

Installation Type		
Top-hung window	Inward-opening	Window frame/leaf
	Outward-opening	Window frame
Bottom-hung window	Inward-opening	Window frame/leaf
	Outward-opening	Window frame
Side-hung window	Inward-opening	Window frame/leaf
	Outward-opening	Window frame
Sliding support top-hung window	Inward-opening	Window frame/leaf
	Outward-opening	Window frame
Sliding window	Inward-opening	Window frame/leaf
	Outward-opening	Window frame
Roof applications	Inward-opening	Window frame/leaf
	Outward-opening	Window frame
Standards and Certifications		
Complies with GB 16806 and has passed fire safety certification		●
Complies with EN 61000 and has passed electromagnetic compatibility certification		●
Complies with EN60529		●

\* Special strokes can be customized



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GEZE  
E 800

GEZE Chain Window Opener







The GEZE E 800 chain window opener can be used for various windows including upper and bottom-hung windows, casement windows, sliding windows and roof skylight that are vertically installed in dry rooms. There are daily ventilation and smoke exhaust heat removal of various forms of windows. Excellent performance can be achieved in working environments with temperatures ranging from -20 to +70 °C, severe cold, and extreme heat.

## 1.Characteristics

- Compact appearance perfectly integrated into curtain wall design
- Optional customized version: customized stroke, cable length and color
- Can achieve synchronization of up to seven window openers without the need for external control units
- The end position has flexible opening and closing functions
- Easily set parameters such as synchronization, stroke, and window opening speed through GEZE WInconnect
- The system solution combined with locking and driving devices supports suspension bridge installation, increasing application options
- The protection level reaches IP42, with better dustproof and waterproof performance
- The minimum operating temperature can reach -20 °C, which is suitable for extreme environments in the north
- The outer sheath of the wire is made of silicone, and the core sheath is made of Teflon, which has obtained relevant reports and certifications. They are resistant to high temperature and flame retardant
- Tested according to GB 16806, EN61000, EN60529 standards and obtained certificates

## 2.Application field

- The smoke and heat extraction system and natural ventilation (24 V) in the curtain wall area
- Can be used for ventilation
- Applicable to inward and outward opening window of top, bottom and sliding hung leaf.
- Sliding sash window and pushing window
- Mounted on wood, PVC or metal Windows
- Window sash, window frame or hidden installation

## 3.Technical Parameters

Technical Parameters	E 800
Essential Information	
Height (mm)	30
Depth (mm)	43
Length (mm)	Depending on the stroke
Model Specifications	
Standard stroke length (mm)	300/400/500
Maximum opening speed 1 (mm/s)	7.5 (50–500 mm stroke)
Maximum opening speed 2 (mm/s)	10 (>500 mm, suitable for bottom hung windows)
Closing speed (mm/s)	5
Tension/thrust (N)	300/250
Locking force (N)	3000
Electrical Parameters	
Working voltage (V DC)	24 V DC +25% / -15%
Working current (A)	0.8
Power consumption (maximum) (W)	20
Rated load	30%
Power cable length (m)	1
Cable specifications	2 X 0.75 mm <sup>2</sup> + 2 X 0.30 mm <sup>2</sup>
Temperature scope	-20 – +70 °C
IP rating/Protection rating	IP 42
Function	
Stroke length setting	●
Synchronization function	●
Settable opening speed	●
Optional locking device	●
Locking device (maximum)	2 locking drive devices
Stroke shortening method	Synchronizing device, factory settings
Power outage in terminal opening position	By built-in electronic path sensor
Power outage in terminal locking position	By consumption of current through electronic induction
Power failure	●
The end position has flexible opening and closing functions	Flexible opening and closing functions can be set
Maximum opening stroke within 60 seconds	450 mm
Number of synchronous window openers (maximum)	7 window openers