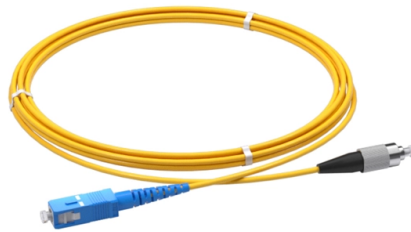


The door is opposite the electrical distribution box



Overview

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 Safe Clearances.

Key Takeaways

Having a door directly opposite an electrical distribution box is permissible if proper clearances and working space are maintained for safe access.

Clearance Requirements

Electrical panels require a dedicated working space to ensure safe operation, maintenance, and emergency access. The National Electrical Code (NEC) specifies that the front of the panel must have a minimum 36 inches of clear depth and a 30-inch width or the full width of the panel, whichever is greater. This space must allow the panel door to open at least 90 degrees without obstruction, ensuring full access to breakers and internal components .

Door Placement Considerations

If a door is directly opposite the panel, it must not impede the required working space. The door should either open in a way that does not block the 36-inch depth or remain closed during panel operation. The panel's front clearance is critical for technician safety, preventing awkward or dangerous positions while servicing the equipment .

Safety and Accessibility

- Panel doors (outer doors) provide everyday access to breakers while shielding live components .
- Dead fronts (inner covers) protect users from energized parts, exposing only breaker handles .
- Ensure the path between the panel and the opposite door is free of obstacles, tripping hazards, or wet surfaces, especially in areas like RV resorts or high-traffic zones .
- Panels should not be located in bathrooms, clothes closets, above stair steps, or fire-rated walls, but a door opposite the panel is generally acceptable if clearances are maintained .

Practical Tips

- Measure the distance from the panel to the door to confirm at least 36 inches of unobstructed space.
- Verify that the door swing does not reduce the panel's working space below code requirements.
- Consider marking the floor or wall to indicate the required clearance zone for safety and inspection purposes.
- In commercial or high-traffic areas, ensure the path remains clear at all times to comply with safety standards .

Maintaining these clearances ensures that the panel is accessible, safe, and code-compliant, even when a door is directly opposite it.

Article Content

How to Install a Cable Distribution Box Safely and Correctly?

Understanding Cable Distribution Boxes A cable distribution box is an electrical device used to collect, distribute, and

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

