



Electrophysical wall Dehumidifying

With patent “Multifrequency Impulse Technology”.

Permanently eliminates rising damp.

Data Sheet – Genié Light

Generalità: Genié is the electrophysical wall dehumidifying system with “Multifrequency Impulse Technology”. It is an electronic device that achieves maximum efficiency, reliability, long life and very low energy consumption rates, designed and built to ensure maximum safety in compliance and conformity with current European standards.

Electrical specifications:

- Power supply: 230 V - 50Hz
- Rated supply voltage: 12 V DC;
- Power consumption: < 1 W;
- Operating temperature range: -10 ° C / +70 ° C;
- Dimensions (H x W x D): 200x210x48 mm;
- Material: ABS (UL94 HB);
- Colour: Grey white, RAL9002;
- Protection grade: IP40;
- Weight: ≈1kg;
- Available operating radius : 6m – 10m – 12m – 15m – 20m.

Wall Mounting: Mount the device on the wall with no. 4 screw anchors (supplied) installed through mounting holes in the base plate (remove side panels).

Installation: instructions are included in the kit.

Multifrequency Impulse Technology: the magnetic induction generated by Genié measured at the distance of 50 cm from the device is lower than 0,02 μ T. The impulses interact with water molecules in building materials only, not affecting other substances or living organisms.

Time Control: indicates and records time of use and power outages.

Standards

The appliance has been developed in compliance with the following standards:

- CEI EN 55014-1 Emissions – household appliances and portable tools;
- CEI EN 55014-2 Immunity – household appliances;
- CEI EN 60335-1 Safety of household electrical appliances;
- CEI EN 62233 Measurement methods for electromagnetic fields of household appliances and similar apparatus with regard to human exposure;;
- DIR 2004/108/CE electromagnetic compatibility and repealing Directive 89/336/EEC ;

Dehumidification: Genie exerts a spherical action and has an operating radius of 6 / 10 / 12 / 15 / 20 meters in all directions.

The system does not require the use of chemicals or of complex auxiliary technologies. It is harmless for human beings, animals and other living organisms. No action is required on the wall structure. It causes no damage to any building material. Thanks to its modular design, the system is suitable for large masonry structures as well.

The “patent application deposited” at the Italian Patents and Trademarks Office – UIBM, no. 0001426485, makes unique the operating principles of the amazing Genié technology.