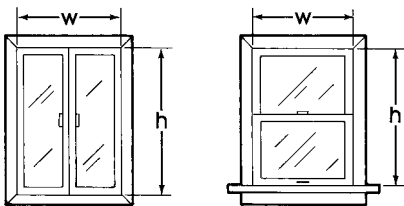


How to Measure for Inner Mount Window Grilles

- Measure width (from inner edges of side jamb) and height (from inner top jamb to inner bottom jamb or from inner top jamb to stool, depending on your window design) at several points and record the largest figure for each. Since panels are made to the larger measurement, they may require site trimming. For out of plumb jambs, hanging strips may simplify installation (see IM-8 installation below).
- On double hung panels, measure for top and bottom separately, indicating each measurement separately.
- Indicate the type of installation by referring to the illustrations below. Pinecrest® will deduct from your width figures for installation IM-8 to accommodate the strips unless you specify otherwise.
- Pinecrest® will make allowances for hardware and clearance unless you specify otherwise.
- The illustrations below show typical installations where panels are not inhibited by sash handles or cranks, etc.

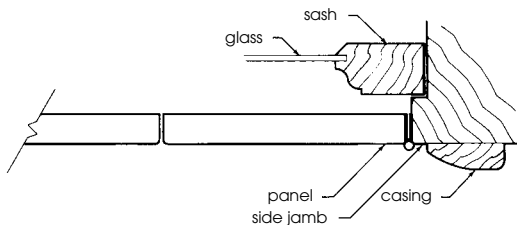


Inner Mount Installation Types for Window Grilles

The hinges shown in illustrations below are with 3/4" thick window panels.

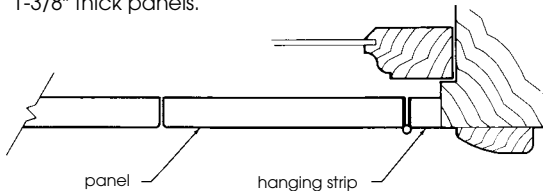
IM-7 NONRABBETED PANELS INSTALLED ON THE SIDE JAMB AND WITHOUT HANGING STRIPS

1" flat surface is required for 3/4" thick panels.



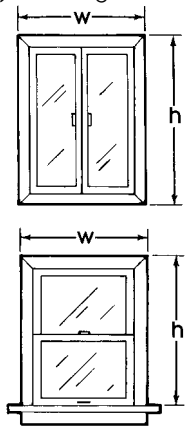
IM-8 HANGING STRIPS BESIDE NONRABBETED PANELS

Pinecrest® will deduct from your width figure to accommodate the strips unless you specify otherwise. This type of installation may be used for plaster, metal and out of plumb openings. Strip Sizes: 1"W x 1"T for 3/4" thick panels, 1"W x 1-1/4"T for 1-1/4" thick panels and 1"W x 1-3/8"T for 1-3/8" thick panels.



How to Measure for Outer Mount Window Grilles

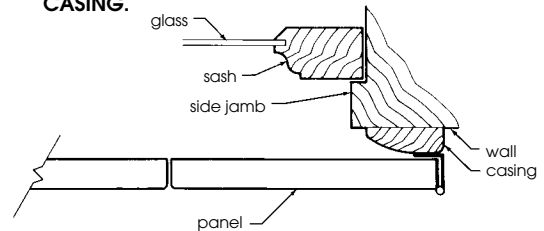
- Measure width (from outer edges of casings) and height (from top of casing to bottom of casing or from top of casing to stool depending on your window design) at several points and record the largest figure for each.
- On double hung panels, measure for top and bottom separately, indicating each measurement separately.
- Indicate the type of installation (OM-1)
- Pinecrest® will make allowances for hardware and clearance unless you specify otherwise.
- The illustration below shows a typical installation where panels are not inhibited by window trim, sash handles, cranks, etc.



Outer Mount Installation Type for Interior Window Grilles

The hinge shown in the illustration below is with 3/4" thick window panels.

OM-1 NONRABBETED PANELS INSTALLED ON THE FACE OF THE CASING.



Hinges for Inner and Outer Mount Interior Window Grilles

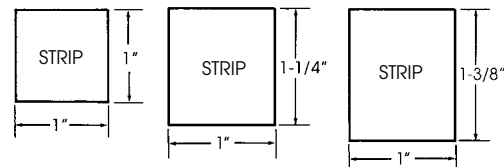
INSTALLATION TYPES FOR WINDOWS	3/4" THICK NONRABBETED PANELS	1-1/4" THICK NONRABBETED PANELS	1-3/8" THICK NONRABBETED PANELS
Outer Mount OM-1 Hanging Hinges Interpanel Hinges	HN2 Nonmortised HN36 Nonmortised*	HN22 Nonmortised HN33 Nonmortised	Not Available Not Available
Inner Mount IM-7 Hanging Hinges Interpanel Hinges	HN33 Nonmortised HN37 Nonmortised*	HN33 Nonmortised HN33 Nonmortised	HN33 Nonmortised HN33 Nonmortised
Inner Mount IM-8 Hanging Hinges Interpanel Hinges	HN33 Nonmortised HN37 Nonmortised*	HN33 Nonmortised HN33 Nonmortised	HN33 Nonmortised HN33 Nonmortised

* Surface Mounted on Back of Panels.

Nonmortised hinges are not attached to panels nor are panels predrilled for hinge screws. PINECREST® makes hinge and clearance allowances to your dimensions unless otherwise specified. Bright brass plated hinges are standard. Knobs are not supplied.

PINECREST® RESERVES THE RIGHT TO CHANGE DETAILS AND SPECIFICATIONS OF HINGES WITHOUT NOTICE.

Hanging Strips



OTHER STRIP SIZES ARE AVAILABLE. NOT TO SCALE.