

HEATING & COOLING



Panasonic
AIR CONDITIONING



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AIR CONDITIONING

When it comes to heating and cooling, you need the equipment that's guaranteed to keep you comfortable year-round. Air conditioners (also referred to as heat pumps) are an efficient and environmentally friendly heating and cooling solution. They work by transferring heat from one space to another using a small amount of energy.

KEY BENEFITS OF AIR CONDITIONERS:

Energy Efficiency

Air conditioners are highly energy-efficient, as they move heat rather than generate it. Compared to traditional heating and cooling systems, air conditioners can provide significant energy savings, helping you reduce your carbon footprint and save on utility bills.

Versatility

Air conditioners can be used for both heating and cooling purposes. They can extract heat from the air, ground, or water sources, making them suitable for various climates and environments.

Eco-Friendliness

Air conditioners utilise renewable energy sources, such as the heat in the air or ground, to operate. By relying on natural resources, they help reduce greenhouse gas emissions and contribute to a greener planet.



HEATING & COOLING SOLUTIONS

At Off-Grid Electrical, we offer a comprehensive range of heating and cooling systems that are tailored specifically to meet your needs. Our solutions are designed to keep you warm during winter and cool in summer, ensuring your utmost comfort throughout the year.



Floor Consoles

Our floor consoles are a powerful and quiet option for homes with limited wall cavity and ceiling space, such as Lockwood homes. These units sit on the floor against a wall, providing warmth and reducing drafts. With the ability to direct heat on a 45-degree angle, they are ideal for those with poor circulation. Additionally, their accessibility makes maintenance and cleaning hassle-free.



Highwalls

Highwall air conditioners are incredibly popular for their efficiency, affordability, and ease of installation. They can effectively heat and cool various areas ranging from small bedrooms to larger living spaces. Some highwalls even come with air purifying filters, ensuring a clean and fresh indoor environment. With a wide variety of colours and styles available, these units are suitable for both smaller and larger spaces.



Ducted Air Conditioning Systems

Our ducted systems offer a quiet and discreet cooling or heating solution for your entire home. By distributing warm air through outlets in each room, they provide an even temperature throughout. With the ability to heat your home in minutes, these systems allow you to conserve energy by keeping them off during long periods of absence. While best suited for new builds, our ducted systems can also be retrofitted into existing homes, though this may present some challenges.



Ceiling Cassettes

For a virtually invisible heating or cooling solution, look no further than ceiling cassettes. These units are recessed into the ceiling, giving you the flexibility to direct heat or air to any specific area of the room. Unlike high wall or floor consoles that emit heat outward from their location, ceiling cassettes provide a more versatile airflow. With their ability to be installed in a wide range of locations, they are an excellent choice for effectively heating or cooling larger areas.

BRANDS WE OFFER

At Off-Grid Electrical, we understand the importance of providing our customers with reliable and efficient products. That's why we offer a range of top-quality air conditioners from leading brands such as Daikin, Mitsubishi Electric, and Panasonic.

These are trusted brands with hundreds of great reviews, and we are proud to be Taupō's preferred supplier and installer of these air conditioners. Working with Off-Grid Electrical ensures that you receive the best-in-class products along with professional installation services as an authorised installer.



Daikin is a renowned brand known for its innovative and energy-efficient air conditioners. Their products are designed to deliver exceptional performance and comfort. Daikin offers a wide range of models suitable for residential and commercial applications, ensuring there's a solution to meet every customer's unique needs.



Mitsubishi Electric is another trusted name in the air conditioner industry. Their air conditioners are known for their advanced features, durability, and quiet operation. Mitsubishi Electric offers a diverse lineup of heat pumps, including air-to-air and ground-source models, ensuring efficient heating and cooling solutions for any space.



Panasonic is a well-established brand recognised for its cutting-edge technology and reliable products. Panasonic's air conditioners offer high energy efficiency ratings and customisable settings to provide optimal comfort. With their extensive range of models, Panasonic caters to different requirements, whether it's for residential, commercial, or industrial use.





FAQs

What is an air conditioner?

An air conditioner is a heating and cooling system that transfers heat from one location to another. It uses electricity to move heat from a colder area (such as the outdoors) to a warmer area (such as your home). Air conditioners can provide both heating and cooling, making them versatile and energy-efficient solutions for maintaining a comfortable indoor climate.

How does an air conditioner work?

Air conditioners work on the principle of heat transfer. They extract heat from the air, ground, or water sources using a refrigerant. The refrigerant absorbs heat from the source and then passes through a compressor, which increases its temperature. The hot refrigerant is then circulated through coils or pipes in your home, releasing heat to warm the indoor space. In cooling mode, the process is reversed, and heat is extracted from your home and released outside.

What are the benefits of installing an air conditioner?

Installing a air conditioner offers several advantages, including:

Energy efficiency: Air conditioners are highly energy-efficient, as they transfer heat rather than generate it. They can provide up to four times the amount of energy they consume, resulting in significant cost savings on your energy bills.

Year-round comfort: Air conditioners can provide both heating and cooling, ensuring comfort throughout the year, regardless of the season.

Environmental friendliness: Air conditioners utilise renewable energy sources and produce fewer greenhouse gas emissions compared to traditional heating and cooling systems, contributing to a greener environment – something we at Off-Grid Electrical are highly passionate about.

Durability and longevity: Air conditioners are built to last and often require minimal maintenance. They have a longer lifespan compared to conventional heating and cooling systems.

Zoning capabilities: Air conditioners can be installed with zoning capabilities, allowing you to control the temperature in different areas or rooms independently, enhancing comfort and energy efficiency. We can recommend the right system for your home depending on what you need.

Which air conditioning brands do you offer?

At Off-Grid Electrical, we offer air conditioners from industry-leading brands such as Daikin, Mitsubishi Electric, and Panasonic. These brands are known for their reliability, performance, and energy efficiency, and are some of the most highly rated on the New Zealand market. We carefully select our products to ensure our customers have access to the highest quality air conditioners on the market.

Can you provide specific information on Daikin/Mitsubishi Electric/Panasonic air conditioning models?

Here are some notable air conditioning models from each brand:

Daikin

Daikin offers a wide range of air conditioners, including the Daikin Altherma series for residential applications and the Daikin VRV series for commercial use. The Altherma series provides efficient heating and hot water solutions, while the VRV series offers advanced zoning capabilities and high energy efficiency.

Mitsubishi Electric

Mitsubishi Electric air conditioners are renowned for their reliability and innovative features. The Mitsubishi Electric Ecodan series is a popular choice, providing efficient heating and hot water solutions for residential applications. The series offers various capacities and configurations to suit different needs.

Panasonic

Panasonic air conditioners are known for their advanced technology and energy-saving capabilities. The Panasonic Aero series offers efficient heating and cooling for residential and commercial use. The series includes models with smart controls and high-efficiency ratings.



TESTIMONIALS

CHRIS HORAN

“ I got in touch with Off-Grid when I wanted a heat pump installed in my home. I'd met Josh when he did some electrical work at my workplace and a colleague recommended Off-Grid after they installed solar at her home.

I got their quote back quickly and they were a lot cheaper than the alternative, they also offered a better solution.

On the day of install their electrician showed up and I pointed at the wall where I wanted to put the heat pump. I came home from work, and it was exactly as he said it was going to be.

With other companies the dates move around whereas when Off-Grid did the job it just happened as they said. I was able to go to work and leave them to it, I didn't have to sit there and babysit them, and they didn't ring up a hundred times. It's really frustrating when you have to supervise tradies.

The heat pump works great, and the bill was exactly what they said it was going to be. ”

ROBIN WILSON

“ While renovating our new home in Taupō we had an old heat pump replaced with a new Daikin one. My husband is an electrician and he had worked with one of the Off-Grid team previously, so he recommended them.

They were excellent communicators and reliable in terms of timeframes and costings. They worked efficiently, and everything went well. Their workers are friendly and very pleasant and easy to deal with.

I would 100 per cent recommend them to others and wouldn't use anyone else – apart from my husband of course. When an older electrician recommends a younger one, which is what my husband did, I think that's high praise indeed.

It's endemic with tradies they're so unreliable and their communication is usually poor - that's something we've come across forever. However Off-Grid's communication and reliability were fantastic, and their workmanship was good too. ”

DYLAN CRIGHTON

“ I needed a heat pump air-con unit installed at my home and Off-Grid were easy to get in touch with and talk to.

Josh came round to look at the job and within the week the guys were onsite installing it. My heat pump was in a tricky location for both the outdoor and indoor unit, but they did it without any complaining. One poor guy had to live under the deck for the day and he had no issues, they're just a bunch of friendly guys.

The final finish was great. They did it exactly, if not better, than I asked even though they knew it was going to be tricky. With the size of the unit we needed for the room, they only had about 2.5mm either side between a beam and a window frame, and the outdoor unit had to go under a deck between the supports of the deck and the descending staircase.

They could have put the outdoor unit elsewhere, but it would have been sitting in the middle of our garden. I said under the deck was more ideal, and they just did it, they said 'We'll put it where you want it'. It was all done in the day with good effort. As far as I'm concerned it was a top job and top service. ”



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