

**MURSEC ECO MULTIFREQUENCY with SmartPolar®  
POLARITY INVERTER**



**DESCRIPTION**

**Drying out of walls on ground floors and basements affected by rising damp using the wireless multi-frequency MURSEC ECO technology with SmartPolar®.**

**SYSTEM OPERATION**

The **MURSEC ECO multifrequency** device emits a very low frequency signal that acts on the water molecules present in the pores and capillaries of the wall, changing their polarity and preventing the rise of humidity.

MURSEC ECO has a built-in microprocessor that works with the **SmartPolar®** algorithm. The signal can be personalized through a mobile device, and the drying of each of the building materials (brick, stone, wall, concrete...) can be optimized, no matter how heterogeneous and thick the wall is.

Each construction material has its optimum drying frequency, and our multi-frequency system adapts to maximize the penetration and drying capacity of each one of them.

There are different devices depending on the surface to be covered. The radius of action of the device is what determines the coverage area.

**MODELS:**

- S R4 (Action radius of 4 meters)
- S R6 (Action radius of 6 meters)
- M R8 (Action radius of 8 meters)
- M R10 (Action radius of 10 meters)
- L R12 (Action radius of 12 meters)
- L R15 (Action radius of 15 meters)
- XL R22 (Action radius of 22 meters)
- XL R30 (Action radius of 30 meters)

Dimensions: 220x220x50,5 mm  
Weight: 850 grams approx.

**POWER SUPPLY:**

Transformador independiente 12VDC 230V, 50-60 Hz  
Green LED indicate correct power supply  
Red LED indicate problem  
Blue LED indicate remote connection is on

**BOX**

IP 40 protection, impact plastic resistance  
ASA+PC-FR (UL 94 V-0)  
Light gray RAL 7035. IP40

**INSTALATION**

Easy to install. Just need to screw to the wall.

**REGULATION**

- CE Conformity
- 2013/35/EU
- 2014/35/EU (LVD)
- 2014/30/EU (EMC)
- 2014/53/EU (RED)

**POWER**

Average consumption 0.5W This means an estimated cost of less than 10 euros/year.

**DRAINING**

The MURSEC ECO system is complemented by the special microporous DRAINING mortar that allows remaining moisture to evaporate and contain salts.

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