

Ceiling Mounted Air Handling Unit

This ceiling mounted air handling unit provides efficient air circulation and filtration for indoor environments. It is designed for ceiling installation to optimize space utilization and air distribution.



Overview

High-Performance Ceiling Air Handling Unit

This ceiling-mounted air handling unit is engineered for efficient indoor air circulation and filtration, featuring a space-saving design ideal for professional environments. It utilizes a high-strength aluminum alloy frame with polyurethane foam insulation to ensure durability, thermal efficiency, and corrosion resistance. The system is highly customizable, offering various filtration grades, coil configurations, and optional components like heaters and humidifiers to meet specific air quality requirements.

Construction & Design

Frame Material	High-strength aluminum alloy profiles
Insulation Material	Polyurethane foam
Insulation Density	40 kg/m ³
Panel Thickness	40 mm

Cooling & Coil

Coil Row Options

- 4 rows
- 6 rows
- 8 rows

Coil Materials	Copper tubes, Aluminium fins, Blue fins available
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Filtration

Available Filter Grades

G3 (Flat) • F7 (Bag) • HEPA (Optional)

Components

Optional Accessories

- Electric heater
- Humidifier
- Eliminator
- Silencer
- Air damper

Fan Type	Dual-inlet centrifugal fan
Drain Pan Material	Galvanized sheet or stainless steel