

## Vert-X Swing Gate Operator

Modern sleek design, fast opening, easy to install swing gate motor for domestic and commercial gates



Controller



*The low voltage Vert-X's combination of fast opening speeds and electronic limits providing precise control make it suitable for both inward and outward opening gates.*

The Vert-X's modern design incorporates mechanical end stops removing the need to fit inground end stops and making installation and set up much easier.

- **Fast opening without compromising on safety:** The Vert-X's ability to open at high speed and close at a slower speed ensures fast access while minimising the chance of accidents when the gate is closing.
- **Revolutionary brake:** The revolutionary centrifugal brake developed for the V-Series range of swing gate motors ensures positive locking of the operator when the gate is both open and closed.
- **Solar power:** The Vert-X operators feature battery back up, are ideally suited for use with solar panels with no modifications necessary.
- **Sensitive anti-crushing control:** The V-Series controller accurately monitors any obstructions ensuring ultra-safe operation and peace of mind.
- **Easy to use:** The V-Series controllers' liquid crystal display and intuitive, easy to use menu system makes setting up the end-of-travel limits and other features available on the system simple.

### V-Series Controller features:

Offering an extensive range of useful features, the controller is exceptionally versatile and has the ability to adapt the system to suit the requirements of almost every user.

- Advanced Positive Close Mode ensures the gate remains closed in a secure, rigid position
- Pedestrian Opening adjustable opening and auto-close time
- Remote Gate Status Indicator (gate position, power failure, low battery, multiple collision detection and pillar light status indication)
- Courtesy/Pillar Light Timer with adjustable time
- Fully configurable pre-delays with multiple pre-flash modes
- Opening and closing safety beam inputs with beam circuit monitoring
- Advanced solenoid or magnetic gate-lock release pulse
- Supports inward and outward opening swing gates without the need for mechanical end stops.

## Technical Specifications

Specifications	Vantage 400
Input voltage	220V ± 10%, 50Hz
Motor power supply	Battery-driven (standard capacity - 7Ah)
Operator push force	Maximum 220kgf
Typical gate opening time	11 sec
Manual override	Key release
Number of operations per day	Maximum 250
Operations in standby with 7Ah battery	Half Day - 120 Full Day - 100
Receiver code storage capacity	64 transmitter buttons
Limit Type	Electronic Limits

## Minimum Installation Requirements

Gate opening 90° or less			Gate opening 110°		
<b>Operator</b>	<b>Wall (Min)</b>	<b>Pillar (Max)</b>	<b>Operator</b>	<b>Wall (Min)<sup>1</sup></b>	<b>Pillar (Max)<sup>2</sup></b>
VANT-X	190mm	60mm	VANT-X1	370mm	60mm
For gates 1.0m to 2.0m long			VANT-X <sub>2</sub>		
For gates 2.0m to 3.0m long			640mm		
			60mm		

<sup>1</sup> The typical minimum wall clearance required to fit the operator

<sup>2</sup> The maximum allowable pillar thickness on which to fit the operator

## Installation Information

### Allowable Gate Mass & Coverage:

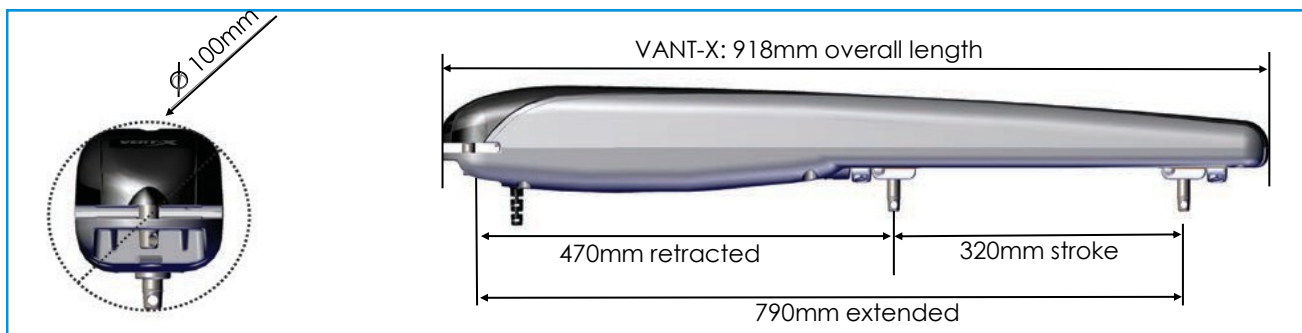
#### Maximum Allowable Gate Mass for VANT-X Operator

Length	Up to 1.5m	Up to 2m	Up to 2.5m
Mass	600kg	335kg	215kg

#### Maximum Allowable Coverage in Wind Speeds

Length	Up to 1.5m	Up to 2m	Up to 2.5m
Mass	1.8kg	1.8kg	1.8kg
<b>Coverage</b>	<b>Max Wind Speeds (km/hr)</b>		
25%	91	68	55
50%	64	48	39
75%	52	39	31
100%	45	34	27

## Dimensions



Rotech supply all forms of door and gate automation

### Vehicle Access Control

- Booms Gates
- Sliding Gates
- Swing Gates
- Industrial Door Openers
- Solar Powered Gate Openers

### Pedestrian Access Control

- Full Height Turnstiles
- Waist Height Turnstiles
- Supermarket Gates/Turnstiles
- Wheelchair Access Gates
- Rapid Access Gates

Fast | Safe | Secure

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