

To ensure proper performance, window must be installed square, level & plumb.

1. Verify with the approved shop drawings the correct location and label of the window being installed.
2. Confirm that the window size will properly fit into the rough opening. (Figure 1)
3. Insert the window frame and use approved shims to level sill. Center frame vertically and horizontally in opening. (Figure 2)
4. After the window is properly located in the opening and plumbed inside & out and side to side, insert four (4) installation screws. One (1) at the top & bottom of each jamb. Leave approximately 3/8" for adjustment. (Figure 2)
5. While maintaining a plumb jamb inside & out and side to side, insert the remaining installation screws into the jamb. Beginning at the interior bottom right hand corner, shim for squareness and tighten installation screws into the right jamb.

Repeat step 5 at left jamb.

6. Insert installation screws in head. Leave approximately 3/8" inch for adjustment. Shim for squareness and tighten installation screws into head.

All installation holes processed for anchorage are to be used by the installer. Make sure all fasteners are tightened and seated.

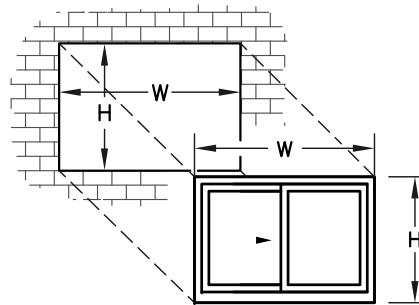


Figure 1

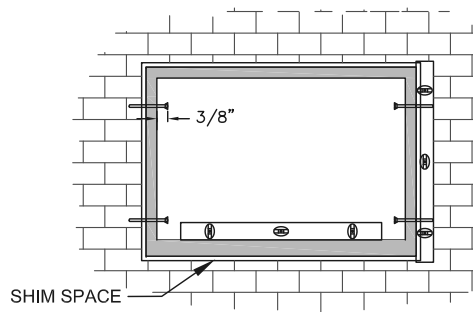


Figure 2

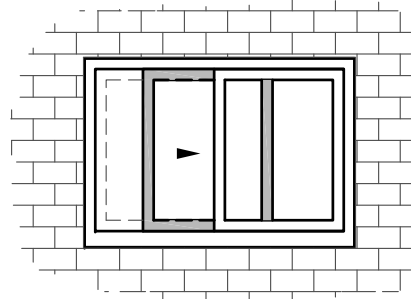


Figure 4

## 7. CRITICAL DIMENSION CHECK.

Installer to verify the following:

- Squareness of the frame.  
Measuring diagonally to verify  $A=B$  (Fig. 3.1)
- No bowing of frame at the midpoint. (Meeting rail)  
Measure to verify  $C=D$  for Hung Windows (Fig. 3.2)  
Measure to verify  $E=F$  for Horizontal Rolling (Fig. 3.3)
- Re-shim as necessary.

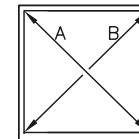


Figure 3.1

$A=B$

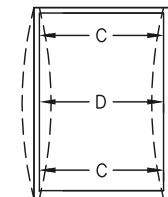


Figure 3.2

$C=D$   
Hung Windows

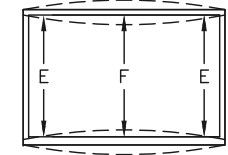


Figure 3.3

$E=F$   
Horizontal Rolling

Figure 3

8. Insert balances into correct tracks (if applicable), insert sash and check window operation. (Figure 4)
9. Insulate around frame as required. Install insulation in-board of the thermal barrier. Do not bridge thermal barrier or overpack insulation.
10. Seal with specified caulking around entire perimeter as per approved shop drawings.

For job-specific installation requirements, please refer to the approved shop drawings.

Thank you for choosing St. Cloud Window products.



st. cloud window

390 INDUSTRIAL BLVD  
SAUK RAPIDS, MN 56379  
PH: (320) 251-9311  
FAX: (320) 255-1513

Please take a few moments to inspect your windows before installing.  
If any damage has occurred to your window(s) please contact St. Cloud Window prior to installation.

For further assistance or information. Please call 1-800-383-9311.