

fresAir™ Automated Window Control System



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Ventilation in building is essential and wherever out of reach windows are incorporated in high level position, there is a requirement for a control mechanism to operate these windows.

fresAir **Automated** Window control systems is a simple, push-pull tensioned Rod ,transmitting rotary or linear motion from a Automatic winder.

Each system is rated at 80kg working force and is capable of opening up to 10 sashes depending on the sashes layout and weight.

Torque Rod System

Functional yet powerful . This system transmits force from the winder to a draglink which in turn drives the torque rod, sash arms and the sash links.

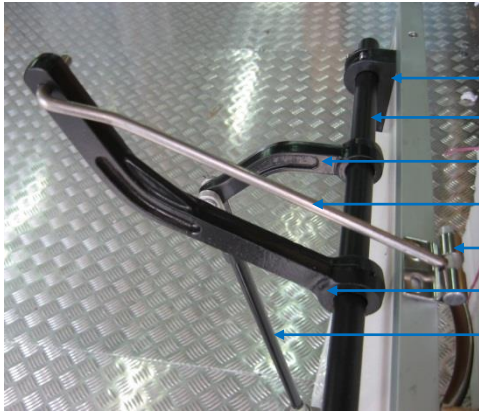
Technical Specification	
Power Supply	230V
Frequency	60Hz
IP Class	IP65
Max Load	800N



Wireless Options are Available



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- NYLON BEARING (2 parts)
- Ø20mm TORQUE ROD
- 125 DRAG LINK
- STAINLESS STEEL SASH LINK
Ø 6mm SUS304
- STAINLESS STEEL VENT BRACKET
- 150 SASH ARM
- SLIDING ROD

Sash Arms & Draglinks

Cast aluminum and heat treated for strength.

Sash Links

SUS 304 stainless steel 6mm diameter rod, bent to “Z” ends for connection to sash arms and set by M6 set screws at vent trunnions.

Vent Trunnions

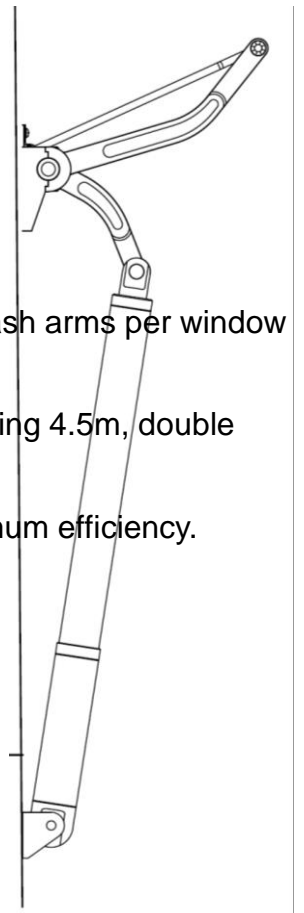
Stainless steel vent trunnions with “quick release” function for easy cleaning of windows.

Bearings

In two parts, Nylon 6 injection moldings for ease of installation and tough demands from the rotating torque rod.

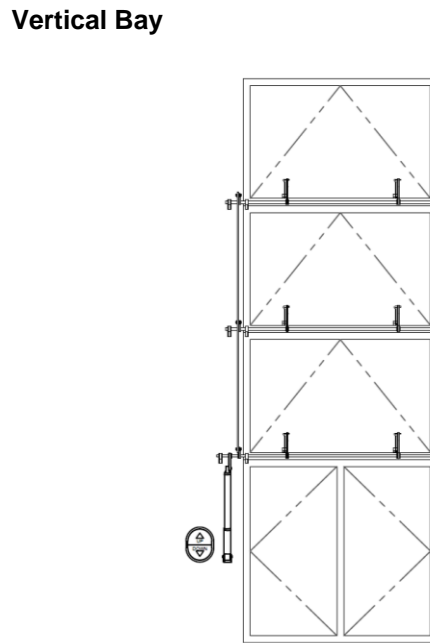
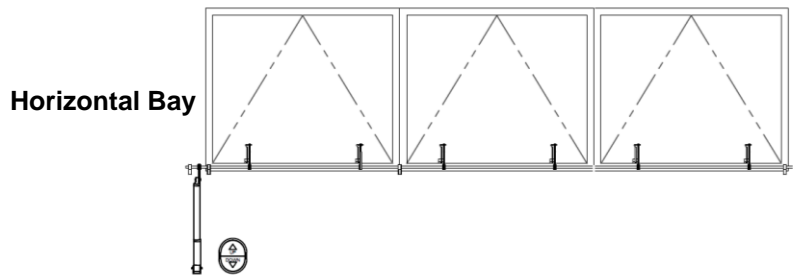
Applications

- Specify longer sash arms for wider window openings. Sash arms are available in 150mm, 200mm and 250mm.
- Always specify freely hinged windows or friction free stays
- Wider window exceeding 1000mm width would require two sash arms per window for balance opening, without twisting.
- For connection to more than 8 sashes and row length exceeding 4.5m, double conduits from one single winder are recommended.
- Always analyze push or pull options at the drag link for maximum efficiency.

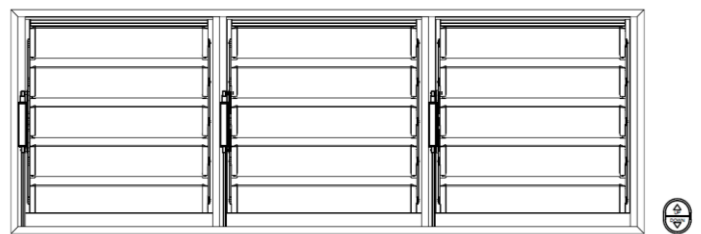


Illustrations:

TOP HUNG WINDOWS



ADJUSTABLE LOUVRES



Due to the company's policy of continuous product development and enhancement, the specifications and details contained in this brochure are subject to alteration without prior notice.

The dimensions, details, specifications and statements made herein or by our representatives arising out of any enquiries are given for information purposes only. They are not intended to have any legal effect and the company will not be bound thereby. The company will only accept obligations which are expressly negotiated for, and agreed and incorporated into written agreements made specifically with its respective customers.

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