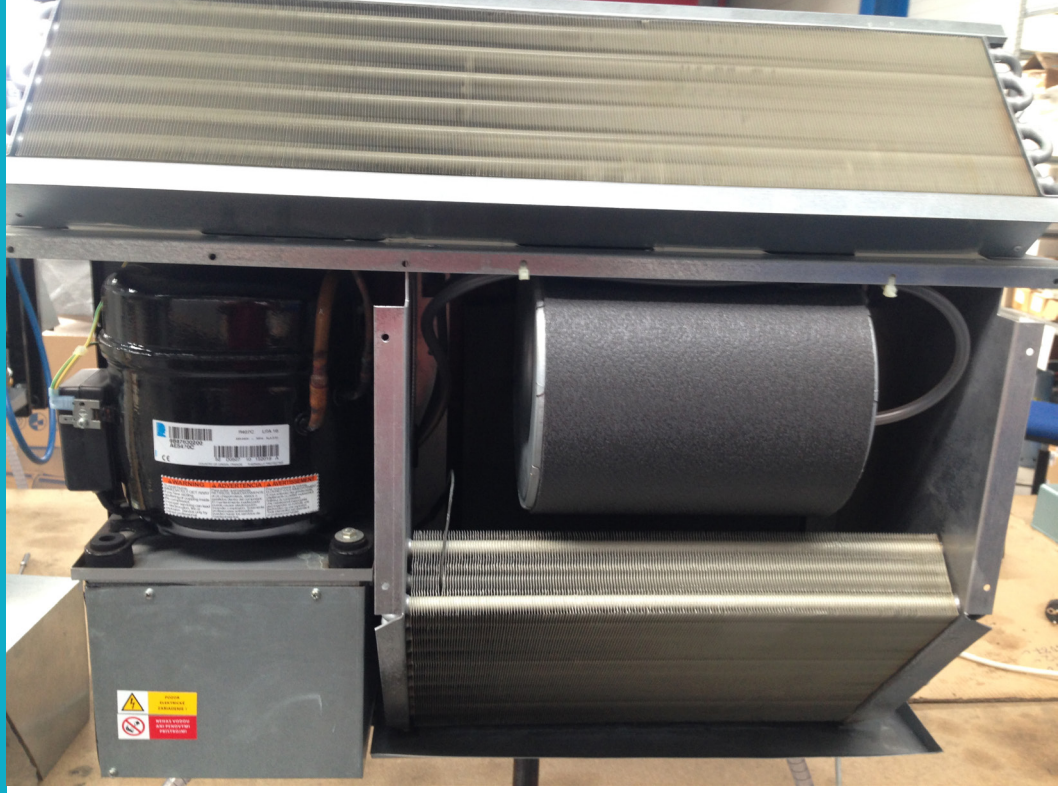




- Location: Private residence, Rovinka Bratislava, SLOVAKIA
- Model: DRY 300 PLASTIK
- Year of Installation: 2007



CASE STUDY

15 year long product life span?

Often our customers ask us what is the actual life span of a swimming pool dehumidifier. When we confidently respond to them 10 to 15 years, they show, well a bit of a mistrust. This short case study will demonstrate that a Microwell product can truly last reliably throughout the period of 10 to 15 years of a permanent usage if the product is properly cared of.

Microwell Service employees took over 11 years old Microwell swimming pool dehumidifier model DRY 300 in July, 2018 for a maintenance/service purposes. After eleven years of permanent usage in a private indoor pool room this was actually the first service of this dehumidifier.

CHALLENGES

Main challenge of a swimming pool is the actual environment full of chemicals creating acids which eventually harm objects within the pool. The most typical is chlorine. Under certain concentration (1.0ppm) the chlorine is practically harmless. Above certain concentration (3.0ppm+) nothing can withstand its devastating effect. Many pool users or vendors overdose chlorine and other chemicals for water treatment. Also they use aggressive agents to clean the whole pool hall. Afterwards these customers are then surprised by the effects of such environment on all objects and building fabric including the dehumidifier.



GENESIS OF THIS DRY300

This customer received an official recommendation from Microwell that DRY300 model is the right one for this pool. Microwell recommendation was based on the actual calculation of amount of vapor.

Customer was very precise in desired conditions (air/water temperature, usage of the cover, etc.) and he maintained these conditions as much as he could. This means that the product was not undersized and just did its job every day in a time period that it was designed for.

Customer also let professionals to handle the actual installation of the device.

Customer also very closely interlocked the pool builder and learnt how to keep the right water quality and in the meantime to keep the pool 'healthy'. **The recommended water pH level, chlorine concentration, ozone concentration and other chemical conditions for pool water care are listed in every User's manual that comes with a Microwell product. It is necessary to follow these recommendations to enjoy the long term reliable operations of the dehumidifier.**

THE RESULT

Look at pictures. You see how the dehumidifier looks like after 11 years of permanent usage. There is no corrosion, no mould, no dirt and no bad odor inside of the equipment.

Key for long livelihood of Microwell dehumidifier:

1. **Correct sizing** – choose the right size and model.
2. **Correct installation** – follow the User's manual that comes with the unit.
3. **Correct usage** – follow the User's manual.
4. **Proper maintenance** – follow the User's manual.

Microwell products are efficient and reliable throughout long years!



HUMIDITY FACTORS:

- Swimming pool : 3m x 5m /22m³ of water/
- Medium sized pool room
- Covered pool to eliminate evaporation
- All year use

