



COMMERCIAL SECONDARY WINDOWS: IDEAL BUILDINGS AND APPLICATIONS

Commercial secondary windows can solve a host of building energy and comfort issues, including thermal discomfort, exterior noise disruption, sun glare, draftiness, high utility bills, high peak load and HVAC system stress caused by extreme temperatures.



THE PROVEN BENEFITS OF COMMERCIAL SECONDARY WINDOWS

Commercial secondary windows are an easy-to-install alternative to full window replacement that provides the same benefits for about half the cost. Commercial secondary windows offer owners, operators and occupants a variety of proven benefits, including:

- Improving tenant comfort by reducing cold air/heat transfer and outside noise
- Supporting occupant health by decreasing infiltration of outdoor air
- Enriching tenant wellness by reducing glare and increasing access to natural daylight
- Reducing utility costs by minimizing air leakage
- Decreasing HVAC peak load and overall building energy use

IS YOUR BUILDING A GOOD FIT?

Commercial secondary windows can improve the energy performance, comfort and operational costs of almost any commercial building. However, studies show that secondary windows will provide the most benefit for existing buildings and windows with the following characteristics:

Ideal building characteristics

- Buildings constructed before 1990
- Offices, hotels, hospital, residential care, universities, K-12 schools, and historic buildings
- Electric resistance heating or dual-fuel (gas RTUs with electric reheat and air conditioning)*

Ideal existing window characteristics

- Single pane or double pane
- Clear glass (no tint, low-e coating, or applied film)
- In good condition (no broken glass or broken frame)
- Under 50 sq. ft. each (not storefront windows)

▶ Visit aercenergyrating.org to search for energy-certified products or find a manufacturer to assess your project and provide an estimate.



*Note: Buildings with these HVAC systems are likely to see the greatest energy savings.



Learn more at BetterBricks.com/solutions/secondary-windows