



Columbia

MODEL #3500

you  
are looking  
at the *best*  
casement  
window  
ever made

All the PLUSES of Window Construction...  
...and NONE of the Negatives!



# Columbia Model #3500 Casement Windows the Perfect Lifetime Marriage of Wood and Aluminum.

The Model #3500 Offers the Ultimate in Protection Against the Elements on the Outside and the Energy Efficiency and Beauty of Wood on the Inside

*Years From Now, The Model #30 Will Be As Perfect As It Is Today!*



## There's a MODEL #35 Casement Window to Fit Standard, Custom, Varying Dimensions

The Following are Common Sizes - Many More are Available!

Rough Opening Window Size Glass Size	18" 17 1/2" 12 7/8"	34 1/8" 34 1/8" 12 7/8"	51 3/8" 50 7/8" 12 7/8"	24" 23 1/2" 18 7/8"	46 1/8" 46 1/8" 18 7/8"	69 3/8" 68 7/8" 18 7/8"	30" 29 1/2" 24 7/8"	58 3/8" 58 3/8" 24 7/8"	87 3/8" 86 7/8" 24 7/8"
24" 23 1/2" 18 7/8"	1620 2'10"x2'0"	4'3"x2'0"	2020 3'10"x2'0"	2620 4'10"x2'0"	7'3"x2'0"				
36" 35 1/2" 30 3/8"	1630 2'10"x3'0"	4'3"x3'0"	2030 3'10"x3'0"	2630 4'10"x3'0"	7'3"x3'0"				
48" 47 1/2" 42 3/8"	1640 2'10"x4'0"	4'3"x4'0"	2040 3'10"x4'0"	2640 4'10"x4'0"	7'3"x4'0"				
60" 59 1/2" 54 3/8"	1650 2'10"x5'0"	4'3"x5'0"	2050 3'10"x5'0"	2650 4'10"x5'0"	7'3"x5'0"				
72" 71 1/2" 66 3/8"	1660 2'10"x6'0"	4'3"x6'0"	2060 3'10"x6'0"	2660 4'10"x6'0"	7'3"x6'0"				

Rough Opening Window Size Glass Size	36" 35 1/2" 30 3/8"	70 3/8" 70 1/8" 30 7/8"	105 3/8" 104 7/8" 30 7/8"	HINGING DESIGNATIONS		
24" 23 1/2" 18 7/8"	3020 5'10"x2'0"	8'3"x2'0"		LH HINGE	RH HINGE	LH OR RH HINGE
36" 35 1/2" 30 3/8"	3030 5'10"x3'0"	8'3"x3'0"				
48" 47 1/2" 42 3/8"	3040 5'10"x4'0"	8'3"x4'0"				
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LH HINGE RH HINGE LH OR RH HINGE  
 Since ventilating sash may be hinged on either side, desired hinge position must be specified. Standard methods of designating left- or right-hand hinging is shown, determined by viewing window from **outside**. Diagonal lines point to hinge side of unit.

**2 - 3 PANEL IMPOST MULLION**  
 Weather Stripping Thermal Break Wood

## The Concept Behind Model #3500

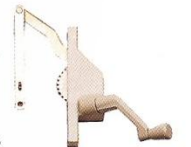
We can make a good product out of any material - whether it be aluminum, vinyl, wood or fiberglass. It isn't a question of materials—it's the difference between a mediocre product and a truly outstanding one! In developing the Model #3500 composite Casement Window, we took the best features of wood and aluminum, and by using them intelligently, created a perfect casement window. Aluminum on the outside is totally impervious to the elements, but it has a high conductivity of cold and heat. This unwanted conductivity is effectively blocked by two thermal breaks in the sash and frame. Thus, the interior wood frame is protected from either moisture or radiated cold or heat, and retains its beauty and warmth indefinitely.

## There's a Lot More ....

**JOINT CONSTRUCTION:** The joints in this FIRST WOOD/ALUMINUM Composite Casement Window go clear through the window - not just on the interior! Joints are screwed together and sealed, thereby keeping moisture from damaging the window.

## Operator and Hinge are Major Reasons to Buy the Model #3500

The Model #3500 has heavier hardware than other casement windows in its class. The OPERATOR (the device that horizontally opens and closes the window) has a test rating of 80 pounds; the standard of the industry is only 40 pounds. This eliminates the biggest problem with hardware - over tightening that can damage gears in the hardware. The HINGE SYSTEM sold with the OPERATOR is constructed of stainless steel - never a rust problem! It is designed so that you can easily access both sides of the window for indoor cleaning.



## No Hinging at the Jam!

The HINGE SYSTEM on the Model #3500 balances the sash as it moves toward the center of the window, and the **window weight is placed on the window head and sill and not on the jam**. Some windows on the market have hinges bearing on the jams. This eventually will cause a sash to sag and prevent it from closing properly. Thus, moisture, cold and hot air can seep around the sash, impairing window performance and value.

## Storm Window Panels

The Model #3500 has a special pocket in the wood frame to receive a storm panel. Thus the storm panel fits snugly into the frame from the inside of the window.



## Columbia Model #3500 Casement Window Outside Protection as well as Inside Beauty

### Key Features

- Aluminum Exterior Keeps Window Maintenance Free - Indefinitely
- Designed for Energy Conservation in New or Retrofit Construction
- Weatherstripping Remains Totally and Firmly Engaged with the Aluminum Portion Instead of the Wood Area - Maximum Protection
- Wood Interior Cladded
- No Cladding on Aluminum Exterior Prevents Damaging Moisture Penetration at Window Joints
- Model #3500 Can Only Appreciate Your Property and Not Devalue it.
- Model #3500 is the Ideal Original or Replacement Window
- Wood Interior Enables Color Scheme Changes When Desired
- Available with 7/8" Glass; Also Low-E High Performance Tinted Glass is Available as an Option
- One Year Unconditional Guarantee, a 5-Year Non-Pro Rated Guarantee on Glass



**Columbia**  
*Aluminum Windows  
and Doors.*

**Four Special  
Plans to Serve  
You!**

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