

Ventilation Equipment Distribution Box



Article Overview

A ventilation distribution box is a central component in HVAC systems that directs and regulates airflow from a ventilation unit to multiple ducts, ensuring efficient air distribution and comfort control.

Function and Purpose

A distribution box, also known as a manifold, is used to separate and direct air from a central ventilation unit to different rooms or zones in a building. It ensures balanced airflow, reduces pressure drops, and can help minimize noise and energy consumption in the system. These boxes are essential for both supply and exhaust ventilation systems in residential and commercial spaces.

Types and Materials

- **Insulated Plastic Boxes:** For example, the Air Excellent DB216V125-200VE is a vertical distribution box with 16 duct connections, compatible with insulated Aerfoam ducts. It includes internal air restrictor rings for precise airflow control and can be installed on ceilings, walls, or floors.
- **Sheet Metal Boxes:** MAICO offers MF-BV sheet metal air distributor boxes in various nominal sizes, providing durability and suitability for different duct configurations.
- **Custom-Made Boxes:** PEFLEX BOXMAKER allows fully customized distribution boxes tailored to specific ventilation layouts, with flexible spigot arrangements and rapid production within 24 hours.

Key Features...

Article Content

Vallox Bluesky air distribution box

Vallox BlueSky air distribution boxes are made of galvanized sheet metal and have a noise-dampening structure. The distribution

Slim Little PVC Distribution Box

The boxes have a main PP connection with gasket (diameter Ø125-Ø160 or Ø160-Ø180 variable from model to model), to be

Why the Ventilation Distribution Box is a Must-Have for ...

A ventilation distribution box ensures even airflow in industrial HVAC systems, improving efficiency, reducing energy use, and

75mm Distribution and Manifold Boxes - BPC Ventilation Store

Optimize your ventilation systems with 75mm distribution and manifold box options at BPC Ventilation. Find the right products for

Metal distribution boxes 90 mm | Vents Global

Metal distribution boxes 90 mm - High-performance Energy-efficient <Durable ☐☐ Easy to install ☐☐ Contact our partners in your country ☐☐

Quiet-Vent Distribution Boxes

Experience silent airflow control with top-quality Quiet-Vent Distribution Boxes from BPC Ventilation. Explore our range for noise-free

Quiet-Vent Top Entry Distribution Box 180 Spigot

This box is ideal for larger or more complex ventilation systems, allowing for efficient distribution of air across multiple outlets. It

Section 5.0 — Ventilation and Air Distribution

Scope Technical Committee 5.3 is concerned with the distribution, diffusion and conditioning of air within rooms and similarly treated

Distribution boxes

Distribution boxes Ubbink's Air Excellent distribution boxes, DB200 and DB800, are designed for flexible installation and optimal

Find Cheap, Durable and Dependable Ventilation Distribution Box ...

Buy a wholesale ventilation distribution box and experience smooth management and distribution of electricity. Visit Alibaba and

Air distribution box | Komfovent

Air distribution box LOK-H Inside covered with synthetic rubber Assembled with plastic PAT-75 duct connections Galvanized steel

Variable Air Volume (VAV) Systems Operations and Maintenance

Variable air volume (VAV) systems enable energy-efficient HVAC system distribution by optimizing the amount and temperature of

Metal distribution boxes 90 mm | Vents Global

Supply or exhaust ventilation systems of residential spaces. For distribution of air from the ventilation unit through the air ducts.

Uniflex+ Distribution Box 8 x 90mm 1 x 125mm

With minimal components, the system is uncomplicated to ensure a hassle-free, speedy install. The Uniflexplus+ Semi-Rigid Range

Titus HVAC | Engineering Innovative Air Distribution Solutions ...

The Nexus OR Suite also helps to comply with ASHRAE 170 - Ventilation in Health Care Facilities. Available in two customizable

Contact Us

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