

Automation
system for
overhead and
sectional doors



VER

**An electrical appliance
that opens the doors to
comfort**

VER is an ingenious automation device. It is easily installed and meets all the opening requirements of modern garage doors. Whether they be overhead or sectional doors. Simplicity and compactness make VER an original CAME idea!




CAME
AUTOMATIC GATES

VER

The automation device for garage doors

The “traction” type automation is powerful and versatile and perfectly adapts to the majority of modern garage doors. It comes complete with courtesy light. VER will perfectly integrate, as electrical appliances go, it is simple to use, yet powerful in line with CAME tradition.



The 230V approved connection is simple and safe and fuse protected and enables the power to be shut down if required (it is standard on the V700 model).



The chain and belt driver transmission, guides, are the heart of the system. Being extremely tough and completely silent, they provide a customisable solution for every type of door.



Maximum comfort. A 24V automation device that will always open your garage, even during power outages, thanks to batteries inside (optional).

VER lights up your access. Its comfortable, integrated courtesy light makes your access safer. The circuit board controls its functioning and switches it off automatically.

A guide for every door. With toothed belt or chain, depending on the application requirements, to truly meet any needs.

All in one. An elegant, sturdy container protects the circuit board and any emergency back-up batteries.

The easy-to-reach release lever. It can even be engaged outdoors by way of an accessory applied directly to the door handle.





24V electronics

Besides the usual command and safety functions, the electronics of the VER and 24V series provide special functions that allow for total control of the automation device. Here are some:

- > **Total safety even when the motor is stopped**
In fact, the VER electronics prevent any command when the safety devices detect an obstruction.
- > **Obstruction detection**
A special electronic circuit stops the automation, or invert its run, in the event of an accidental impact.
- > **Black outs no more**
Thanks to the integrable, auxiliary batteries which always open and close the garage (optional).

The range of accessories

CAME can provide a complete range of accessories with command, safety and auxiliary functions for the automation device:

- > **Silent and dependable slide guides**
that are easily affixed to the ceiling.
- > **External cord release**
which can be applied directly to the door's original handle; used when there are no other entrances to the garage.
- > **A complete range of command and safety accessories**
to make your installation comfortable and functional, yet safe, as required by the applicable industry technical standards.

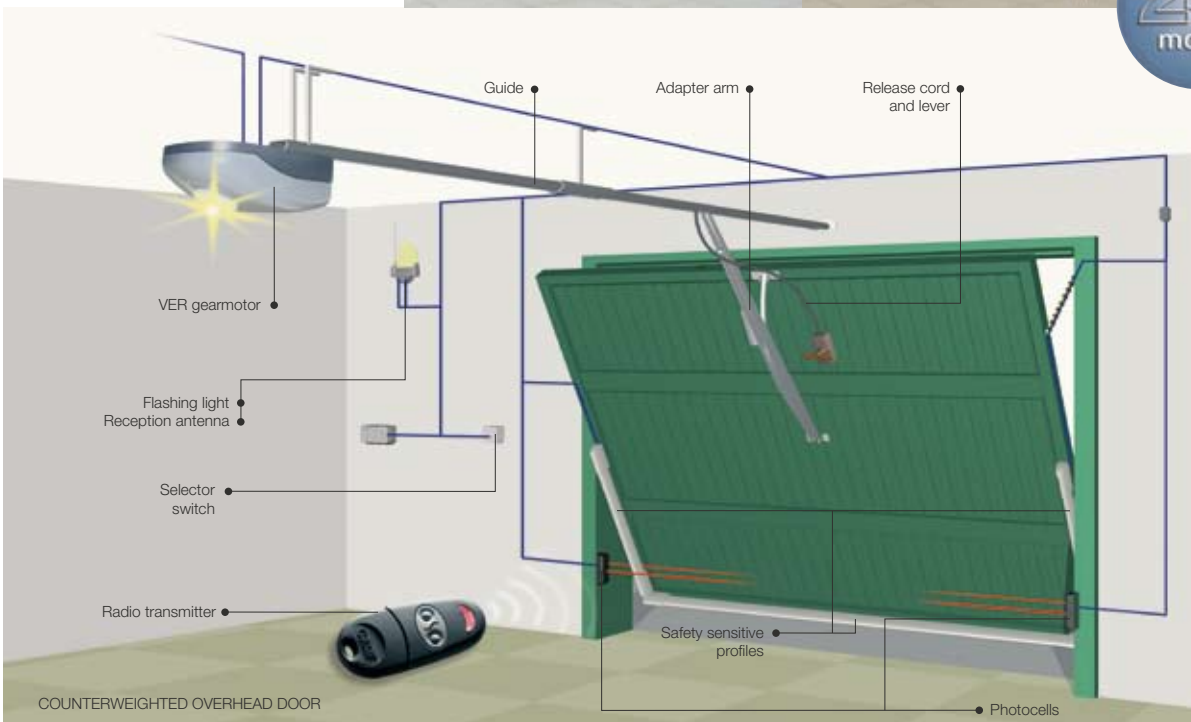


Standard installation:



SPRING-LOADED OVERHEAD DOOR

SECTIONAL DOOR



COUNTERWEIGHTED OVERHEAD DOOR

In the event a careful analysis of the automated gate's risks were to require it, the use of sensitive safety infrared or contact profiles becomes indispensable.



Made in Italy



For its quality processes management Came Cancelli Automatici is ISO 9001:2000 certified, and for its environmental management it is ISO 14001 certified. Came designs and manufactures entirely in Italy.

The models

24V Gearmotors with V900E control panel

- V900E** 24V D.C. Automation device complete with control panel and ENCODER, for overhead counterweighted and spring-loaded doors and sectional doors
- V700** 24V D.C. Automation device complete with control panel for overhead counterweighted and spring-loaded doors and sectional doors
- V0670** Card for emergency back up battery connection, complete with support to house two 12V - 1,2Ah batteries

Installation accessories

- V005** Chain guide extension L = 1.42 m for guide types: V0679 - V0682 - V0683 - V0684
- V121** Cord release device L = 3 m to apply to the handle
- V122** Transmission arm for sectional doors having distances of 30-60 cm the top edge of the door and the spring rod
- V201** Adapter arm for partially extended counterweighted overhead doors

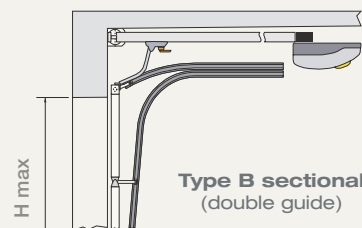
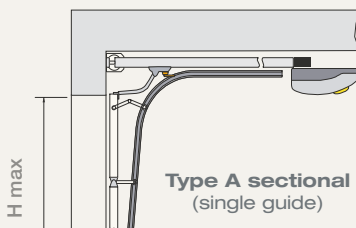
Transmission guides

- V0679** Chain guide L = 3,02 m
- V0682** Chain guide L = 3,52 m
- V0683** Chain guide L = 4,02 m
- V0684** Chain guide L = 3,02 m in two pieces
- V0685** Belt guide L = 3,02 m
- V0686** Belt guide L = 3,52 m
- V0688** Belt guide L = 4,02 m
- V0687** Belt guide L = 3,02 m in two pieces

Limits of use:

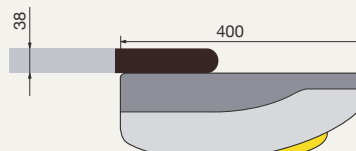
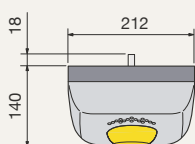
The dimensions shown in the following table stand for the MAXIMUM HEIGHT of the door, from the ground to the top edge of the lintel, for any type of door and any type of guide.

| Guides | Counterweighted Doors | Spring-loaded Doors | Type A Sectional | Type B Sectional |
|------------------------|-----------------------|---------------------|------------------|------------------|
| Max height of door (m) | | | | |
| V0679 | 2,4 | 2,25 | 2,1 | 2,2 |
| V0682 | - | 2,75 | 2,6 | 2,7 |
| V0683 | - | 3,25 | 3,1 | 3,2 |
| V0684 | 2,4 | 2,25 | 2,1 | 2,2 |
| V0685 | 2,4 | 2,25 | 2,1 | 2,2 |
| V0686 | - | 2,75 | 2,6 | 2,7 |
| V0688 | - | 3,25 | 3,1 | 3,2 |
| V0687 | 2,4 | 2,25 | 2,1 | 2,2 |



Technical features:

| Type | V700 | V900E |
|---------------------------------------|---------------|---------|
| Degree of protection | IP40 | |
| Control board power supply (50/60 Hz) | 230V A.C. | |
| Motor power supply | 24V D.C. | 24V D.C |
| Absorbed input | 11A | 6A |
| Max power | 260W | 130W |
| Traction force | 850N | 500N |
| Operation intermittence | 50% | |
| Manoeuvre speed | 6m/min | |
| Operating temperature | -20°C ÷ +55°C | |



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