

Dimensions and Specifications of a 15HP Cold Storage Power Distribution Box



AI Overview

A typical 15HP cold storage power distribution box has approximate dimensions of 1100mm × 1100mm × 1100mm, though exact sizes may vary by manufacturer.

Standard Dimensions and Design

For 15HP cold storage electrical control boxes, the compact design is optimized for wall-mounted installation in confined spaces, with dimensions often around 1100mm height × 1100mm width × 1100mm depth . These units are designed to house components such as contactors, circuit breakers, timers, and digital control panels for refrigeration and defrosting systems. Some manufacturers may offer slightly different dimensions depending on the enclosure material and internal layout .

Construction and Features

- **Material:** Typically stainless steel or cold-rolled steel, providing corrosion resistance in low-temperature environments .
- **Protection Rating:** High IP rating to protect against dust, moisture, and accidental contact.
- **Mounting:** Wall-mounted or floor-mounted options are available, with front access for easy maintenance .
- **Voltage Options:** Commonly available in 220V and 380V configurations to suit different refrigeration systems .
- **Digital Control:** Equipped with temperature and humidity monitoring displays for p...

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1. SCOPE: This Specification covers the design, manufacture, testing at works and supply of Distribution Boxes made out of CRCA

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General Specifications of the Cold Storage

Table 1 shows the general specifications of the selected cold storage. The inside of the wall has a layer of glass wool supported by a

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