

300mL Peltier Cooler Dehumidifier for Electrical Enclosures

This Peltier cooler dehumidifier is designed to protect electrical components within enclosures. It removes moisture to prevent condensation and corrosion, maintaining a dry environment.



ADDITIONAL IMAGES



Overview

Efficient Enclosure Climate Control

The DH4-60 series Peltier condenser utilizes advanced semiconductor technology to actively control condensation within electrical cabinets. By maintaining a safe humidity level, it protects sensitive electronics from moisture-related corrosion and damage. This refrigerant-free device is an energy-efficient alternative to traditional thermostat and heater/fan combinations, offering a compact, maintenance-free solution for switchgear and control cabinets.

Performance & Capacity

Daily Capacity

300 mL/day

Dehumidification Capacity

Cooling Technology

Peltier Semiconductor • Refrigerant-Free

Technical Features

Core Features

- Automatic & manual dehumidification modes
- Real-time temperature and humidity sampling
- Direct condensate drainage system
- Remote monitoring capability via data acquisition module
- No external sensor or probe required

Connectivity & Outputs

RS485 Port, Passive Output Node (Optional)

Applications

Suitable Environments

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