

Device for Dehumidification of Masonry walls, Stand-Alone Unit

Application	Unit is optimized for dehumidification of masonry walls comprising mainly one masonry type which have been damaged by capillary moisture.
Enclosure	Rated IP 40; Impact resistant ABS; Fire rating per UL94 HB; Electrically fully isolated; Color Lava or White (RAL 9002).
Fastenings	Attachment using screws behind the cover plates on right and left sides.
Dimensions	L = 210 mm, W = 200 mm, H = 48 mm
Weights	1400 g (incl. mains adapter)
Electrical Connection	Mains adapter SYS1421, 100 - 264 V/AC, 47 - 63 Hz; Output 12V/DC, 6 Watt; Safety-CE, TÜV; Cable length 1.8 m; During power outings the unit will not function – automatic restart when electrical supply is restored.
Pulse Controller	Maintenance-free IC module manufactured to industrial standards by ECODRY; bipolar mode with active and passive phases alternating.
Display Power	Power: LED shows Green – Unit is ready Pulse: shows Green or Yellow – Unit is in passive phase LED flashes Green/Yellow – Unit is in active phase; Inductive feedback loop ensures visual confirmation that the unit is working correctly.
Counter (hours)	Documents total operating time; saves data even if power supply is interrupted.
EMC Regulations	Interference emission and noise immunity comply with VDE-EMC regulations; values fall well below the norms of the European Standard EN 61000-3-3; they also fall below the much stricter recommendations of building biologists. EMC evaluations and assessments by independent building biologists confirm the unit to be entirely harmless for humans, animals, and plants.
Energy Consumption	Power consumption max. 5 Watt, corresponding to 0.12 kWh/day or ca. 44 kWh annually.
Efficiency	The unit is configured for an effective radius of 12 m.
Name Plate	CE- Tag, manufacturer's data and serial number. CE- Standards per 93/465/EWG and per VDE.

