

# Exclusive from Thermo-Roll

Patented NYC Landmark Commission  
Approved Casement Window with Hopper

Provides 31% More Ventilation

Manufactured by Thermo Roll Window

**I**ntroducing a thermally-improved heavy commercial aluminum outswing casement window, made in the classic narrow-sightline image of historic steel casement windows.

The Thermo-Roll Landmark Casement is an ideal choice for historic residential co-ops and even warehouse condo conversions, protected by local and national historic commission standards.

## AESTHETIC VALUES

- ◆ Elegant sightlines that emulate original steel casement windows
- ◆ Architectural interest: beveled exterior face replicates historic steel window
- ◆ Combine fixed, awning and casement vents in the combination you choose
- ◆ Choose different colors, inside and out, thanks to patented joinery system
- ◆ Compatible with historic panning and classic brick mould
- ◆ Muntins: choice of internal or external applied

## EASE OF USE

- ◆ Easy adjustment of operating lites for ventilation, thanks to generous 90 degree range of operation
- ◆ Window washing made easy with special egress hinge
- ◆ Easy access full-length internal screen

## SECURITY/SAFETY

- ◆ Four-bar egress hinge swings away to facilitate emergency egress
- ◆ Hinges can be easily limited in tamper-proof locked vent position to comply with NYC child guard requirements
- ◆ Secure cam handle locking system

**THERMOROLL**

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Exclusive  
In Swing  
Hopper

## PERFORMANCE

- ◆ Manufactured to meet the most demanding weather conditions
- ◆ Sure seal against leaks with double compression weatherstripping
- ◆ AMMA rated C-HC50
- ◆ Air @ 50 MP .10 (.08) CFM
- ◆ Water penetration: none at a test pressure of 8.0 PSF
- ◆ Structural load test: passed at 112.5 PSF
- ◆ Uniform deflection: no more than L/175 when tested at static air pressure difference of 50 PSF
- ◆ Forced entry resistance = Grade 10
- ◆ Outstanding protection against condensation on glass thanks to two 3/16" glass lites separated by desiccant-filled, tubular aluminum spacer and laminated lites for sound deadening
- ◆ Outstanding protection against seal failure: 10 year warranty on glass
- ◆ No storm windows needed, thanks to Insulated Glass (IG) System
- ◆ Structurally Glazed Glass Lites

Twin Casement



Single Casement



Twin Casement Over Fixed



Awning Over Twin Casement



Fixed Over Twin Casement



Twin Casement Over Exclusive In Swing Hopper



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