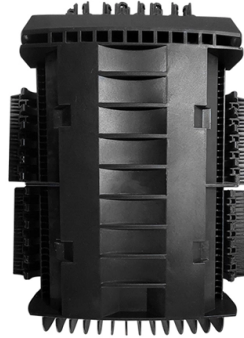


Dimensions of the Grille Distribution Box



AI Overview

Distribution box grilles typically range in size depending on type, with standard lengths and widths from 125 mm to 600 mm and depths from 125 mm to 250 mm, adjustable for duct connections and installation requirements.

Standard Sizes and Types

- Plastic grille boxes: Commonly square-shaped, with depths around 125 mm, and available in various lengths and widths to match duct or ceiling openings. They are lightweight, impact-resistant, and non-corrosive, suitable for swirl diffusers or standard air distribution ().
- Zehnder ComfoCase TVA grille boxes: Designed for connecting 1 or 2 ComfoTube 90 hoses, available in straight or angled versions, single or double, with a 125 mm sealing lid. Drill hole diameter for installation is typically 130 mm ().
- Metal or aluminium grilles: Frames can have borders of 23 mm or 27 mm, with horizontal or vertical blades, and are available with concealed screw fixing or spring clip options. Depths and duct opening sizes vary depending on the model ().

Distribution Box Variants

- TOP series distribution boxes (TOP-TS, TOP-TF, TOP-LS, TOP-PS, TOP-PF, TOP-S) range from 1-way to 36-ways, with dimensions specified in length, width, and height according to the number of ways and mounting requirements ().
- Electrical distribution boxes: Plastic or metal enclosures for power distribution, typically flush or surface-mounted, with dimensions varying by amperage and number of circuits, often in the range of 200–600 mm width and 150–400 mm height...

Article Content

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Grille Boxes | Grilles & Louvres | AMS Ducting Supplies

Grille Boxes are essential components in HVAC systems, designed to house and support grilles, diffusers, and registers. These

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T_1-1_1_EN_2(1-24)GitterBaender

Aluminium Grilles Construction · Dimensions · Materials Type AGS (non-vision grille/door grille) Non-vision grilles type AGS are

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Distribution is an essential function for the electrical panels, as well as for control and circuit protection. As well as purely technical

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The grille area, then, would need to be $1,000 \text{ cfm} / 400 \text{ fpm} = 2.5$ square feet. That's 360 square inches, so a 19" x 19"

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Steel Aeroblade Single Deflection Supply Grille, 1.25" spacing, Blades Parallel to Long Dimension

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Plenum Box For Grilles

The plenum boxes for Grilles constitute an easy and cost-effective way to connect the grilles back to

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grille-options

When ordering plenum boxes please specify length, width & height, spigot size and position (Top or Side Entry) and control options.

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Plenum Boxes 12

Introduction Correct selection and sizing of distribution plenum chambers is critical because grille air resistance is very low relative to

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Distribution | Legrand E-catalog International

Aluminium Copper Distribution box - 120 mm² - 300 A max. Compare ADD TO PROJECT LEGRAND

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Distribution Box

Metal Distribution Box Features Continuously welded seams Foam-in-place seamless gasket 120-degree opening heavy-duty

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Ventilation grilles | TROX Middle East (LLC)

The new X-GRILLE Cover ventilation grilles, made of high-quality aluminium combine function with an attractive design; they can be

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Grilles, Registers and Diffusers

Oversized units made in multiple sections, Listed Size each with full flanges.

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Standard Grille CFM Reference Chart

It lists standard double deflection supply grilles, eggcrate return grilles, fixed bar return grilles, lay-in diffusers, and their equivalent

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Sizing Return Grilles

According to this rule of thumb, the return grille I picked at 30×12 would be 360 square inches X two = 720 CFM. In the

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Grilles, Registers, Diffusers, ATU Handbook, R6 May 2025

Grilles, Registers, Diffusers, and Air Terminal Units Handbook May 2025 TABLE OF CONTENTS

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Grille Boxes | Galvanised Steel Grille Boxes | Buy Online at Ductstore

Manufactured to order from 0.7mm or 0.9mm galvanised mild steel depending on size. Grille boxes are available with or without a

Feb 26, 2026

Krueger-HVAC: Providing You With Air Distribution Solutions

Product Demo: Grille Blade Adjustment See the differences between airflow patterns after adjusting blade positioning (entrained jets)

Jan 02, 2026

Area distribution boxes with connectors

4.1 Characteristics of the materials The area distribution box associated with the copper or optical feedthrough sockets allows total

Sep 12, 2025

Zehnder grille box ComfoCase TVA-P

The Zehnder ComfoCase TVA grille boxes (plenums) are the connecting elements between 1 or 2 ComfoTube 90 air distribution

Jan 19, 2026

Grille and Louvre Measurements: A Practical Guide

Special Grilles Four-Way Diffusion Grille: This grille sits in the ceiling and deflects air in four directions. It often

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Plenum for grille, Halton BDR. Wide range of dimensions.

The Halton BDR plenum is connected to the distribution ductwork with a spigot. When equipped with a measurement and adjustment

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Plastic Grille Boxes

Plastic Grille Boxes, Plenum boxes available in various sizes to fit 4-Way Diffusers. Each grille box features multi-sized spigot.

Contact Us

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