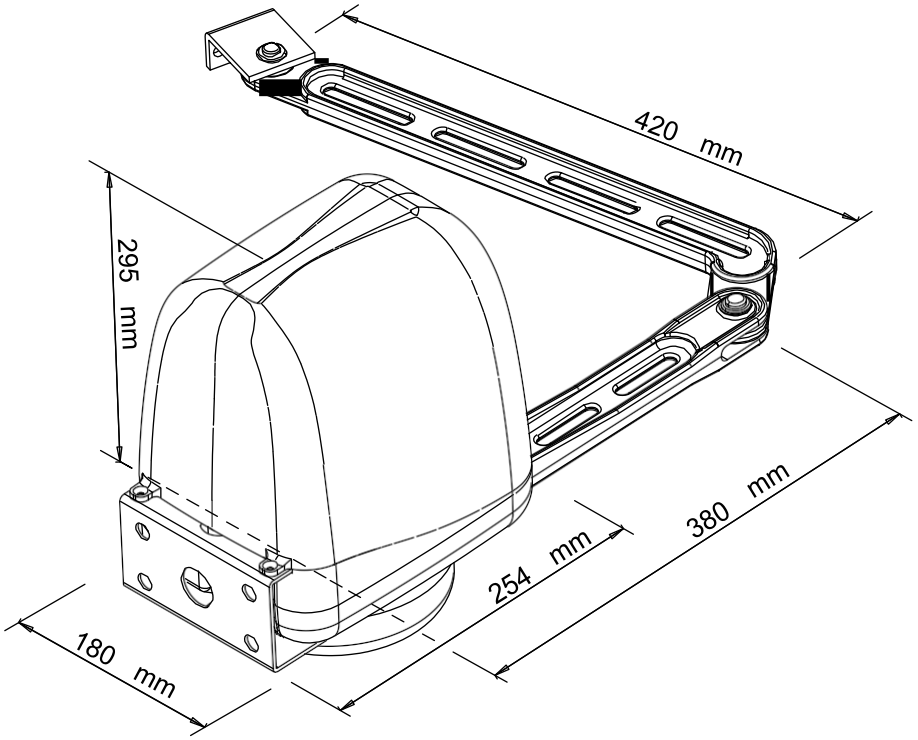
KALLISTO



TECHNICAL DATA

Max. weight of gate	**150 Kg**	
Max. width of gate	**2,00 mt**	
Motors power supply	**230Vac**	**24 Vdc**
Motor power	**200W**	**50 W**
Motor RPM	**1400**	**1300**
Condenser	**10 µF**	**/**
Mechanical unlock for emergency manoeuvre	**With key**	
Working temperature	**-20° C / +55° C**	
weight	**9.5 Kg**	
Protection rating	**IP 44**	
Opening time 90°	**15 sec**	
Motor current input	**1,2 A**	**3 A**

DIMENSIONS



<u>WARNING!!</u> Before installing, thoroughly read this manual that is an integral part of the pack

Our products if installed by qualified personnel capable to evaluate risks, comply with norms UNI EN 12453, EN 12445

The CE mark conforms to European directive EEC 89/336 + 92/31 + 93/68 D.L. 04/12/1992 N. 476.

CONSIDERATIONS FOR INSTALLATION

- The installation and testing operations must be performed solely by qualified personnel in order to guarantee the proper and safe operation of the automatic gate.
- The company declines any responsibility for damage caused by incorrect installations due to incompetence and/or negligence.
- Before assembling the automatism, check that the gate is in perfect working order, hangs well on its hinges and is suitably lubricated. It must also comply with the safety standards in force in the country of installation.

INSTALLATION

1. Before fastening the plates provided, establish the coordinates using the data given in **Table 1** in accordance with the wing opening angle **(see Fig. 1)**.
2. Fasten the support plate of the motor firmly.
3. Fix the motors to the plates.

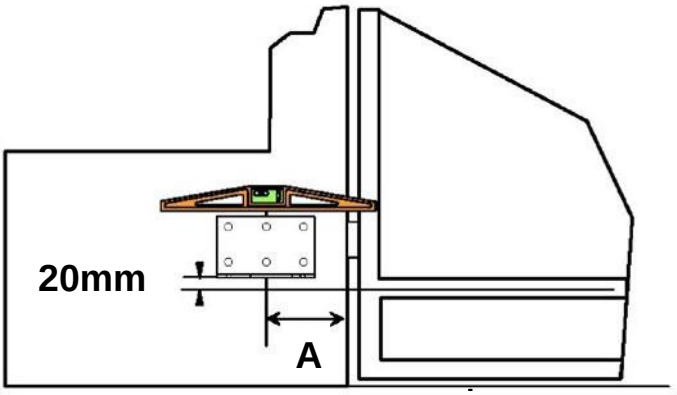
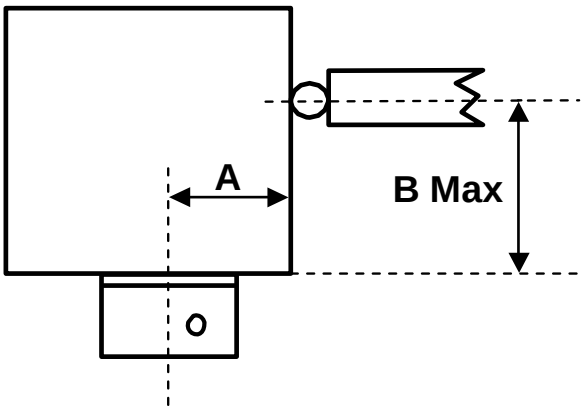
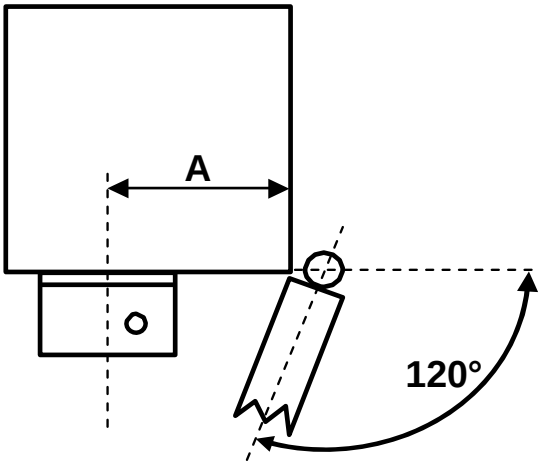


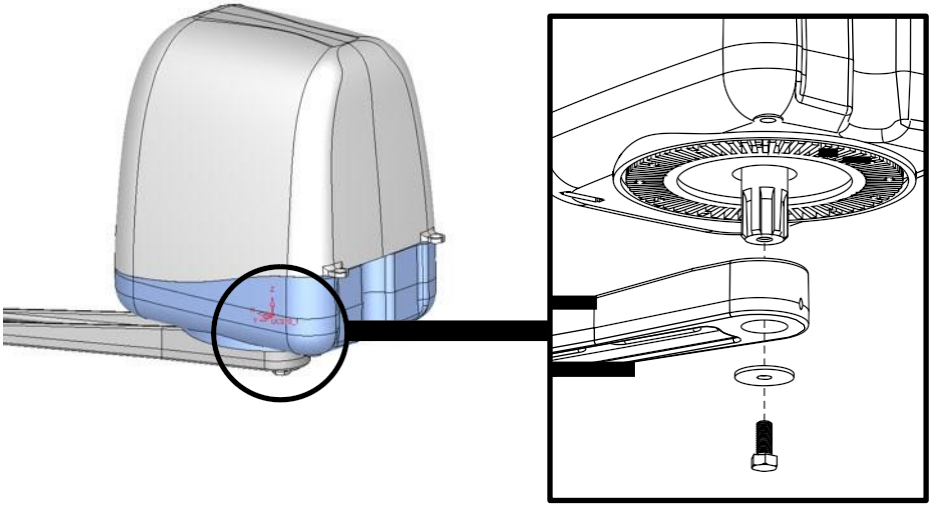
Table 1

90° OPENING		120° OPENING	
A	**13 cm**	**A**	**19 cm**
B	**30 cm**		

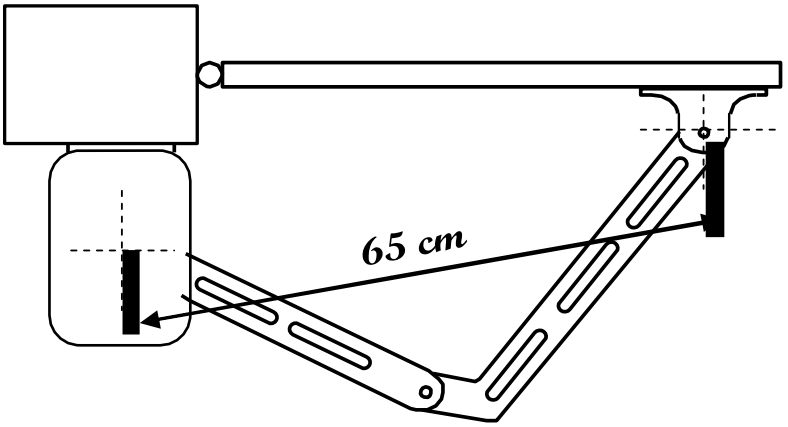




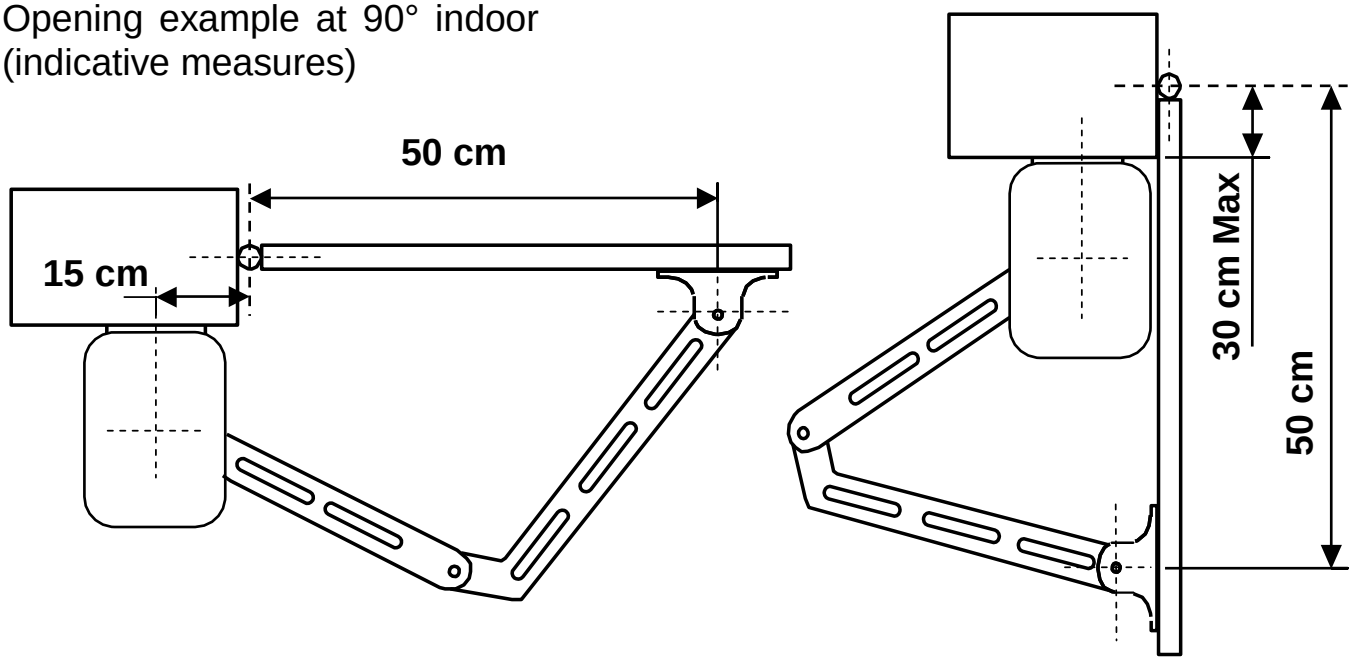
To find the desired angle, insert the lever and release the motor



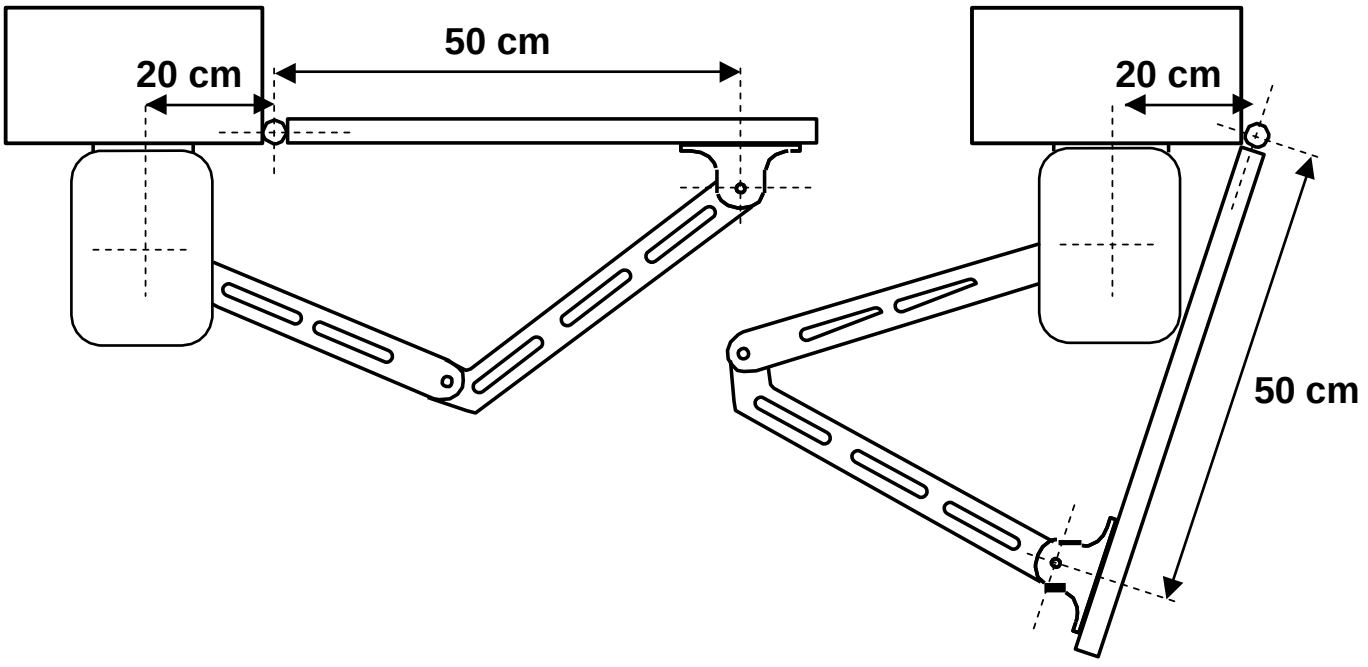
Move the wing to the stop and mark the fastening point of the lever coupling plate to the gate



Opening example at 90° indoor (indicative measures)

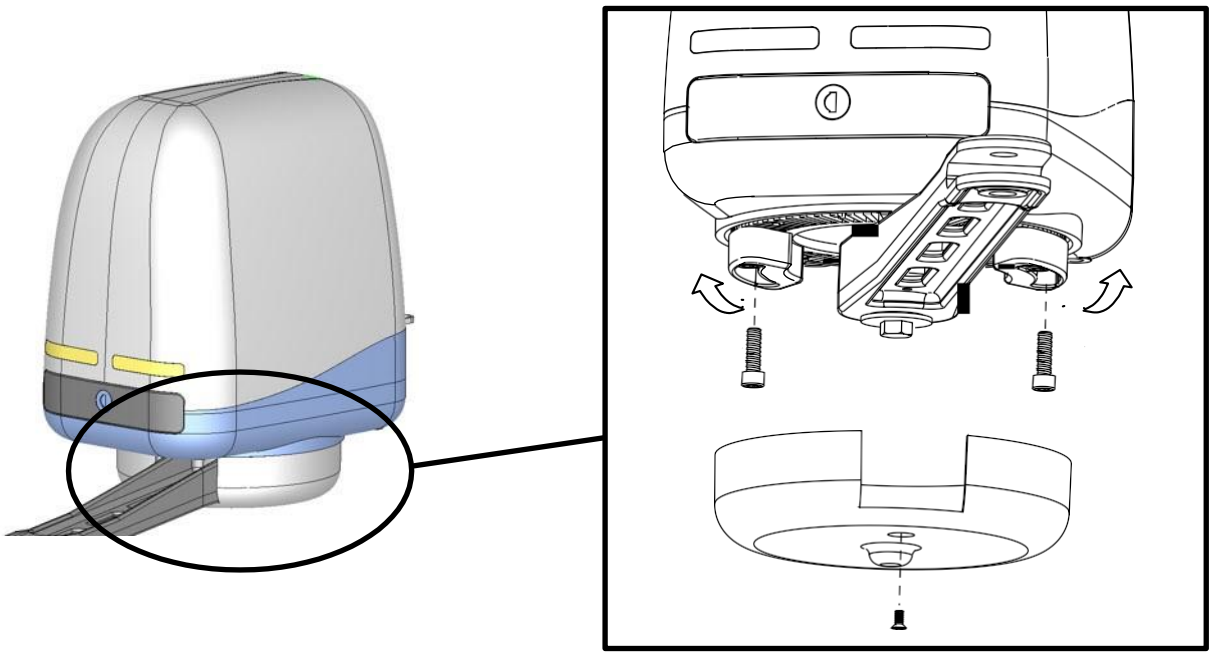


Opening example over 90° indoor (indicative measures)



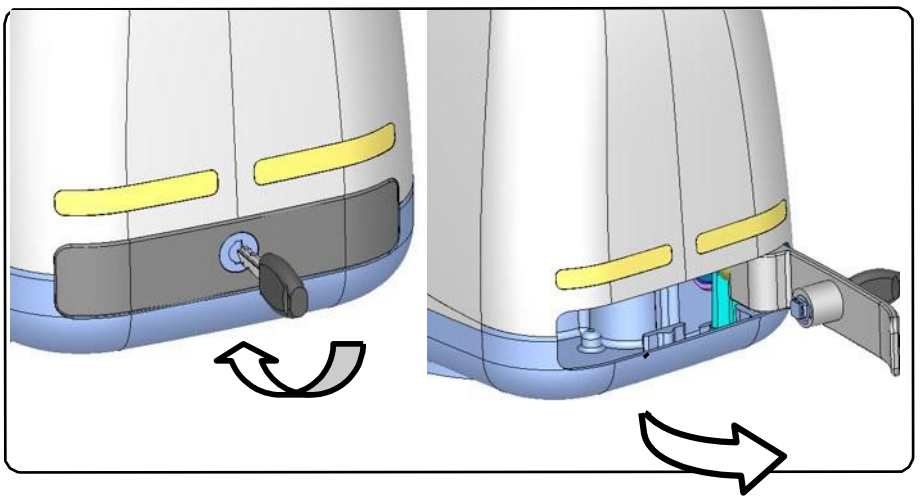
MECHANICAL LIMIT SWITCH

To assemble the mechanical limit switches for opening and closing, insert the cams in the desired position and lock with the screws.



EMERGENCY RELEASE

- Insert the supplied key in the specific lock located on the lever of the motor
- Turn the key clockwise
- Pull the lever up to unlock



TROUBLESHOOTING

PROBLEM	PROBABLE CAUSE	SOLUTION
On giving a command with the remote control or with the key-switch, the gate doesn't open or the motor doesn't start	230 volt mains voltage absent	Check master switch
	Emergency STOP present	Check for any STOP selectors or commands. If not used, check jumper on STOP contact input on the control board
	Fuse blown	Replace with one of same value.
	Power cable of motor or motors not connected or faulty.	Connect the cable to appropriate terminal or replace.
	The photocell is not functioning or the beam is interrupted	Check the connection, remove any obstacle across the beam
On giving a command with the remote control, the gate doesn't open but works with the key command	The remote control has not been memorised or the battery is flat	Carry out the remote control learning procedure on the radio receiver or replace the battery with a new one..
The gate starts, but stops immediately	The force of the motor or motors is insufficient	Modify the value with the FORCE trimmer on the control unit
One wing opens and the other closes	The connection is not correct	Invert the connection of the cable of the motor which rotates in the wrong sense

N.B. – if the problem persists, contact service@oxygenautomation.com or call us at 0510402911 from 9.00 to 18.00 (CET).

SAFETY PRECAUTIONS

These warnings are an essential, important part of the product and must be given to and understood from the user. They provide important indications on the installation, use and maintenance, and must be read carefully.

This form must be preserved and passed on to subsequent users of the system. The incorrect installation or improper use of the product may be dangerous.

INSTALLATION INSTRUCTIONS

- The installation must be performed by professional personnel and must be in compliance with the current local, state, national and European legislation.
- Before beginning the installation, check the integrity of the product.
- The laying of cables, electrical connections and adjustments must be performed safely and carefully by professionals.
- The packing materials (cardboard, plastic, polystyrene, etc.) are a potential hazard and must be correctly arranged and not left within reach of children.
- Do not install the product in potentially explosive environments or environments disturbed by electromagnetic fields. The presence of inflammable gases or fumes is of great danger to the safety of the installer and potential other people in that area.
- Set up a safety device for overvoltage, a disconnecting and/or differential switch suitable for the product and conforming to current standards.
- The manufacturer declines all responsibility for the integrity, safety and operation of the product if incompatible devices and/or components are installed.
- Solely original spare parts must be used for repairs and replacements.
- The installer must provide all the information relating to the operation, maintenance and use of the individual parts, components and system as a whole.

WARNINGS FOR THE USER

- Read the instructions and enclosed documentation carefully.
- The product must be used for the sole purpose it was designed for. Any other use is considered improper and therefore hazardous. In addition, the information given in this document and in the enclosed documentation may be subject to modifications without prior notice. It is given as an indication only for product application. The company declines any responsibility for the above.
- Keep products, devices, documentation and anything else provided out of reach of children. In the event of maintenance, cleaning, breakdown or faulty operation of the product, turn off the power and do not attempt to operate on the product. Contact a professional responsible for the operation. Failure to adhere to the above indications may be dangerous

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FUTURE YOUR PAST

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Contact: **info@oxygenautomation.com**