

Constant Temperature Cabinet 1U



Article Overview

A Constant Temperature Cabinet 1U is a compact, controlled environment unit designed to maintain precise temperature conditions for laboratory samples, reagents, or sensitive equipment.

Overview

Constant temperature cabinets are specialized enclosures that heat or cool samples to maintain a stable temperature, typically for laboratory testing, storage, or preparation of chemicals and reagents (WBParts) . They are widely used in research facilities, quality control labs, and industrial testing environments.

Key Features

- **Temperature Control:** Cabinets provide precise temperature regulation with minimal variation, often within $\pm 5^{\circ}\text{C}$, ensuring consistent conditions for experiments or storage (ESPEC) .
- **Compact Design:** Models like ESPEC's LHU-124 offer small footprints suitable for benchtop or rack-mounted setups, which may correspond to a 1U height in standard rack systems (ESPEC) .
- **Remote Monitoring and Control:** Many cabinets support PC or network connectivity, allowing users to monitor and control temperature settings via web browsers or dedicated software. Program patterns can be created, edited, and transferred between units without direct physical access (ESPEC) .
- **Data Logging:** Temperature data can be recorded via USB or network interfaces, displayed as graphs, or exported as CSV files for analysis (ESPEC)

Article Content

Constant Climate Cabinet | Environmental Test Chambers | Products ...

High performance and reliability come in a compact package, for a wide range of temperature/humidity testing needs. Continuous

Constant Climate Cabinet

Reliable, high-performance support for a wide range of temperature/humidity testing needs Improvement of ESPEC's evolving lineup

Dry Cabinets

MRC dry cabinets for laboratory and industrial storage are equipped with dehumidify system. With digital humidity control. it maintain

Rising Rack Mount Temperature Control Server Fan Cooling

Product Description This 1U rack mount cooling unit with 2 fan with temperature control is designed for applications that requires high

Accucold ARS1PV-CRT Compact Controlled Room Temperature

Accucold's Performance Series Controlled Room Temperature Cabinets offer purpose-built storage solutions for medication requiring

Controlled Room Temperature Storage

Accucold's Performance Series Controlled Room Temperature Cabinets (CRT) offer purpose-built storage solutions for medication

Constant temperature and humidity storage cabinet GNC80HS

Constant temperature and humidity cabinets are widely used in products that need to be stored under specific temperature and

Constant Climate Cabinet

Continuing improvement in the design of constant-temperature (and humidity) cabinets now add ethernet connection, which allows

Rack Mount Server Digital Temperature Control Unit with fan system 110V 1U

This 1U rack mount cooling unit with 4 fans is designed for applications that requires high volume cooling inside server or network

Constant Climate Cabinet | Environmental Test Chambers | Products ...

Our Constant Climate Cabinet (Desk-top Temperature & Humidity Chamber), which supports temperature and humidity tests in

Constant Temperature Humidity Cabinet

Constant temperature humidity cabinet by Labnics offers precise environmental control for your sensitive experiments and storage

Constant climate product list

Model KBF-S ECO 1020 | Constant climate chambers with environmentally friendly thermoelectric cooling Temperature range: 0 °C

Controlled Room Temperature Cabinets

Controlled room temperature cabinets for pharmacy, lab, and clinical use — ARES Cool undercounter and Corepoint Scientific

Rack Mount Server Digital Temperature Control Unit 110V 1U

This 1U rack mount temp control unit with sensitive temperature sensor is designed for applications that requires sensitive

Constant Climate Cabinet

With their highly efficient refrigeration system and outstanding thermal insulation, ESPEC's constant climate cabinets are ideal for

Controlled Room Temperature Cabinets

When it comes to Controlled Room Temperature Cabinets, you can count on Grainger. Supplies and solutions for every industry,

TQC Sheen C& W Humidity Cabinet

TQC Sheen C& W Humidity Cabinets are designed to reproduce test conditions of high humidity at constant or cycling temperatures.

Constant Temperature Humidity Cabinet NCTH-100

Constant Temperature Humidity Cabinet NCTH-100 features capacity of 420 L, temperature range of 16 to 40°C, stainless steel

Rack Mount Fan

Rack Mount Fan - 3 Fan Server Cooling System - 1U 19 Rackmount Cabinet Panel Adjustable Temperature Control (Digital Heat

Temperature & Humidity Controlled Cabinet - 535 L | Matest

535 L cabinet for controlled temperature and humidity testing, ideal for accelerated curing and freeze-thaw assessments. Stainless

Contact Us

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