

Dehumidification of buildings for dry and healthy living.

Thanks to our  **dehumidification Pearl.**



Recommendation

**Choose our dehumidification device
and you made the right choice.**

Is the dehumidification bead in use?

- **Get a house with better living quality instead of the moisture of the wall**
- **Save heating costs
(1% weight = 5% loss of insulation value)**
- **The musty smell in the rooms disappears**



Dehumidification technology

Switzerland + Principality of Liechtenstein

Technology for dehumidification of structures

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Dehumidification technology

Switzerland + Principality of Liechtenstein

Technology for dehumidification of structures



We provide professional competence and excellent service

Dehumidification of structures for dry and healthy living.

Our  **dehumidification Pearl makes it possible.**

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For good reasons



The dehumidification Pearl harmonizes the climate in your home and turns a building into an oasis of wellbeing

Dehumidification of different types of walls and masonry:

- Natural stone masonry
- Concrete walls
- Brickwork
- Vaults and tunnels
- Timber structures
- etc.

Powerful for:

- object draining
- combating mold
- healthy indoor climate
- save heating costs
- preserve the building structure

Despite all these excellent properties,
the dehumidification Pearl is
«compliant with Minergie»



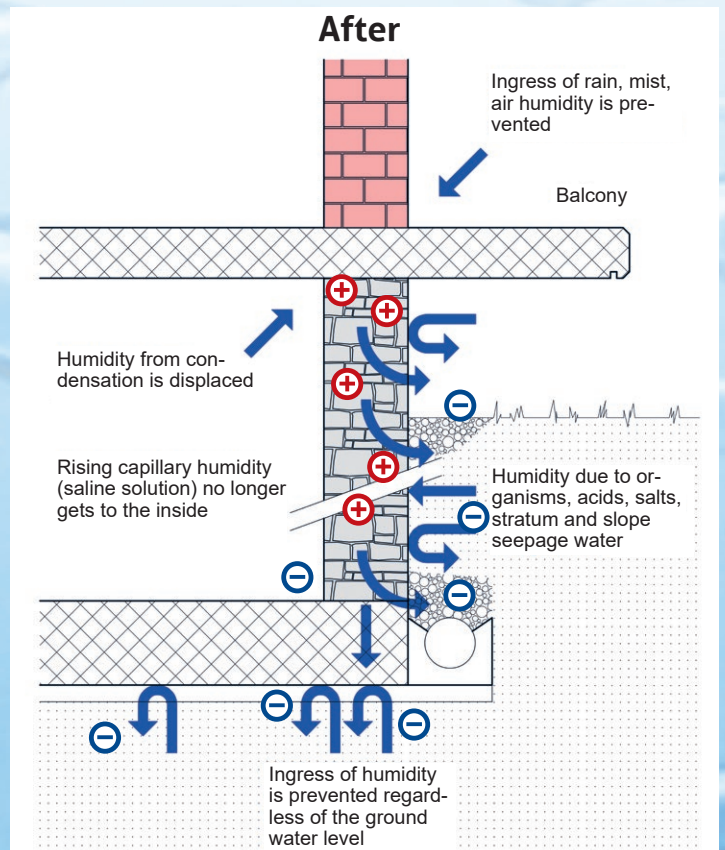
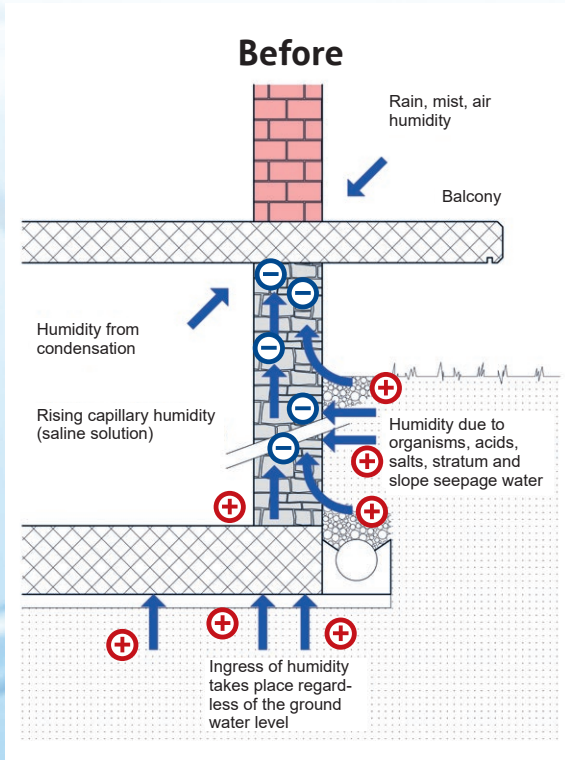
The original dehumidification device

Always updated to the latest state of technology!





Dehumidification «Pearls»



The dehumidification «Pearl» is capable of eliminating unwanted phenomena, such as:

- damp walls
- musty and mouldy smell
- greying
- discolouration stains
- mould and fungus spores
- paint and plaster damage



If sealing and insulation is defective...



... damage quickly becomes visible in the form of greying and mould formation, etc...



... damage becomes visible, regardless of plastered or rough masonry.



Technical function description

Dehumidification «Pearl»

Type: R15+H-R / R30+H-R / R45+H-R / Tunnel L100

The foundation for the wall dehumidification system is the basic principle of electromagnetics. The different waves, i.e. «frequencies» are transmitted together with long waves so that they cause a change in the frequency spectrum of the walls. As a consequence, the rising capillary humidity loses its tension so that its direction can be changed. In this way, the capillary humidity can be led back into the soil.

The dehumidification device «Pearl» is compliant with Minergie (Swiss building standard) and only generates low amounts of electric smog.

Its transmission power is approx. 1 nano-Watt (1 billionth of 1 Watt).

The cost for power supply amounts to approx. 6 to 8 Swiss Francs per year.



Size:	W x H x D 29 cm x 22 cm 14 cm
Casing:	Plastic (splash proof)
Power:	V 12VDC
consumption:	A 11mA
Indicator:	Operation = indicator light for operation active
Battery operation:	Battery voltage, colour
Operation counter:	Operating days / hours



The wall dehumidification systems comply with EMC regulations (electromagnetic compatibility) according to the standards listed below:

EN 62368-1:2014
EN 62368-1:2014 / A11:2017
EN 61000-6-1:2007

EN 61000-6-3:2007
EN 61000-6-3:2007 / A1:2011
EN 61000-6-3:2007 / A1:2011

In addition, the limits for personal protection as per **DIN/VDE 0848** and Federal Immission Protection Act are undercut by far.