

# GURIN



## **Instruction Manual**

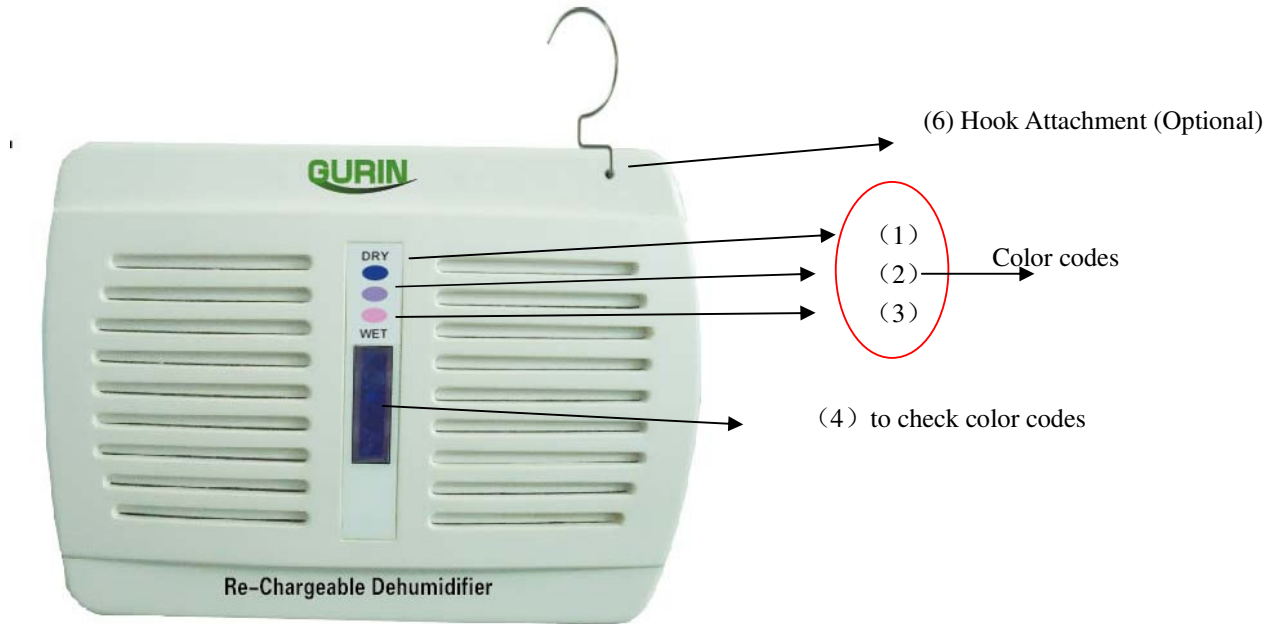
**DHMD-110 Re-chargeable Dehumidifier**

**[www.gurinproducts.com](http://www.gurinproducts.com)**

## I. FEATURES

Each unit contains water glass technology crystals. Water glass is a very absorbent substance that has an absorption rate much higher than traditional soluble humidity absorbing products.

It's colorless, odorless and non-toxic and will not re-release moisture back into the air until the unit is regenerated. This new water glass technology is the most efficient way to absorb moisture.



- (1) **Blue indicator** (Free from moisture).
- (2) **Middle** (Work in progress).
- (3) **Orange indicator** (Full of Moisture, time to connect to A/C outlet for 10-15 hours)
- (4) **Wet Crystal view window** (to check color codes of blue, orange)
- (5) **AC Power Cord**
- (6) **Hook Attachment (Optional)**

## II. Working Principle:

When the ambient temperature reaches 20% RH, the silica particles inside is ready to absorb moisture which the indicator window shows over 10% absorbent with little difference; while 40% RH, the absorbent reached more than 20%; and above 60% RH, moisture reached more than 34% of the silica particles with big difference. When the Dehumidifier is in need of re-generation the crystals inside the indicator window will change color from BLUE to ORANGE. Depending on the level of moisture in an area, a fully charged unit will last on average 20-30 days before regeneration is needed (results may vary depending on the level of humidity).

## III. SPECIFICATIONS

Voltage: 120V/60Hz ,

Power : 18W

Use of the environment: 68 to 104 F, more than 50% humidity

NW. : 635g

GW. : 640g

## IV. APPLICATIONS

Gurin Renewable dehumidifiers are designed to remove moisture from cabinets, closets and other spaces.

## V. Regeneration

**When the Dehumidifier is in need of re-generation the crystals inside the indicator window will be from BLUE to ORANGE.**

To re-generate the unit, simply plug it into a standard outlet or outlet strip, where the excess moisture can be released and distributed (i.e. utility room, garage, well-ventilated area). Leave the unit plugged in overnight for 10-15 hours. The Dehumidifier will heat up (this is normal) during the re-generation process. When the drying process is complete, the crystals inside the indicator window will turn BLUE and the unit is ready to use again. At this time, turn off the power.

### Caution:

- Ensure the unit is upright when it is being charged.
- Avoid direct contact with water. Do not drop or dismantle.
- Do not plug in while the indicator window is BLUE.
- Do not leave plugged in for more than 15 hours.



Distributed by:  
Gurin Products, LLC  
2522 Chambers Road, Suite 100  
Tustin, CA-92780

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