

# Tips for moisture control



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## General statement about moisture

Moisture can be detrimental for hearing aid components. Moisture can create intermittent function in hearing aids and can also make a hearing aid appear to be completely non-functional. Many hearing aids do have IP68 ratings but that does not guarantee a moisture-free environment as the ear is very humid.

## General information about IP ratings

IP stands for Ingress Protection, an international standard (IEC 60529) that classifies the degree of protection provided by an enclosure against solids and liquids.

An IP68 rating means a hearing aid (or any electronic device) is both dust-tight and waterproof. Specifically, the "6" indicates complete protection against dust, while the "8" signifies the device can withstand being submerged in fresh water up to 1 meter for 30 minutes.

See the product data sheet to determine the IP rating of any BTE or RIC hearing aid. IP ratings are not available for custom hearing aids.

Additionally, oleophobic microphone screens and nanocoating with IP68 rating are excellent for moisture control.

## Additional methods to reduce hearing aid moisture

### Dry cloth

Use dry, lint-free cloth to wipe off moisture from hearing aids and earmolds

### Chargers with drying functions

Some hearing aids may be compatible with chargers that also function as dehumidifiers and sanitizers.

### Dry tubes for earmolds

Dry tubing contains acoustically transparent perforations that allow moisture to naturally evaporate from the tube



### **Earmold air blower**

Simply detach the tubing from the ear hook. Squeeze the bulb to push moisture out of the ear mold tubing.

### **Redux Pro Link / Redux Pro**

Safe for rechargeable or battery-operated hearing aids. Remove the battery from the hearing aid prior to running the drying cycle.

A vacuum is used to reduce the evaporation point of water. The liquid turns into a gas which is then removed from the hearing aid. A valve opens to allow fresh air into the chamber. The vapors are expelled across a humidity sensor to the outside. The process repeats until all moisture is removed. A display screen reveals the amount of moisture removed.

### **PerfectDry Lux**

If the hearing aid is battery operated, remove the battery prior to running the drying cycle. If the hearing aid contains a rechargeable battery, this type of battery will be safe during the drying cycle.

Removes moisture with heat

45-minute cycle

### **Dehumidifying Jars / Desiccants**

If the hearing aid is battery operated, remove the battery prior to running the drying cycle. If the hearing aid contains a rechargeable battery, this type of battery will be safe during the drying cycle.