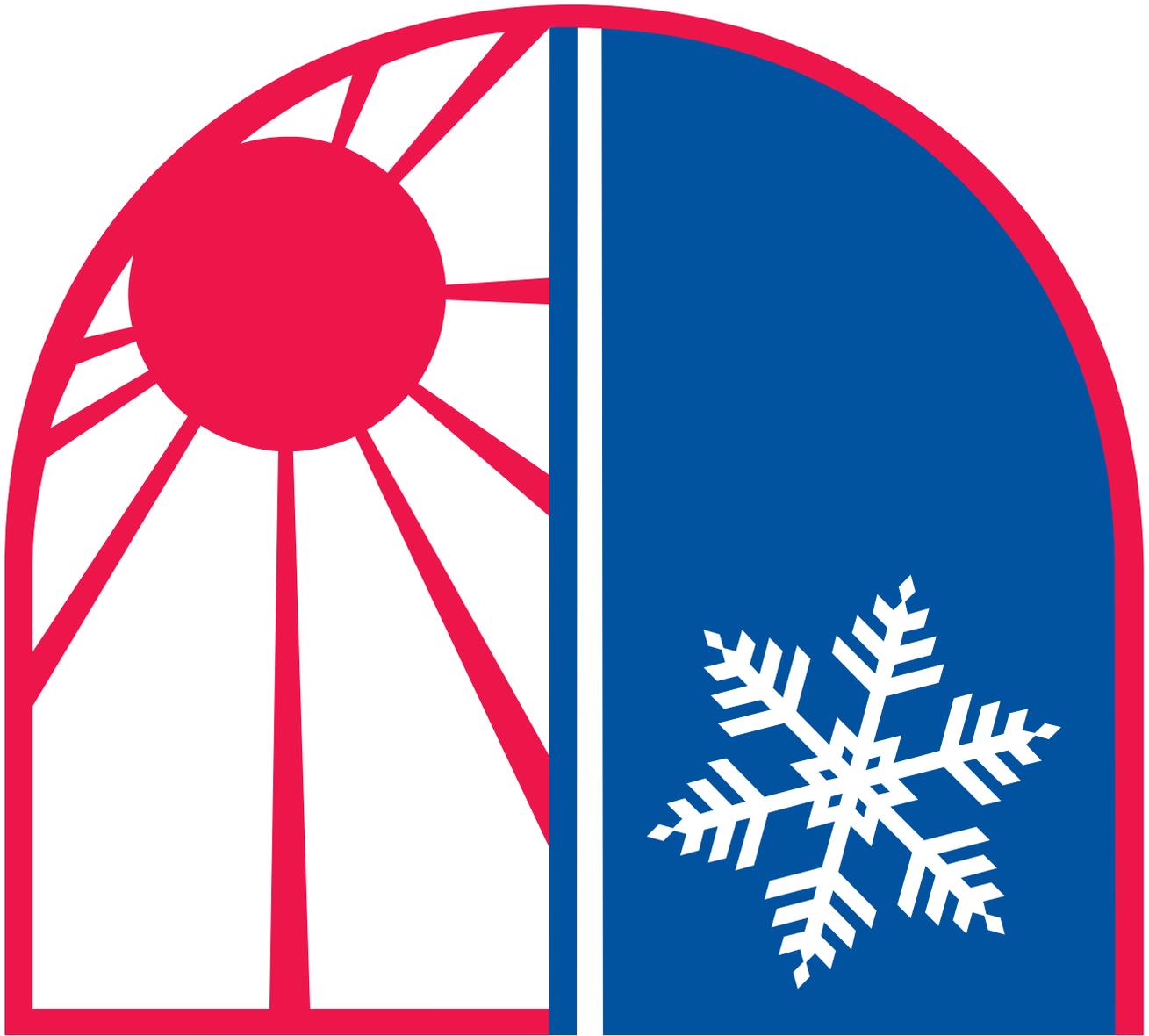
INSTALLATION PROCESS

1. Before unpacking the sash panel, inspect and check to see that the frame is installed correctly, plumb, level, square and does not exceed the spec provided for bowing. Check installation of shims for the correct number, placement and shim size. Shims are used around the rough opening to straighten and support the Vantage door.



2. Carefully unpackage the sash and inspect for shipping damage.
3. Remove the sash interlock strip. Carefully insert a smooth flat prybar between the sash and the interlock at either end to pop the interlock loose (**see point A in the diagram above**).
4. Using two people, lay the sash panel on its side onto softwood blocks, inspect and clean off the wheels.
Note: Lifting/moving the sash panel on its side may cause the vertical sides to bow outward.
5. Using the #3 Phillips screwdriver through the bottom holes on the interior sides of the sash, make sure the wheels are fully retracted and don't extend beyond the bottom of the sash.
6. Ensure the sash track in the patio door frame is clear of any construction debris.
7. For extra smooth operation, now is a good time to apply silicone spray to a rag and wipe down the frame weatherstrip and sliding surfaces on the frame pocket and sash. Do not use oil-based lubricants.
8. With two people, lift the sash upright and place on soft wood blocks next to the middle of the frame. Ensure the glazing stops are towards the inside of the house. When it's time to move the sash panel, **DO NOT DRAG** the sash panel on the ground as this can damage the rollers.
Note: Lifting/moving the sash panel on its side may cause the vertical sides to bow outward. After standing up the sash panel, check if both vertical sides are straight. Correct the bowing before sash panel installation.
9. Lift the sash and angle it into the top frame pocket, once the sash is all the way up, the bottom can be swung into the pocket and lowered onto the sash track.
10. If the bottom of the sash doesn't clear the frame, check that the wheels are retracted all the way and use a long straight edge to inspect the top and bottom of the frame for bowing due to overpacked insulation or unevenness in the floor.
11. Use the #3 Phillips screwdriver to raise and level the sash. A second person lifting on the sash will make this easier. Use the measuring tape to measure the distance between the glazing stop and the frame. The overlap should be the same top and bottom and the sash should move smoothly.
12. Tilt the interlock into the frame pocket with the tip on the outside and the hooks aligned over the groove in the sash. There should be 1-4mm of free up/down movement when the interlock is vertical in position but not snapped on. If there is insufficient or excessive clearance, inspect the frame installation for bowing.
13. Use a mallet with a soft wood block to snap the interlock onto the sash, starting on the bottom and working up. Check that the weatherstrip ends are lined up on the top and bottom before capping the sash panel. Check the clearance between the interlock cap and sash panel. There should be full contact with the weatherstrip (**see point B in the diagram above**). If there is not good contact with the weatherstrip, do the following:
 - a. Check that the sash wheels are sitting in the sill track.
 - b. Remove the sash panel and check that the wheels are all straight and have not turned on an angle, causing the sash panel to push away.
14. Check the clearance between the interlock and the middle frame tower. The interlock should just clear the frame tower top and bottom, with no rubbing as the sash moves. The wheels can be adjusted slightly up and down to provide clearance. Ideal gap on the bottom is 1mm, slightly more is acceptable on top.
15. Slide the sash back and forth and check for any rubbing or interference between the interlock and the frame and that the side of the sash is still parallel to the side of the frame. Adjust the wheels as necessary.
16. Close the sash fully and check the operation of the lock. Install the plugs to cover the wheel adjustment holes in the sash.

To remove a factory installed sliding sash, please reverse the process detailing the site installation of the sash on this document.



**ALL WEATHER
WINDOWS**