



6-C8636-XX-L/R-8



Low friction pivot point



Low friction resistant sliders



### Parallel Plus Projection Friction Hinges

Description	Color	PU	Part Number
Parralel plus hinge 350	Stainless Steel	10	6-C8636-35-L/R-8
Parralel plus hinge 450	Stainless Steel	10	6-C8636-45-L/R-8
Parralel plus hinge 670	Stainless Steel	10	6-C8636-67-L/R-8
Parralel plus hinge 950	Stainless Steel	10	6-C8636-95-L/R-8

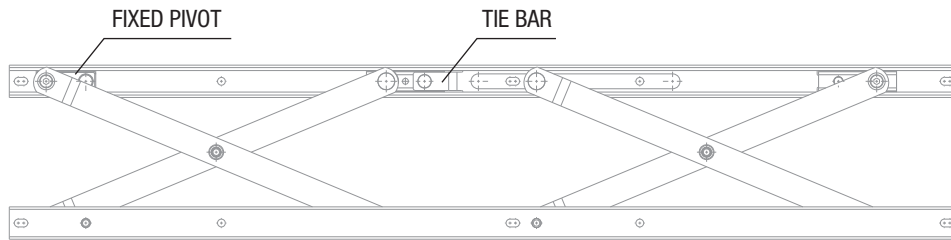
L/R = Left-handed/Right-handed \* = Color PU = Packaging Unit

### Additional information

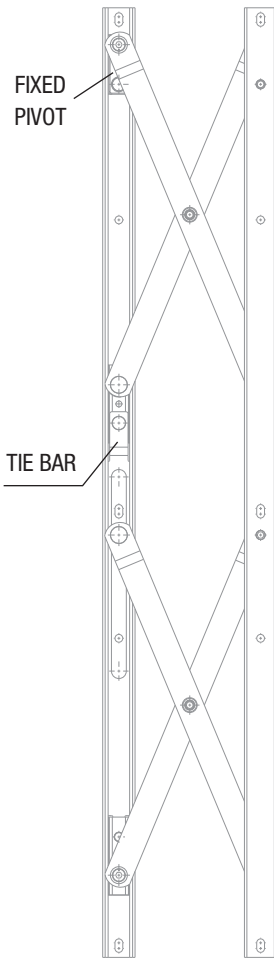
- Significant cost saving on motor operators
- Parallel Plus vents can be restricted to 40mm openings and still provide whole perimeter ventilation and effective air exchange equivalent to conventional window open to 100mm or more
- Provides a safe, secure and well ventilated environment
- Adjustable parallelism compensates for building and façade tolerances
- High resistance to corrosion, manufactured from 304 grade austenitic stainless steel
- Low operating forces, improved vent stability and parallelism control
- Manual Operation - vents weighing up to 200 kg can be manually operated
  - One handle placed centrally at bottom of sash ~ 1100mm high x 2000mm wide by 100 kg
  - Two handles placed on either side of the sash up to 400mm below centre of the sash height ~ 3000mm high x 1300mm wide x 200 kg
  - Push bar placed up to 400mm below centre of sash height ~ 3200mm high x 2500mm wide x 200 kg
- Motorised windows can be catered for up to 6000mm tall and 1 metric tonne
- Smoke evacuation will be superior than for traditional window types but at wider clear openings than 40mm
- Maintains curtain wall reflectivity with fewer broken sightlines

Description	Hinge Length in/mm	Max. Vent Weight lb/kg	Min. Vent Height in/mm	Max. Vent Height in/mm	Max. Manual Opening in/mm	Max. Motorised Opening in/mm	Cavity Dimensions mm	Operating Temp. Range
PARALLEL PX 350	13.8/350	220/100	15/380	19.7/500	6/150	7/180	20-22	-20°C to 60°C
PARALLEL PX 450	17.7/450	220/100	18.9/480	28.3/720	6/150	10/250	20-22	-20°C to 60°C
PARALLEL PX 670	26.4/670	441/200	27.6/700	43.3/1100	6/150	6/150	20-22	-20°C to 60°C
PARALLEL PX 950	37.4/950	441/200	37.8/960	78.7/2000	6/150	10/250	20-22	-20°C to 60°C

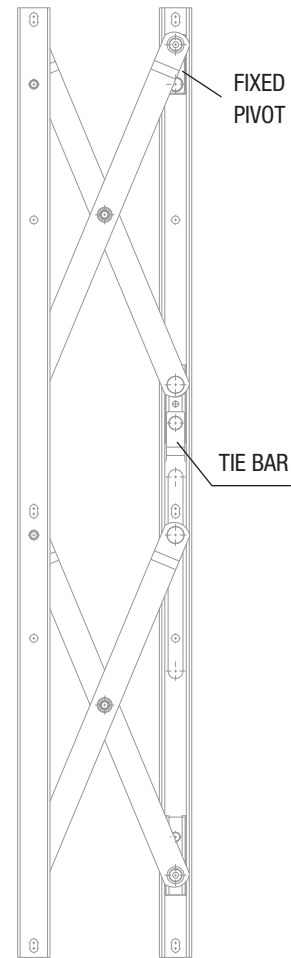
*Use drop-in limit stop 9-C8629, one fitted to each side mounted hinge to restrict the opening to the specified maximum opening, on manually operated vents only*



**CONTROL STAY  
RIGHT HAND HINGE  
6-C8636-XX-R-8**



**LEFT HAND HINGE  
6-C8636-XX-L-8**



**RIGHT HAND HINGE  
6-C8636-XX-R-8**

### FITTING INSTRUCTIONS

- The side mounted hinges should be fitted with the fixed pivots to the top
- Securistyle recommends that the track incorporating the tie bar is fitted to the frame profile
- The control stays should be fitted to the top rail of the window if only one control stay is required or top and bottom if two are required
- If two chain drive motors are used they must be fitted centrally on the shortest sides of the vent opposite each other. If four chain drive motors are used they must be positioned close to each vent corner
- On manually operated vents use two operating handles mounted centrally on the vertical sides of the vent if the vent does not exceed 1500 mm wide
- Parallel hinges do not provide weather sealing; if the window is manually operated this should be provided by a separate perimeter lock. If the window is motor operated this can be provided by either the motors or a synchronised motor operated separate perimeter lock