

Who is the best HVAC company in Nepal?

Established in the year 2000, Airtech offers the best engineering solutions for a wide spectrum of customers in areas related to Heating, Ventilation & Air Conditioning (HVAC). It is the largest and the most preferred air conditioning company in Nepal.

What is the difference between split AC and window AC in Nepal?

In Nepal, Split AC is the only type of AC that many people think of when talking about ACs. Window AC is not that popular here in the country. However, it is useful to understand what these two ACs mean in case you ever find yourself in a situation where you must pick between the two. It's not hard to tell the differences between the two.

Can a DC air conditioner run on solar panels?

Every time you make that conversion, you lose some energy as heat (typically 5-15%). A standard AC unit forces you to do this. A DC air conditioner, however, is designed to run directly on the raw DC power produced by your solar panels and stored in your batteries.

Why do we need to standardize star ratings in Nepal?

The problem for people in Nepal is that--since we do not have any organization in Nepal to standardize the star ratings--those star ratings may not be accurate here. Therefore, we need to rely on EER (energy efficiency ratio) and COP (coefficient of performance). Both EER and COP are used to measure the efficiency of the AC.

Should you run your air conditioner on solar?

The answer is a resounding yes. But it is followed by a very important "but." Running your lights, your TV, or your laptop on solar is simple. Running an air conditioner is a different beast entirely. It's a power-hungry appliance with a secret weapon that can bring lesser solar systems to their knees.

How does solar power affect your air conditioner?

Your air conditioner draws from this solar power first, only pulling from the grid if it needs more. Any excess solar power you generate is exported to the grid, often for credit. The Bottom Line: You are directly using sun power to run your AC, which can dramatically lower your electricity bill, especially in the summer.

eco#176; HYBRID SOLAR air conditioner operates with an advanced configuration that eliminates the necessity for batteries or solar inverters - ...

It is the largest and the most preferred air conditioning company in Nepal. We provide a 360 degree solution because we focus on excellence and personalized service, to provide the ...

Jul 4, 2023 · Performance improvement of solar-assisted air-conditioning systems by using an innovative configuration of a desiccant dehumidifier and thermal recovery unit

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Apr 18, 2025 · Solar air conditioners reduce cooling bills and carbon footprint. Discover types, benefits, costs, and how to choose the right system.

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