

Whole House Fan Installation

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On many extremely hot, humid New Jersey days, your home air conditioning system may need supplementary help to cool the entire house. Alternatively, on less hot and less humid days, a good whole house fan system can cool the house sufficiently without the air conditioner running at all. Ceiling fans are little or no help and may make the situation worse by circulating the hottest air in the room, which is at the ceiling. Installing a whole house fan is the solution.

Call Now

If you're looking for an affordable way to keep your home cool, a whole-house fan might be the solution for you. Call DK Electrical Solutions for a whole-house fan installation today!

What is a Whole House Fan?

Floor fans, window fans, ceiling fans, and other types are placed in a room and are intended to cool one room or a small area of the space immediately in front of the fan. But, a whole house fan is designed to cool the entire house. This type of fan is located in the attic. It is designed to draw in fresh air from the outdoors, which then forces the warm air that has become heated and trapped inside the house through the home's windows and vents.

What are the Benefits of a Whole House Fan?

There are many great comfort and cost-saving benefits of whole house fans installation. If the outside air is warmer than the air inside your home, there are big advantages in having a whole house fan, vs. fans in individual rooms or just an air conditioning system.

With a whole house fan, you can simply open your windows and turn on the equipment without using your air conditioning system. This will generate negative air pressure, which forces out the existing hot air from the house through windows and air vents.

It's a great way to reduce air conditioning bills, enjoy a more comfortable home, and flush fresh air into and stagnant air out of your home constantly.

Mistakes to Avoid When Installing a Whole House Fan

Here are some of the most common mistakes South Jersey homeowners make when installing a whole home fan system with DIY plans:

Inaccurately Sizing the House Fan System

Calculate the total square footage of the building to determine the right size whole house fan. The unit should exchange air throughout the house at least once every four minutes or so.

Insufficient Area for Exhaust in the Attic

Find the amount of square footage in vents necessary in the attic for cooling to be effective. Without enough air vents, the cooling effect will be compromised.

Choosing a Bad Location for the Fan

Install your whole-house fan at the center of your attic. If there's no attic, install it in the center hall attic. From the middle of the house, it can pull fresh air from outside and force hot air out.

Not Moving Unnecessary Obstructions

When installed in the appropriate place, your whole house fan can circulate enough air to generate over 50 air changes per hour. That is an extraordinary ventilation capacity.

A whole house fan is most effective at cooler times of day and night, but it incomparably outperforms the best ceiling fans.

Electrical Repair Services Near Me – DK Electrical Solutions

Our master electricians help New Jersey homeowners with high-quality home electrical systems installations, repairs, and inspections. We are the best whole house fan installers. We offer helpful financing options, including zero down payment (with qualified credit).

Contact DK Electrical Solutions Inc at (609) 796-4177, or contact us here online about whole-house fan installation costs and to schedule an in-home consultation.
