



Dehumidification technology

Switzerland + Principality of Liechtenstein

Technology for dehumidification of structures



We provide professional competence and excellent service

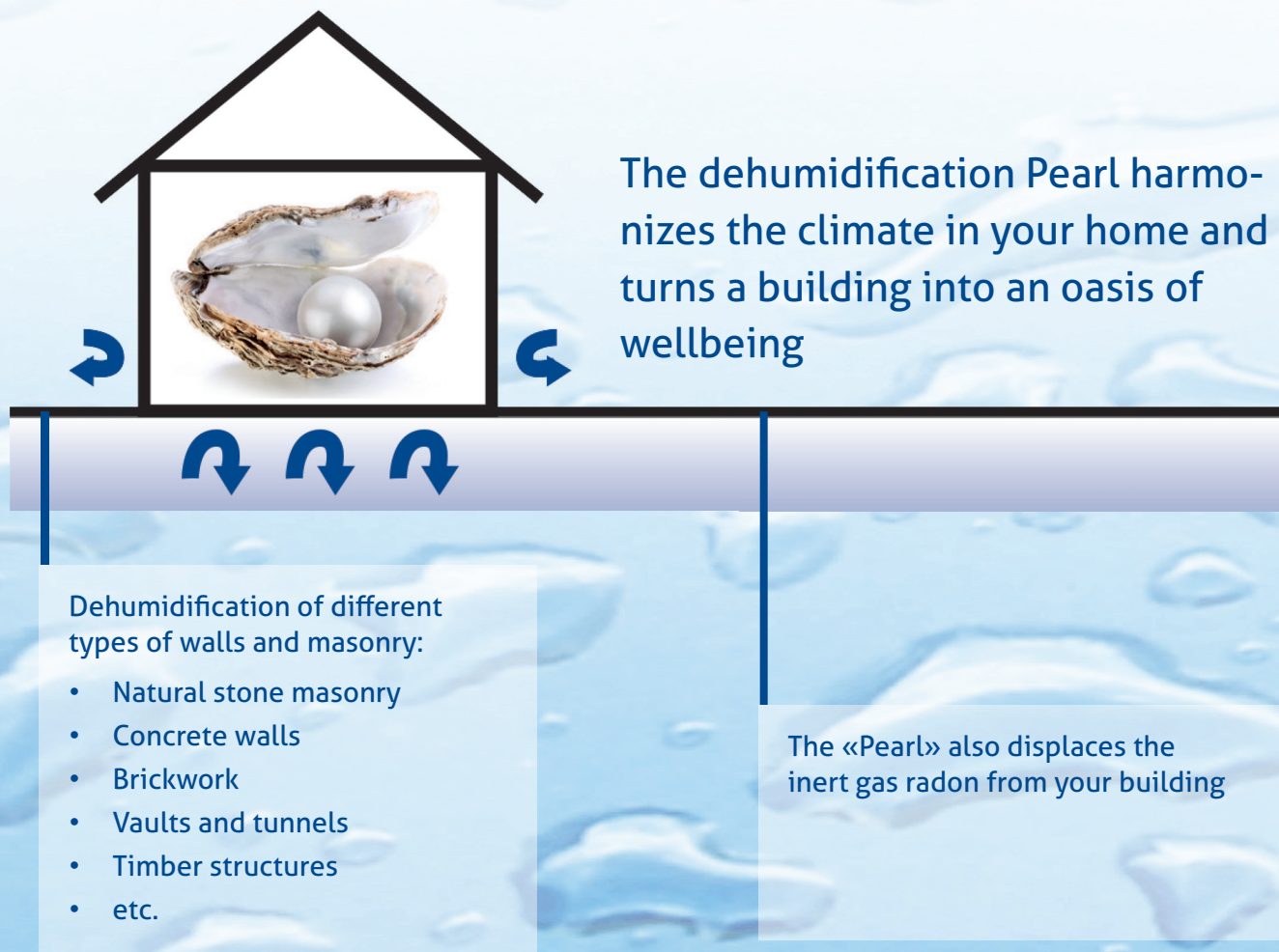
Dehumidification of structures for dry and healthy living.



Our dehumidification Pearl makes it possible.



For good reasons



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



The original dehumidification device

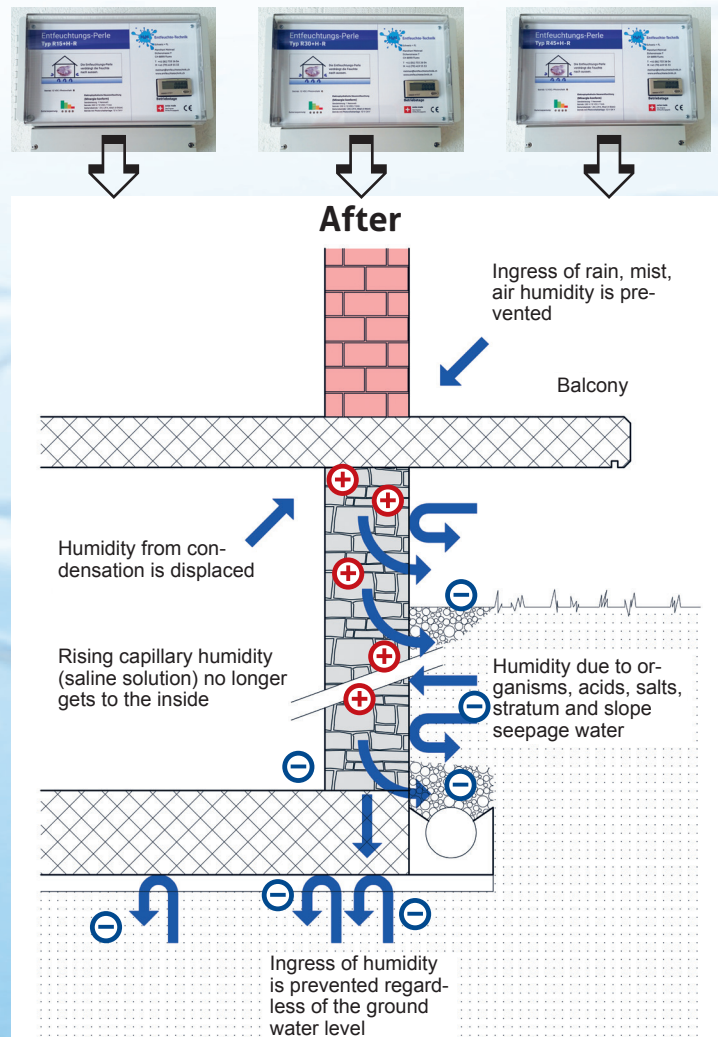
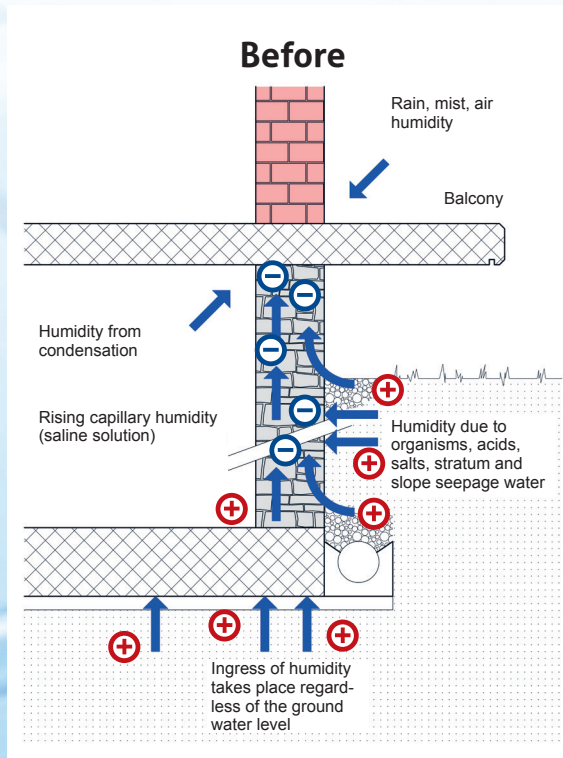
NEW

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

Thermal imaging camera

The thermal imaging camera combines advanced thermographic features and a large number of additional application options with ultra-compact design.

With the aid of this thermal imaging camera we can demonstrate thermal bridges and any potential leakage in walls and floors that may promote ingress of humidity, etc.



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

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

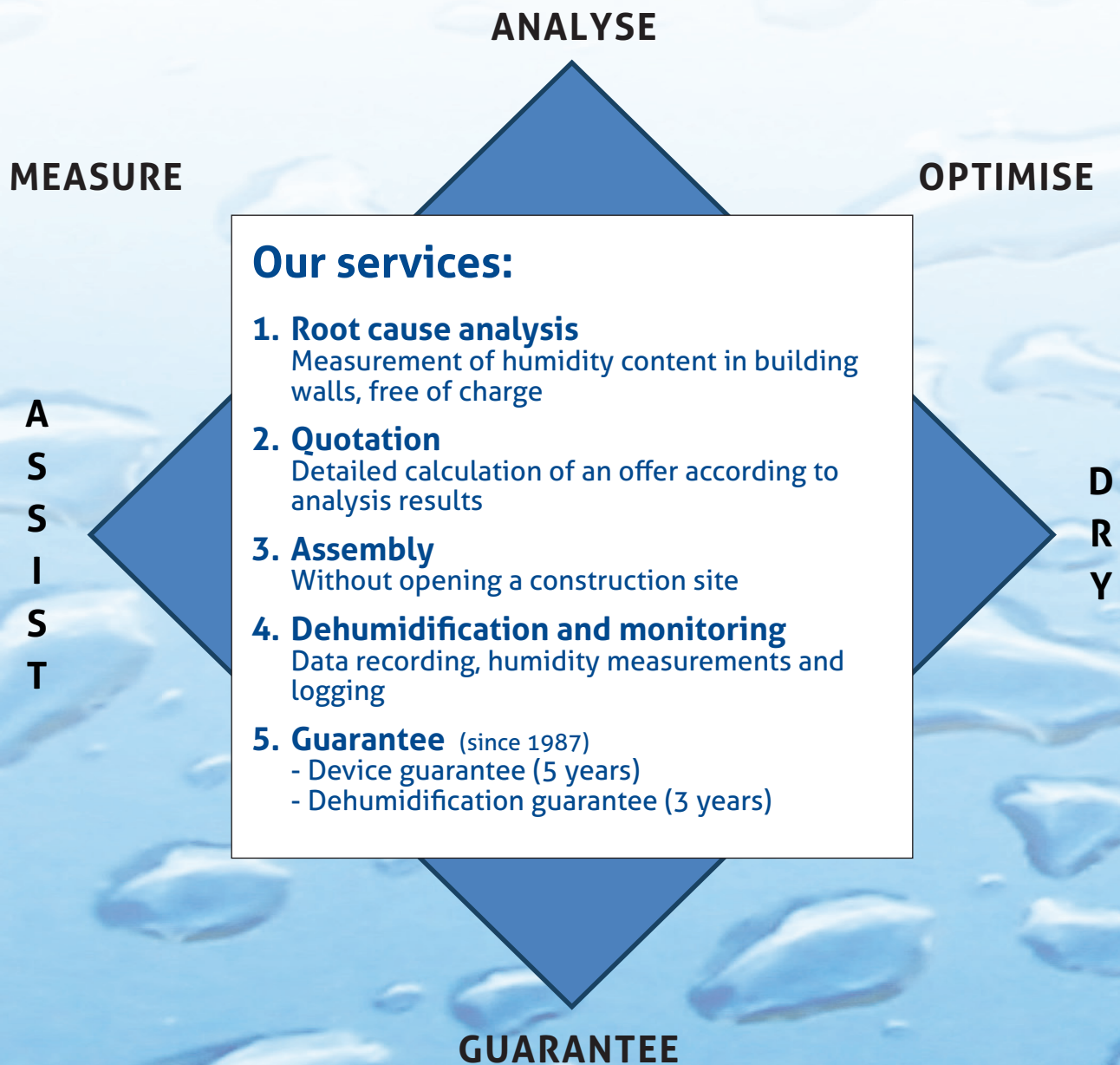


The wall dehumidification systems comply with EMC regulations (electromagnetic compatibility) according to the standards listed below:

EN 50081-1:1992
EN 50082-1:1992 / EN 55022-B /
EN 55011 Class 2
Group B / EN 61000-6-3:2007

+A1:2011 / +EN 61000-6-1
EN 61000-6-4 + EN 61000-6-2;
IEC801-2 / IEC 801-3 / IEC 801-4
and ÖVN norm **R/62/1977**.

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



Dehumidification of buildings for dry and healthy living.

Thanks to our  **dehumidification Pearl.**



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Choose the right trump card for dry and comfortable living!



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