



VECTOR 2

DOMESTIC AND LIGHT-INDUSTRIAL LINEAR SWING GATE OPERATORS

For domestic and light industrial swing gate applications - the VECTOR2 linear swing gate system with battery back-up offers a quick and easy (not to mention good looking) installation. It is an exceptionally strong set of operators for gates up to 4m wide, per leaf (consult specifications for further details).

The low profile shape of the VECTOR2 operator enhances its aesthetic appeal and allows it to blend in unobtrusively with the design of the gate. With full position control the system provides pin point stopping of the gate in the open and closed positions without the need for mechanical end stops. Added to this its sophisticated speed control circuit smoothly operates the gate with reduced shock, reduced loading, and extended reliability.

Set-up of the system using the VECTOR2 controller with an intuitive, easy-to-use LCD interface, is absolute child's play. Choosing from a wide range of features, the VECTOR2 system can be adapted to suit almost any application.

In 2009 the VECTOR2 became a winner of the prestigious SABS Design Institutes Design Excellence Awards. This was a befitting follow up of the VECTOR prototype winning an SABS Design Institute Prototype Award in 2004.



Swings gates precisely!

Main features

- Battery backup
- High push force
- Full position control
- Fast operating speed
- Quick and easy installation
- Safe anti-crushing protection
- Smooth acceleration and deceleration
- Multiple operating features including alarm modes
- Exceptionally easy system set up via LCD user interface
- Onboard NOVA multichannel receiver with selective delete

Models

VECTOR2 400 – Reliable operator with a shorter stroke for the majority of domestic swing gate applications

VECTOR2 500 – Extended stroke for larger domestic and light-industrial swing gate applications

Close Technical Details

VECTOR2 Technical Data

| Data | Description |
|----------------------------|---|
| Input voltage | 220V AC +/-10%, 50Hz ^Ω |
| Motor voltage | 12V DC |
| Motor power supply | Battery driven † 2A charger |
| Push force – max | 250kgf |
| Typical gate opening time | V400 (short stroke) <14 sec / V500 (long stroke) <17 sec (V500) |
| Duty cycle - mains present | 50% † |
| Daily operations – max | 200 † |

| | | |
|---|---|---|
| Maximum leaf width for corresponding gate mass [♣] | V400 (short stroke) 2m - 500kg 4m - 200kg | V500 (long stroke) 2m - 750kg 4m - 310kg |
| Onboard receiver specification | NOVA rolling code (Keeloq™ encryption), multichannel, 433MHz, capacity - 65 transmitter buttons | |

- Ω - Can operate off a solar supply, consult Centurion Systems for assistance
 - ‡ - 7Ah battery (can be upgraded for longer power failure autonomy)
 - ♢ - Based on 25°C ambient temperature and unit not in direct sunlight
 - ♣ - Assumes a 90 degree opening gate and pedestal mount
- (D) Domestic (LI) Light industrial

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