

Peltier Cooler Enclosure Dehumidifier

The enclosure dehumidifier is designed to control humidity inside electrical cabinets, ensuring the protection of electrical equipment. It uses a microcomputer chip and displays temperature and humidity levels.



ADDITIONAL IMAGES



Overview

Intelligent Peltier Dehumidifier

The DH1-20 series is an advanced, refrigerant-free condensation device utilizing semiconductor Peltier technology to maintain safe humidity levels within electrical cabinets and enclosures. Designed for efficiency, this unit replaces traditional heater and fan combinations by actively controlling moisture to prevent corrosion. It features a compact, energy-saving design with built-in sensors and remote monitoring capabilities, making it ideal for switchgear, outdoor terminal boxes, and control cabinets.

Technical Specifications

Maximum Power Consumption	20 W
Dehumidification Capacity	100 ml/Day
Power Supply Range	AC/DC 85-265V
Casing Material	ABS

Features

Control & Alarm Systems

- Automatic humidity level monitoring
- Automatic operation adjustment
- Dangerous humidity level alerts
- Remote monitoring integration

Key Features

Refrigerant-free, Semiconductor Technology, Energy Efficient, Compact Design, Remote Monitoring, Built-in Sensor

Applications

Typical Applications

Switchgear • Electrical Cabinets • Exchange Control Cabinets • Outdoor Terminal Boxes