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Price of installing a simple distribution box



Overview

This guide covers cost, price ranges, and practical budgeting for standard electrical box installation projects.

Key Takeaways

The cost of a basic distribution box installation typically ranges from $450 to $1,500 for residential setups, including both the box and labor.Cost Breakdown

Equipment Cost: A standard residential distribution box (panel) can cost between $150 and $1,000, depending on amperage, number of circuits, and material (plastic vs metal) or additional features like weatherproofing or smart monitoring . Basic single-phase boxes for typical homes are on the lower end, while three-phase or higher-capacity boxes for commercial use are more expensive . Labor Cost: Professional installation usually ranges from $300 to $500, influenced by the complexity of wiring, accessibility of the installation site, and local labor rates . Labor is often the most variable portion of the total cost, with urban areas or regions with higher electrician rates costing more. Total Installation Cost: Combining parts and labor, a basic residential installation generally falls between $450 and $1,500. For more complex setups, such as outdoor weatherproof boxes or higher amperage panels, costs can approach $1,900 .

Factors Affecting Price
• Amperage and Number of Circuits: Higher capacity panels require more materials and labor.

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• Material: Metal boxes are more durable but cost more than plastic.

• Location: Outdoor or weatherproof installations add to the cost.

• Labor Complexity: Difficult access, retrofitting, or code compliance can increase labor charges.

• Additional Features: Smart monitoring, remote control, or integration with building management systems can raise the price .
Summary

For a basic residential distribution box installation, expect to pay $450–$1,500, with the final cost depending on box specifications, labor complexity, and location. Commercial or industrial installations will generally be higher due to increased capacity and durability requirements .

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