

Device for Dehumidification of Masonry Walls, Master Unit

Application	Unit is optimized for dehumidification of masonry walls comprising mainly one masonry type which have been damaged by capillary moisture. The unit is designed as a Master Unit. A maximum of 5 slave units, WS and/or Inpoint, may be connected.				
Enclosure	Rated IP 40; Impact-resistant ABS; Fire rating per UL94 HB; Electrically fully isolated; Color Lava or White (RAL 9002 – no image)				
Fastenings	Attachment using screws behind the cover plates on right and left sides.				
Dimensions	L = 270 mm, W = 200 mm, H = 48 mm;				
Weights	1900 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 1.8m; during power outages 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	LED 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 61000-23-3; 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 44 kWh annually.				
Efficiency	The unit is configured for an effective radius of 15 m.				
Name Plate	CE-Tag, manufacturer's data and serial number CE- Standards per 93/465/EWG and per VDE.				
Slave Units	<table border="0" style="width: 100%;"> <tr> <td style="width: 15%;">WORKSTATION</td> <td>Wall mounted unit similar to Master Unit, Effective radius 12 m</td> </tr> <tr> <td>INPOINT</td> <td>developed for particularly thick walls Effective radius 6 m</td> </tr> </table>	WORKSTATION	Wall mounted unit similar to Master Unit, Effective radius 12 m	INPOINT	developed for particularly thick walls Effective radius 6 m
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