

Product Data Sheet

Product Name:

AL62GS
62mm Thermally Improved
Gas Strut Window System

Manufacturer:

ActivWall System, LLC
200 V.C. Drive
Martinsville, VA 24112
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Description:

Overview:

The ActivWall Gas Strut Window is a commercial grade, aluminum-framed, thermally improved window system. Each unit has a single operable panel that opens out and up. After unlocking, the window opens automatically with a gentle push.

Testing:

ActivWall's proprietary systems have been tested by an independent lab specializing in architectural testing, for design pressure, air infiltration, water penetration and uniform structural load. Unit heights, widths and various options determine the performance level of individual units.

Motion Hardware:

The AL62 system uses ActivWall's proprietary F3 motion hardware, which allows panels to open and close in many different configurations. Motion hardware is made from non-corrosive materials, such as aluminum, stainless steel and various composites. Gas powered springs (struts) are incorporated into the system to hold the window up and open when unlocked.

Structural Components:

All structural aluminum components are made from 6063-T6 extruded aluminum with a minimum thickness of .078". Hinges are made from a combination of non-corrosive aluminum and stainless steel. Some components incorporate polyamide composites for increased thermal performance.



Glazing:

While most systems are glazed with various make-ups of clear, opaque or pattern glass; other types of in-fill can also be used. Single pane and many types of insulated glass are available achieving various levels of thermal and acoustical performance.

Finishes:

Select from a variety of standard and premium color, powder coated finishes.

Gas Struts: Gas springs ("struts") are available in various sizes and compression forces. Struts use oil and compressed nitrogen gas to provide the desired amount of force for each application. Struts are cycle tested for up to 25,000 cycles.

Locking: Concealed shoot bolt mechanisms provide optimal security and convenience.

Sill Options: Various sill options are available, including raised, saddle and flush sills. Direct to counter-top installations are also possible. Consult with your ActivWall representative to select the appropriate option.

Standard Warranty:

Glass:	10 Years
Aluminum Frames:	10 Years
Hinges:	10 Years
Other Materials:	2 years