

The electrical distribution box is very close to the building



Overview

Bottom Line Up Front: Your home's distribution box (electrical panel) is typically located in the basement, garage, utility room, or mounted outside near your electrical meter. To find it quickly, look for a rectangular gray metal box about the size of a medicine cabinet, often positioned close to. The clearance around the electric panel must be at least 30 inches wide with 3' of front workspace clearance. The electric panel door must be able to open to a 90-degree angle. Ideally, you should install a breaker box in an unfinished basement or garage, but you can place them inside any room that. The NEC 110. Electrical equipment must have a minimum 30". The National Electrical Code (NEC) provides comprehensive safety standards for electrical installations, including requirements for electrical panels (main service panels and subpanels or breaker box). NEC Article 408 covers switchboards, switchgear, and Panelboards installation and applications. 8kV down to 120/240 or 120/208 volts and then passes the electricity to a meter, which is owned by the utility and keeps a record of power consumption. After leaving the meter, the power is transmitted into the building at which point all wiring, panels.

Article Content

May 26, 2026

Electrical Panel Location Rules | Angi

The electrical panel delivers all your electricity needs, but it might ruin your aesthetic. Here are the electrical panel location rules so you can choose the best spot.

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The Complete Guide to Distribution Box: Installation, Types & More

A distribution box, also known as a distribution board, electrical panel, or breaker box, is an enclosure that houses electrical components responsible for distributing electricity throughout a ...

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Electrical panels, also known as breaker boxes or distribution boards, are critical components in our electrical systems. They distribute electricity throughout a building and house circuit breakers that ...

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Electrical System in Buildings

Small commercial or residential buildings have a very simple power distribution system. The utility will own the transformer, which will sit on a pad outside the building or will be attached to a ...

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Electrical Panel Locations

NEC 110.26 requires electrical equipment (including electrical panels) to be located to provide required working clearances about the equipment. Electrical equipment must have a ...

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The installation requirements for the distribution box

Learn how to install a distribution box safely and correctly. Covers wiring, placement, standards, and expert tips for a compliant setup. A distribution box is the heart of any electrical ...

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Electrical Panel Mounting Requirements (Dictated by the ...

A statute from the latest National Electrical Code declares that breakers, electrical boxes, and other related equipment that are important in ...

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Electrical Panel Location and Installation: Clearance, Bathrooms ...

Electrical panel boxes, aka breaker boxes, can be on a wall in an out-of-the-way area of your home. You can find electric panels inside cabinets, behind refrigerators, or inside clothes ...

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NEC Requirements for Panelboards and Load Centers

The main service panel must have a main disconnect or breaker that can disconnect all power to the building. The disconnect must be located either in the panel or adjacent to the panel.

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Where Is the Distribution Box Located and How to Find It

Learn where distribution boxes are typically located in homes and get step-by-step instructions for finding your electrical panel. Includes safety tips and troubleshooting advice.

Contact Us

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