

CONTROL BOXES



:hager



GREENHOUSES



TUNNEL



MULTI TUNNEL



POULTRY FARMS

QE..

QE..A

QE..B

Q1MS-24E

QMASTER

Q1MS-24T

QMASTER



VIALE SISTEMI

Since 1959

Drive equipment for Greenhouses & Poultry Farms

BASIC MANUAL CONTROL BOX

QE..

These control boxes are devised to control gearmotors with the only manual feature "open/close". They are made either of a fiberglass case, protection degree IP65, or thermoplastic material protection degree IP55, in accordance with CEI, CE standards.



CONTROL BOX WITH TEMPERATURE SENSOR

QE..A

Control boxes endowed with a control unit and a temperature sensor. The control of the gearmotors can either be activated manually or automatically. In this last case, the control unit with microprocessor searches for the optimal position of the vents, considering the temperature, thus giving the motors short commands of programmable duration [in seconds] followed by programmable pauses [in minutes]; this allows the temperature to stabilize in between commands. The display shows the temperature measured by the probe and any preset data. The boxes are manufactured in accordance with CEI, CE standards.



CONTROL BOX WITH TEMPERATURE WIND AND RAIN SENSOR

QE..B

These boxes can detect not only the temperature, but also presence of rain and wind. They can be activated either manually or automatically. When the automatic feature is on, the microprocessor operated control unit searches for the optimal position of the vents, considering the temperature. In presence of wind or rain, the sensor will limit the vents' opening according to preset parameters, going from the total locking of the vents if the wind velocity is superior to the predetermined limit, to vents' opening proportional to the interior temperature. All input-data are easy to regulate; the display shows the temperature detected by the probe and any preset data. The boxes are manufactured in accordance with CEI, CE standards.



SENSORS

The sensors of control boxes:

- wind direction and wind speed sensor
- brightness sensor
- humidity sensor
- generator control sensor
- inflating sensor for curtain
- customizable on customer's request



SLAVE ECO

The control box solution "MASTER/SLAVE ECO" is recommended in those greenhouses structures where the number of gearmotors is above 15/20 units. Compared to the centralized method (with control boxes QE.../A/B), this solution uses fewer encumbering electric cables. The system is formed by a control box named "slave" that must be set underneath each motor and by one centralized controlling box named "master", which automatically manages each connected motor by means of sensors for temperature - wind - rain.

When working manually, the series ECO needs a continuous pressure on the open/close button.

Q1MS-24E

QMASTER



SLAVE TOP

The control box solution "MASTER/SLAVE TOP" is recommended in those greenhouses structures where the number of gearmotors is above 15/20 units. Compared to the centralized method (with control boxes QE.../A/B), this solution uses fewer encumbering electric cables. The system is formed by a control box named "slave" that must be set underneath each motor and by one centralized controlling box named "master", which automatically manages each connected motor by means of sensors for temperature - wind - rain.

When working manually, the series TOP allows for an independent manning by means of an open/close selector.

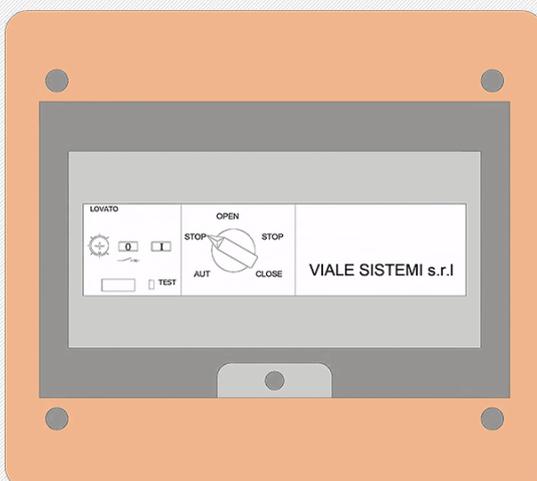
Q1MS-24T

QMASTER

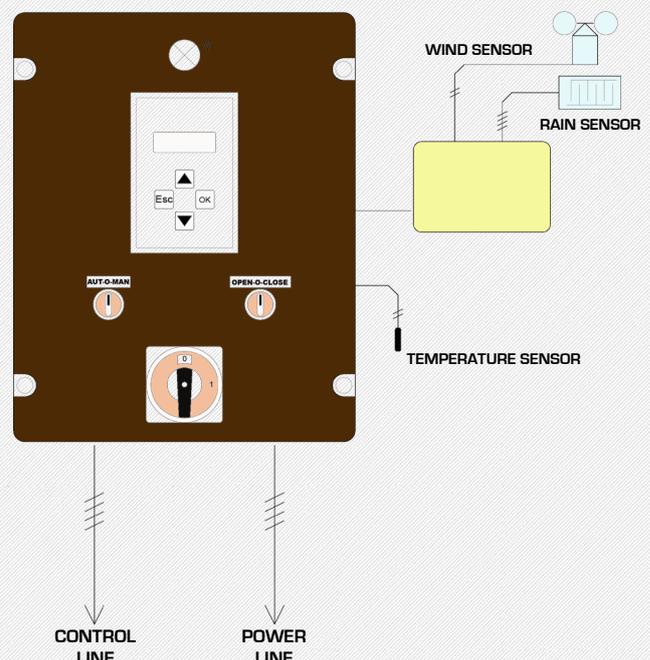


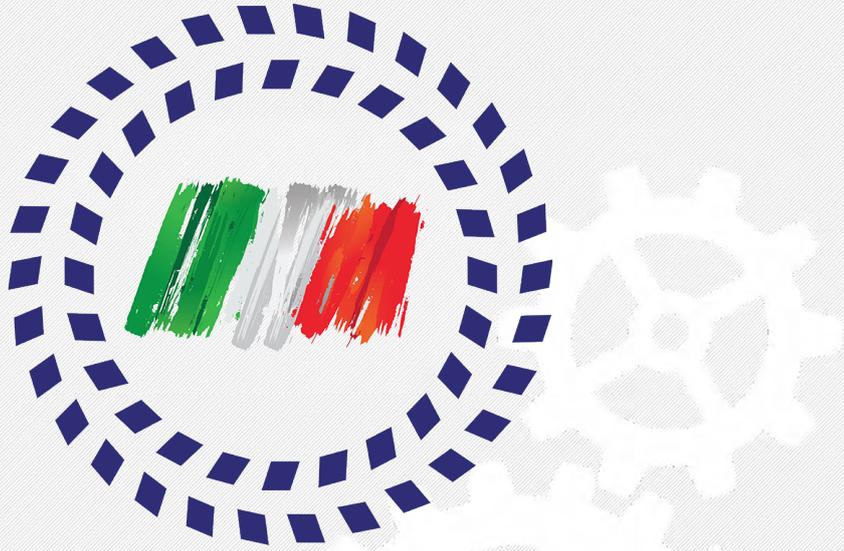
LAYOUT SLAVE

CONTROL BOX SLAVE



CONTROL BOX MASTER





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