Moisture-Proof Cabinet

◆ Product Description

The moisture-proof cabinet is specifically designed for storing small batches of precision items. It adopts semiconductor condensation dehumidification technology and a microcomputer humidity control system, enabling precise regulation of humidity inside the cabinet. It effectively prevents items such as lenses, electronic components, reagents, and precious collections from moisture-induced mildew and oxidation, and is suitable for scenarios like small laboratories and electronic workbenches.

- Compact size and efficient space utilization
- Precise humidity control and long-lasting humidity retention
- Durable structure and user-friendly details
- Low consumption, low noise, and eco-friendly design
- Safety protection and flexible expansion

◆ Product Structure

- The cabinet body of the moisture-proof cabinet is made of cold-rolled steel plates through CNC stamping and forming, with its surface treated by electrostatic spraying, and its rust resistance rating reaches . The cabinet door is equipped with tempered glass and inlaid with EPDM (Ethylene Propylene Diene Monomer) sealing strips, achieving an IP54 rating for sealing performance; the interior is provided with 1 to 2 adjustable shelves, and the surface of the shelves has non-slip texture. An LED light that automatically turns on when the door is opened is also installed on the top. For dehumidification, a built-in consumable-free semiconductor condensation dehumidification core is adopted.

◆ Typical Applications

- Moisture-proof cabinets are suitable for placement on workbenches in small electronic workshops, where they store electronic components and operate with low noise without interfering with operations; on low cabinets in university laboratories, where they store reagents and glass slides and support data traceability; and on storage racks in small archive management stations, where they store small archives to prevent paper mildew. They fit the space requirements of each scenario and play a moisture-proof role.

◆ Typical Product Data and Physical Properties

Cabinet Plate Material: 1.2MM Cold-Rolled Steel Plate
Cabinet Door Glass: 3.2MM Tempered Reinforced Glass
External Dimensions: W400MM * D400MM * H560MM
Internal Dimensions: W350MM * D280MM * H435MM
Cabinet Volume: ≈42.63L （L=Liter 升）
Temperature Display Range: -20℃ ~ 60℃
Humidity Accuracy: ±2% ~ 3% RH
Rated Voltage: 2.5bar

Availability:

Item#	Size	Weight
1.4.07.01.0008	W400*D400*H560	2.9kg

◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data for reference only