



QUAKER
COMMERCIAL WINDOWS AND DOORS

T300 Series

Thermally Broken Aluminum Single Hung Window ~ HC-40*

02-17-2016

STANDARD FEATURES

- Sash glazed with 1" insulated glass.
- 1/2 extruded aluminum screen with wire mesh cloth.
- Operating sash has a full width lift handle at top.
- Gravity latch. When the window is all the way down, the latch snaps into a locked position.
- Finless frame for retrofit, panning, or receptor applications.
- 2604 Powder Coat finish (equal to 50% kynar). Color choices include:
 - 11 "Populars"
 - 19 "Impressives"
 - 7 "Resembles"
 and literally any custom color you want

OPTIONS

- Varying glass thickness to achieve higher STC ratings (i.e. 1/4" laminated with 1/8" annealed).
- Choose from a multitude of Quaker's own energy-efficient glazing packages such as: EnergyBasic, Energy 3S, EnergyMax, EnergyPlus, EnergyGrey, EnergyBronze or EnergyObscure.
- Other glazing choices include green or blue tint, tempered (safety) glass, laminated, spandrel and many more.
- Grids available upon request. Choose *internal lites* (between the glass) or *applied lites* (SDL) for a simulated divided lite appearance
- Fiberglass screen cloth in lieu of aluminum wire mesh.
- 2605 Powder Coat finish (equal to 70% kynar)
- Anodized coatings available

BENEFITS

- Meets HC-40* test requirements.
- 3 1/4" frame depth provides a solid, sturdy structure.
- 1" insulated glass allows you to vary your glass thicknesses and achieve high sound transmission control (STC) ratings.
- Reglazing is simplified with the interior rubber glazing bead.
- Tall interior step sill dams out water & air.
- Mates with matching picture window and existing panning, receptor and mull systems. Available with or without fin system.

DETAILS

Test Results

Uniform Structural Load (PSF)	60.15
Air Infiltration CFM/Foot @ 50 mph	.10
Water Resistance Test Pressure (PSF)	6.06
Uc @ 15 MPH (BTU/HR/F/FT2)	.47 (with Low-E)
CRF (Condensation Resistance) w/Low-E	58



Moon Brothers Carriage Loft
St. Louis, MO



* - HC-40 is a certified A.A.M.A. test ratings

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QUAKER
COMMERCIAL WINDOWS AND DOORS

T500 Series

02-17-2016

Thermally-broken Aluminum Single Hung Window - HC-50 / AW-50**

STANDARD FEAT.

- Sash glazed with 1" insulated glass.
- 1/2 extruded aluminum screen with wire mesh cloth.
- Operating sash has a full width lift handle at top.
- Locking gravity latches. When the window is all the way down, the latch snaps into a locked position.
- Finless frame for retrofit, panning, or receptor applications
- Tall interior step sill dams out water & air.
- 2604 Powder Coat finish (equal to 50% kynar). Color choices include:
 - 11 "Populars"
 - 19 "Impressives"
 - 7 "Resembles"
- and literally any custom color you want

OPTIONS

- Choose from a multitude of Quaker's own energy-efficient glazing packages such as: EnergyBasic, Energy 3S, EnergyMax, EnergyPlus, EnergyGrey, EnergyBronze or EnergyObscure.
- Other glazing choices include green or blue tint, tempered (safety) glass, laminated, spandrel and many more.
- Grids available upon request. Choose *internal lites* (between the glass) or *applied lites* (SDL) for a simulated divided lite appearance
- Fiberglass screen cloth in lieu of aluminum wire mesh.
- 2605 Powder Coat finish (equal to 70% kynar)
- Anodized coatings available



JMU Grace Street Housing
Harrisonburg, VA

BENEFITS

- Blast tested to meet strict Dept. of Defense Antiterrorism building standards.
- Meets both HC-50* & AW-50* test requirements.
- 3 1/4" frame depth provides a solid, sturdy structure.
- 1" insulated glass allows you to vary your glass thicknesses and achieve high sound transmission control (STC) ratings (i.e. 1/4" laminated with 1/8" annealed).
- Reglazing is simplified with the interior rubber glazing bead.
- Mates with matching picture window and existing panning, receptor and mull systems.
- Available with or without fin system.

DETAILS

Test Results

Uniform Structural Load (PSF)	75.19
Air Infiltration CFM/Foot @ 50 mph	0.03
Water Resistance Test Pressure (PSF)	10.03
Uc @ 15 MPH (BTU/HR/F/FT2)	.47 (with Low-E)
CRF (Condensation Resistance) w/Low-E	58
STC (Sound Transmission) w/standard glazing	29



* - HC-50 & AW-50 are certified A.A.M.A. test ratings

