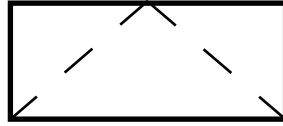




**QUAKER**  
COMMERCIAL WINDOWS AND DOORS



Manchester  
SERIES

**Manchester Series**  
**R-40**  
**3 1/4" Frame Depth**  
**Awning (Project-Out)**

## MANCHESTER SERIES AWNING (PROJECT-OUT)

The Quaker Manchester Series Awning window is ideal for a variety of applications including - Energy Efficient, Apartments, Assisted Living and Housing Authority.

### FEATURES

- ◇ **Commercial Framing System**
  - 3 1/4" main frame
- ◇ **Enhanced Design**
  - Mitered and welded corners
- ◇ **Glazing**
  - 3/4" insulated glass
- ◇ **Hardware**
  - Single point locking system with fold-down handle to avoid interference with window blinds
- ◇ **Screen**
  - Extruded aluminum screen frame with BetterVue™ mesh

### BENEFITS

- ◇ The capacity to match exterior colors for unique project facades
- ◇ The ability to facilitate large sizes for taller and wider window openings

### OPTIONS

- ◇ **Available Configurations**
  - Project-out awning
- ◇ **Muntin Choices**
  - Internal or simulated divided lites available
- ◇ **Limited travel hardware**
- ◇ **Nailing Fin**
- ◇ **Screen**
  - Extruded aluminum screen frame with aluminum wire mesh
  - Extruded aluminum screen frame with sunscreen mesh
  - Extruded aluminum screen frame with stainless steel 0.009" thickness mesh
- ◇ **Glazing**
  - Capillary tubes
  - Argon gas
- ◇ **Panning & Trim Choices**
  - Wide variety of panning, receptor and trim available
- ◇ **Mulling**
  - Wide variety of structural mulls

### PERFORMANCE

- ◇ Structural & Thermal (test reports or thermal simulations available upon request)

Model	Awning (Project-Out)
AAMA/WDMA/CSA 101/I.S.2/A440-08 Rating	R-40
Structural Load P.S.F.	60.15
Air at 50 MPH (cfm/ft <sup>2</sup> )	0.03
Water (No Penetration) P.S.F.	6.06
U-Value (with Low-E and Argon)	0.23-0.27
SHGC (with Low-E and Argon)	0.12-0.28

Window test size: 48" x 18"  
Operating Force: 3.5 lbf (maintain motion), 1 lbf (locks)



Our products are tested to the standards of and certified by the American Architectural Manufacturer's Association, the National Fenestration Rating Council and the Window & Door Manufacturers Association.



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# VINYL COLORS AND ARCHITECTURAL EXTERIOR PAINT COATINGS AND FINISHES

## ◇ Solid Vinyl Colors (interior & exterior)



White



Sandstone



Beige

## ◇ Optional Faux Wood Grain (interior only)



Dark Oak (available with white or painted exterior only)

## ◇ Optional Painted Colors (exterior only)



Holly Green



Redwood



Chestnut



Satin Creme



Dark Bronze



Toffee



Earthone



Black



White



Sandston



Beige

## ◇ Optional Unlimited Custom Painted Colors (exterior only)



\* Printed colors shown here may not accurately depict actual vinyl or painted colors. Color samples are available upon request.

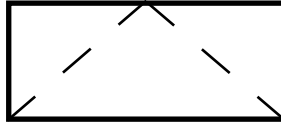
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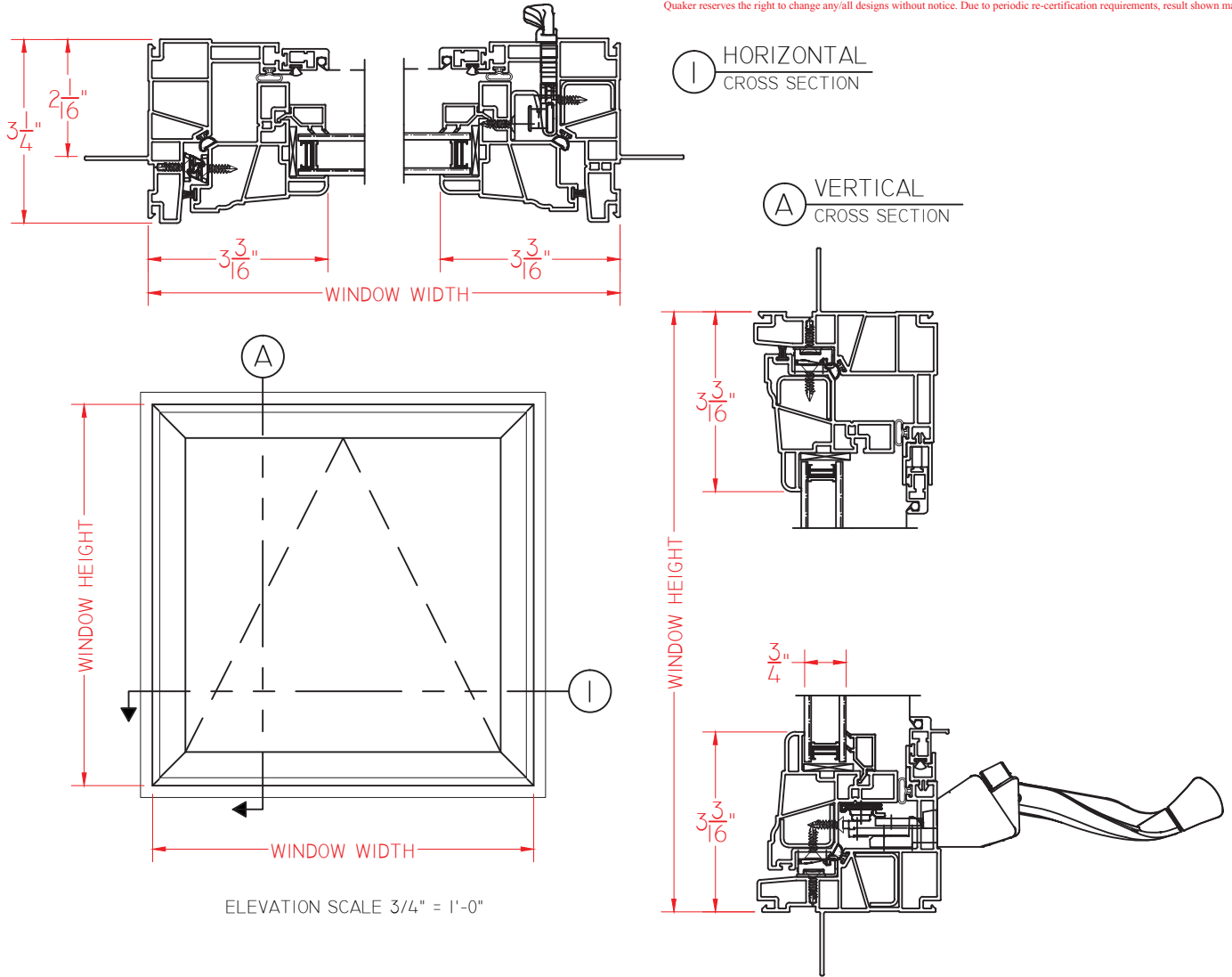


**Manchester**  
SERIES

**Manchester Series**  
**R-DP50**  
**3 1/4" Frame Depth**  
**Awning (Project-Out)**

**MANCHESTER AWN**

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MANCHESTER AWNING 12.17.2015 VERSION 2.0

SCALE 1:3

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