

# Functional Description

Electronic wall draining

Type: OMBRELLO R7+ / R14+ / R24+ / R48+

The wireless wall draining system Type OMBRELLO is based upon the electric and magnetic basic principle. It operates by emitting electromagnetic waves (long waves) of different frequencies. This causes an alternation of the wall's frequency spectrum so that initiating tension forces which start the ascending capilar moisture don't arise any-more. Several Frequency generators create the necessary oscillation in the KHz and MHz band.

Wall draining appliances Type OMBRELLO are **free of electronic pollution**.

The transmitting power is less than 1 Nano Watt (= 1 part in a billion).

Power consumption p.a.: 6.- – 8.- €



<b>Housing size: ( H W D )</b>	R7 195 x 242 x 115 mm R14 220 x 290 x 140 mm
<b>Housing material</b>	ABS plastics
<b>Protection class</b>	IP 54 Splash water protected
<b>Power input</b>	V 12 VDC A 11mA
<b>Power converter 230VAC</b>	Input: 230V > / 50-60Hz/200mA Output: 12VDC/1,4A
<b>LED display</b>	showing green = Draining Activ
<b>Operating hour meter</b>	D / h
<b>Operation</b>	noiseless and free of maintenance



The equipment matches the EMC guidelines (Electro-Magnetic Compatibility) according to subsequent standards:  
**EN 50081-1-1992 / EN 50082-1-1992 / EN 55022-B**  
IEC 801-2 / IEC 801-3 / IEC 801-4

Grid connection:  
230 VAC outlet for 12 VDC power converter  
(to be replaced by local system upon installation)

Wall drying appliances OMBRELLO show the **CE** - emblem.

