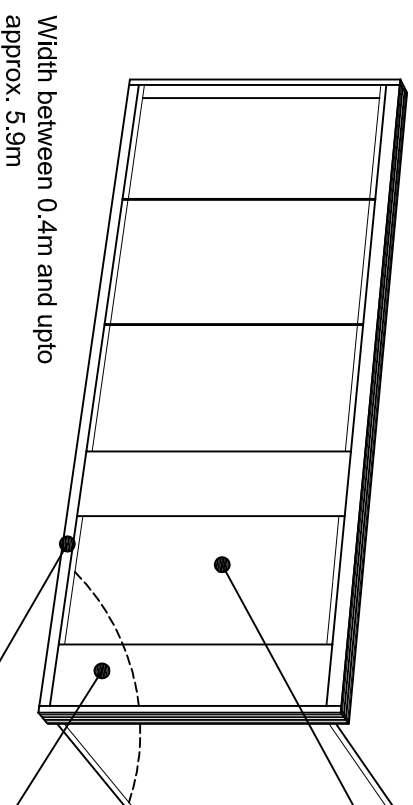


## Design possibilities and limits of Windoor System 800 - folding glass

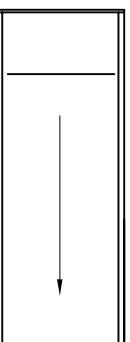


Height up to approx. 1.9m

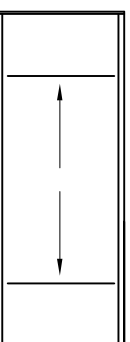


Width between 0.4m and upto  
approx. 5.9m

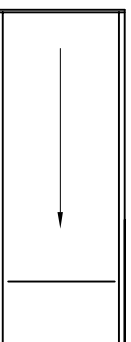
### Possibilities for opening



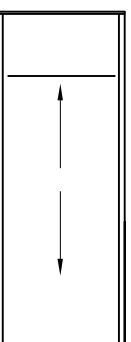
Fixed glass (last glass)



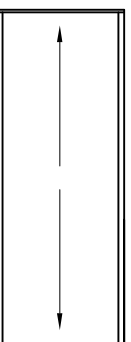
Fixed glass both ends with opening  
glass opening in both directions.



Fixed glass (first glass)



Fixed glass one end with opening  
glass opening in both directions.



Opening to both sides

### Folding glass

Folding glass can be supplied unframed in 6mm, 8mm or 10mm toughened glass or framed in 20mm thick double glazed sealed unit.

Height of the opening section is between: 600mm & 1800mm

With of the opening section is between: 500mm & 900mm

Height of a side hung glass is between: 400mm & 1800mm

Width of a side hung glass is between: 250mm - 1000mm

Where a double glazed unit is selected, the max. height is 1600mm. Height of the opening glass should not be greater than 2.5 times the width.

The element can be supplied with up to 8 folding glasses where the glass is opening in one direction and 10 glasses when opening in both directions.

The element can be supplied with a fixed glass at one or both ends, the rest of the glasses will open in the normal way.

When the glasses open in both directions (single glazed only) the first opening glass is supplied with a sliding pole fitting, the rest of the glasses open in the normal way.

Folding glass (and it's frame) needs to be able to accommodate the imposed wind load.

### Degree of opening

The folding glass will open upto 90° as standard, if required it can be opened up to 130° with a modification.

### Aluminium extrusions

The Windoor System 800 is supplied with 2 side frames, a bottom frame and a top frame, assembly is carried out on site.

The top and bottom frame are fixed back to the sub construction.

Fixing the top frame: 100mm from the side (where the glasses open) then 250mm and then 1000mm centres.

The bottom frame needs to be fixed 100mm from each corner and then at 1000mm centres.

The above mentioned fixing requirement assumes that the sub construction is capable of taking the imposed load.