



## SFE-EV Viridion Controller

- Can be used on SIATA valves V132, V230, V250 and V360 for softening applications.
- Improved settings setup versus former SFE-EV
- Smart regeneration capability when using drain water sensor PS1135-7 as an option:
  - Regeneration cycles length adaptation;
  - Significant water savings with an average of 22%.
- Variable brining management with embedded brine valve, allowing salt savings.
- Fixed or variable reserve calculation.
- Automatic volume calculation with more than 4 digits setting.
- Colored LCD display featuring:
  - High customization possibilities: customer logo, service phone number and password;
  - Time of day alternating with volume remaining during the service
  - Salt status indicator and alarm;
  - Indication of day of the week and time of the day in hours and minutes;
  - Regeneration steps and cycle time remaining.
- Easy and simple, user-friendly programming:
  - Different volume units set (liters, cubic meters or gallons);
  - Quick and easy setup of capacity, hour of regeneration (time), day override and holiday function;
  - Advanced programming options including up to 4 regenerations phases with independently adjustable cycle times.

- 2 free contact relays each one programmable in 8 different modalities (for solenoid valve, dosing pump, ...)
- Easy to access external terminal to connect external devices such as meters, salt sensor, solenoid valves, chlorine cell...
- Manual regeneration, meter immediate or delayed, time clock, day of week regeneration.
- Remote start, immediate or delayed, inhibit signal .
- Statistic Modes.
- Programming is stored in the EEPROM and will not be lost due to Power outages.
- Interchangeable standard lithium battery (#CR2032).
- Electrical rating: 230 V / 50 or 60 Hz transformer 12 VAC (6 VAC if Chlorine cell).
- Operating temperature range: 2-43°C.

## TECHNICAL DATA

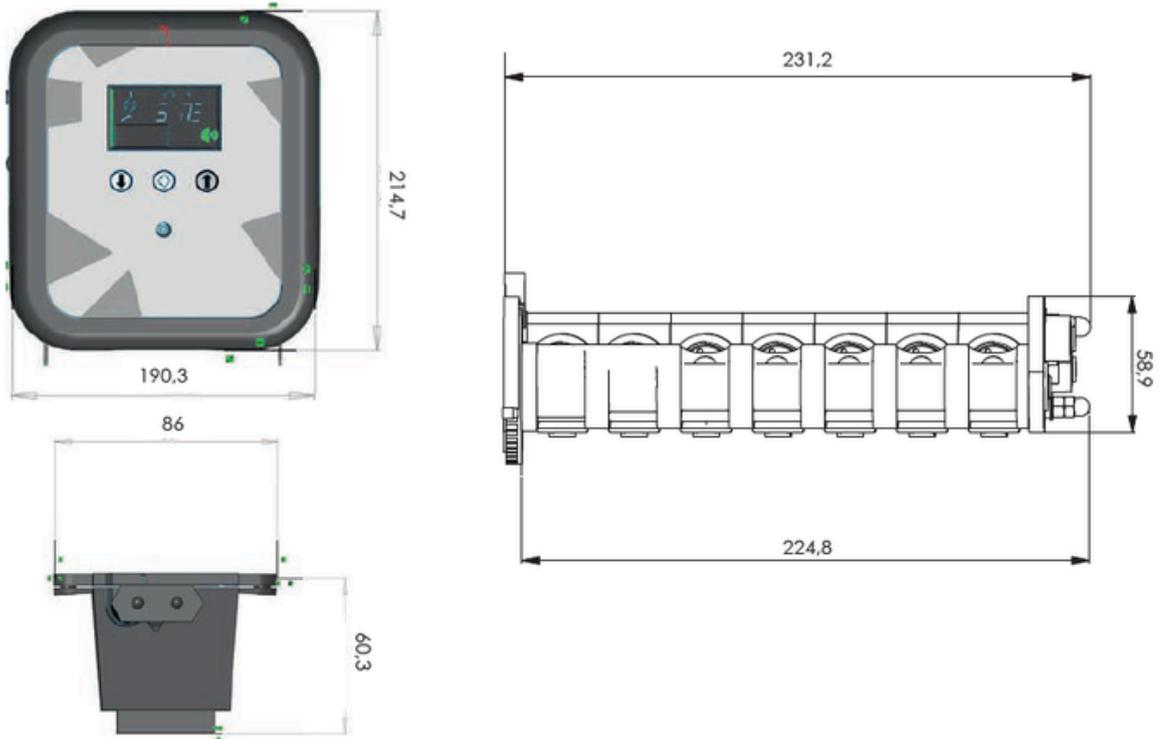
- Power supply: \_\_\_\_\_ 230 Vca  $\pm$  10%, 50/60 Hz, 7 VA, Classe II
- Pollution Degree: \_\_\_\_\_ 3
- Altitude: \_\_\_\_\_ up to 2000 m
- Operative Temperature \_\_\_\_\_ 0° C – 40° C
- IP index: \_\_\_\_\_ IP40

Relative humidity: max 80%(uo to 31°C) decreasing linearly to 50% relative humidity at 40°C

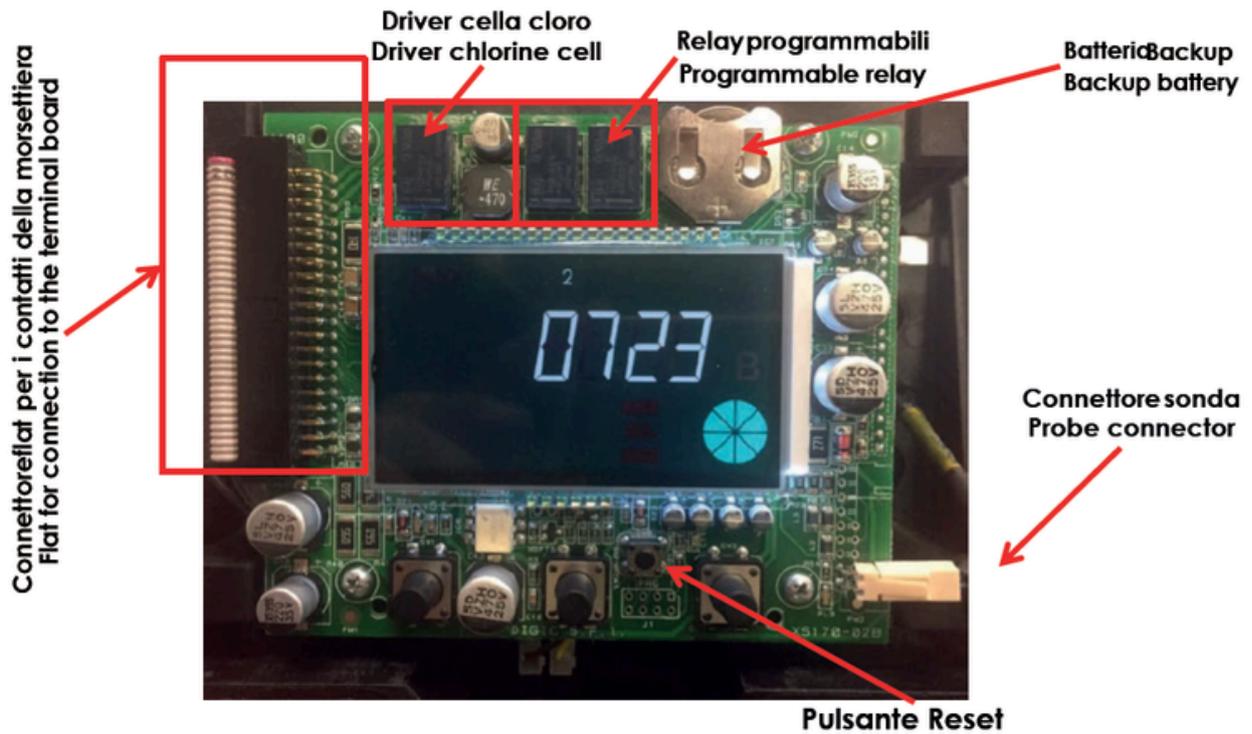
## CERTIFICATIONS:

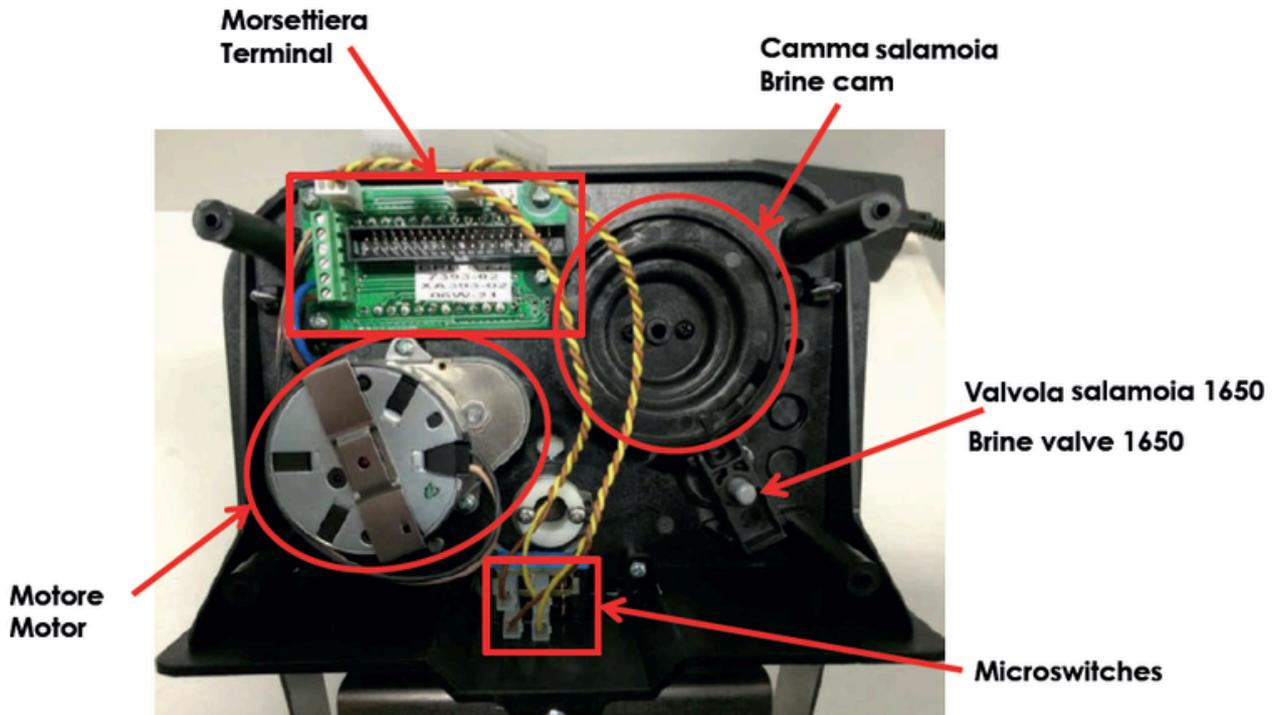
- 2014/30/UE (EMC) Directive- 2006/95/EG (Low tension)
- 2014/35/UE Low Tension
- 2011/65/EC (RoHS) Directive
- 2006/42/EC Machine Directive
- In accordance with technical norms:  
EN 61010-1; EN 60335-1; EN 61000-6-1; EN 61000-6-2; EN 61000-6-3; EN 61000-6-4; EN 55014-1; EN 55014-2:

## DIMENSIONI / DIMENSIONS



## SCHEMA ELETTRONICA / CIRCUIT BOARD





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