



- Location: **POLAND**
- Model: **DRY 300 SILVER**
- Year of Installation: **2009**

CASE STUDY

10 YEAR OLD DEHUMIDIFIER

We are very frequently asked by our customers about the real operating lifetime of swimming pool dehumidifiers. When informing them that the average lifetime is about 10-15 years, we can see some kind of disbelief in their eyes.

In this short case study we would like to point out that Microwell products are capable of reliable operation for 10 or even 15 years even if being used constantly, with only a need of appropriate handling and maintainance.

In 2019 there was one more than 10 year old Microwell DRY 300 Silver swimming pool dehumidifier sent to our service departmen for some for overal check out and maintainance purpose.

CHALLENGES

Certainly one of the most challenging factor that has a significant influence on the swimming pool hall environment, is the presence of different chemical materials that can damage our objects in the hall. The most typical one is chlorine. At a certain level of concentration it is not harmful (1,0 ppm), however after reaching 3,0 ppm + concentration it can have devastating effect. There are many pool users and pool sellers that use or sell chlorine or other chemicals for water treatment. The use of different aggressive cleaning agents is also very common. Consequntly they stay often surprised about the bad and damaging impact of such materials on every object including a swimming pool dehumidifier.



OUR „DRY 300“ DEHUMIDIFIER HISTORY

Our client bought 2 pcs of DRY 300 Silver based on complex water evaporation calculation. The indicated requested values given by this customer were very precise (water temperature, air temperature, cover option, etc). In practise this enabled us to offer the most suitable product perfectly satisfying the customer's needs. The unit that was not undersized (possible problem in some cases), operated in the requested operating periods on daily basis. The installation was carried out by professionals.

Our client learned how to maintain good water quality and keep the swimming pool hall 'safe and healthy'.

Information about recommended PH level, chlorine concentration, ozone concentration, chemical conditions for pool water maintenance are listed in our Microwell swimming pool dehumidifier installation manuals that come together with a purchased unit. It is advised to follow these conditions and recommendations for a long lasting, problem free and reliable operation.

RESULT

Please see picture on the right. You can see how this 11 year old dehumidifier looks after being used continuously. There is no sign of any corrosion, mould, dirt or odour.

What is the key to long operating life of Microwell dehumidifiers?

- 1. Choice of right model** - please be careful when choosing the unit.
- 2. Right installation** - follow the steps of the attached installation manual.
- 3. Right application** - follow the steps of the attached installation manual.
- 4. Right maintenance** - follow the steps of the attached installation manual.

MICROWELL dehumidifiers are highly efficient and reliable products with long



HUMIDITY FACTORS:

- Swimming pool : 103 m³ of water / 2x Dry 300 Silver
- Medium sized pool room
- Covered pool to eliminate evaporation
- All year use
- Water temperature: 32 - 33 °C

