LIBART
MOTION IN ARCHITECTURE

# PanoraView
# Design & Installation Considerations

From start to finish, PanoraView projects generally move along in a very smooth and straightforward manner. Libart project managers will ensure that your specific project goals are met. Project management is more efficient and more economical, however, when you can specify your needs more completely.

The following factors should be considered during upfront system design. Installation considerations are also included for reference.

## Operating Mode

PanoraView operates on vertical retraction. That retraction can move the panels up to open or down to open.

We say that PanoraView operates as a window system, when the panels move down to open. We refer to door systems when the panels move up to open. The primary determining factor in your operating mode decision is what lies on the outside of the opening.


As a window system, PanoraView panels retract downward.

Retractable window systems means that the panels collect at the bottom of the opening. This also forms a built-in balustrade. Window systems are appropriate on any story above the first floor of facility or for the first floor when the opening is not meant to be a passageway.

Retractable door systems are used, for instance, between the interior space and a patio. PanoraView operating as a door system is appropriate anywhere that you wish to create a passageway from one space to another. Here, the glass panels collect at the top of the opening.

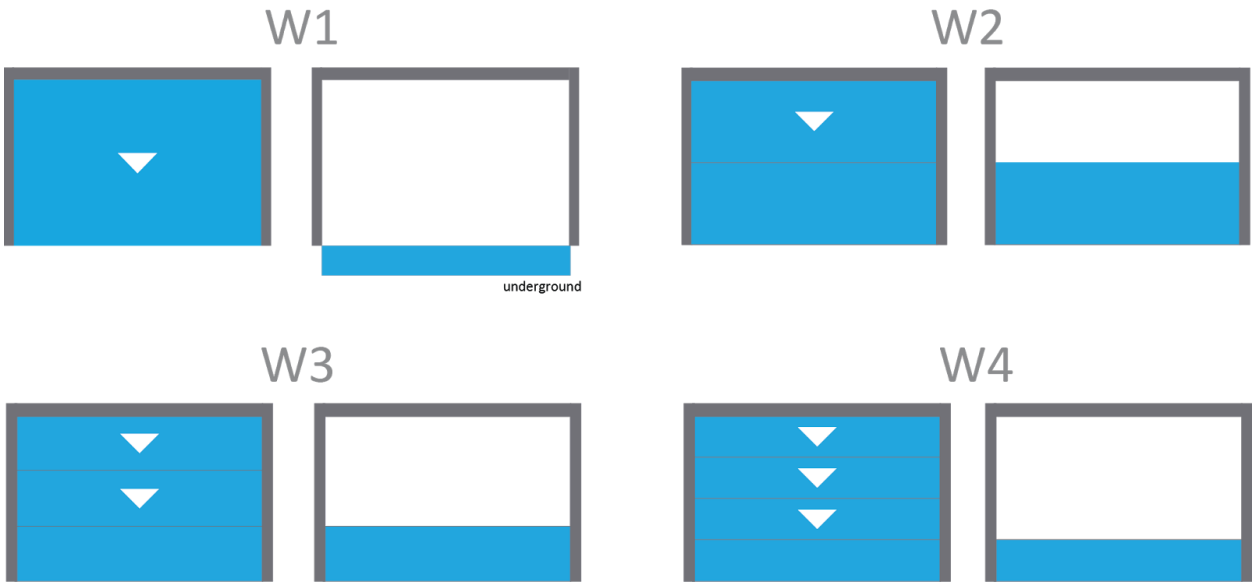

As a door system, PanoraView panels retract upward.

## Model Designations

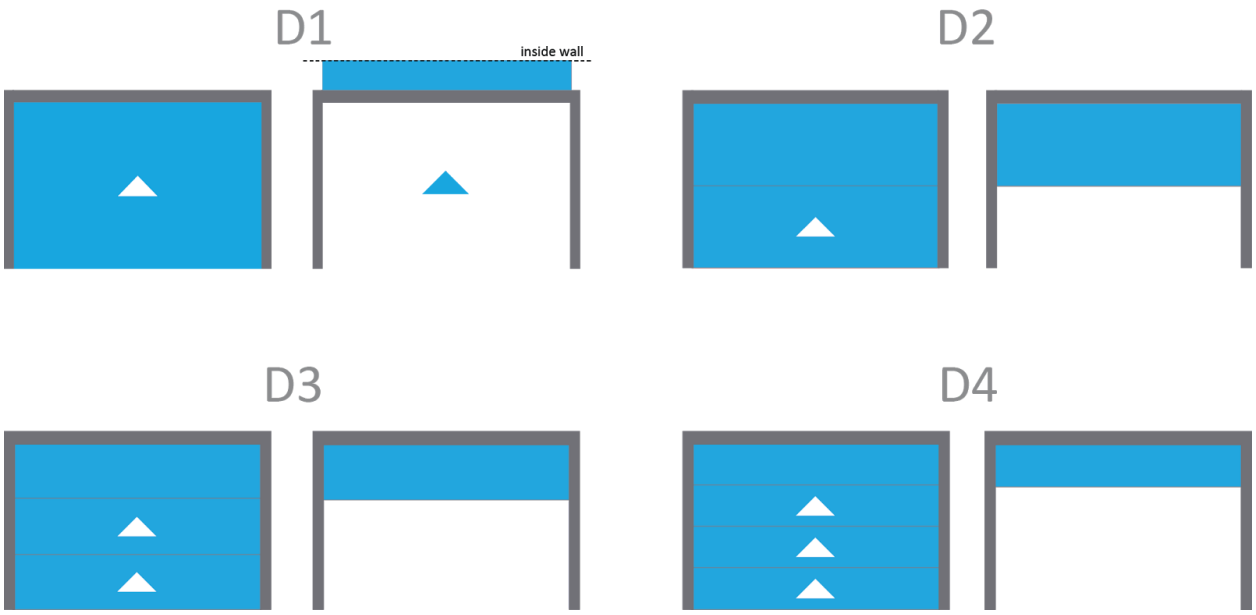
Whether operating as a door system or as a window system, PanoraView is configurable in one, two, three, or four panel systems. The number of panels, along with the door or window operating mode, determine the corresponding model designation.

Consult the illustrations below to determine your desired model.

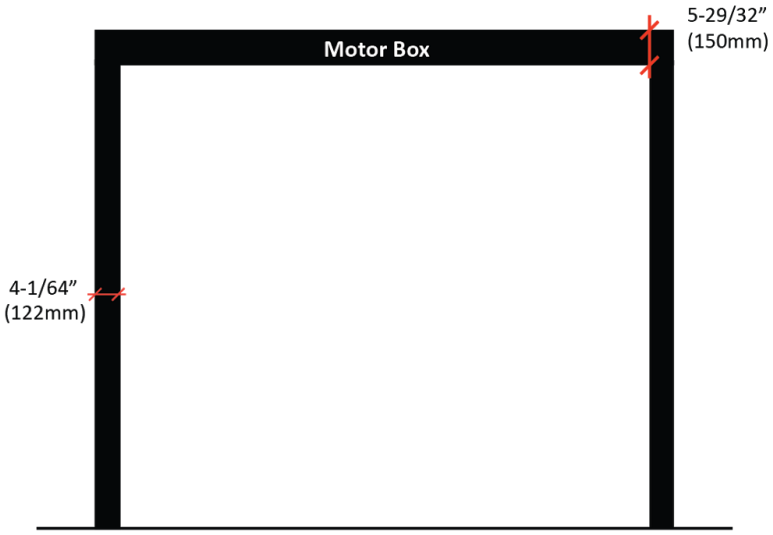
Window System Models

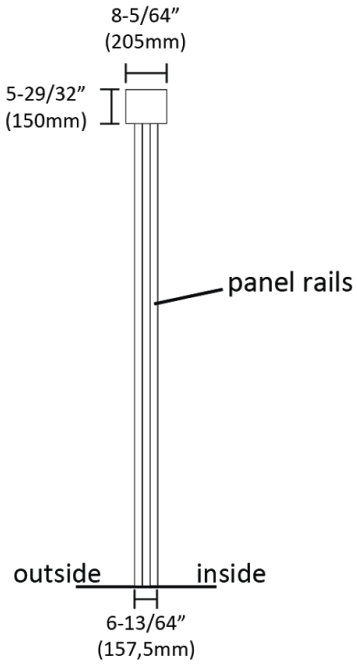


## Door System Models



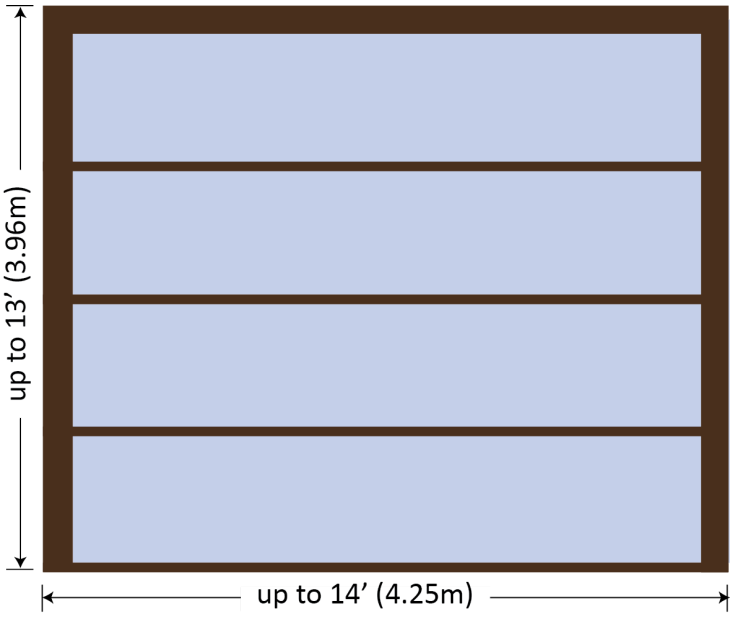

## Framing Dimensions



## Standard Sizing Per Section

Standard sizing limitations are depicted in the adjacent illustration. However, Panora View can extend beyond these limitations depending on the project static load calculations. Custom designs are available to suit the site requirements, local building codes, and wind considerations.




## Technical Details

- PanoraView motors operate at 220 VAC single phase or 380 VAC 3-phase and 50/60 Hz.
- The control system consists of keyed rocker switch with Up, Down, and Stop buttons. It operates at 24 VDC.
- Panels can be locked in any position and can remain locked with or without electricity.
- The structural system and framing is manufactured from 6063-T6 custom-designed aluminum profiles.
- Standard glazing is insulated glass up to 32mm thick. With this thickness, any glass combination provides excellent impact resistance and guaranteed structural integrity.