



RESIDENTIAL & COMMERCIAL SOLUTIONS

AIR CONDITIONING 2018



BROCHURE

Core Product Line and Services.

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WHO ARE WE?

Green Efficient Living is a young, vibrant company looking to improve the way that domestic and commercial air conditioning, solar and electrical services are carried out.

Our knowledgeable and experienced team are driven by the desire to provide our customers with products and services that significantly reduce their energy bills and impact on the environment.

Our core focus is to supply you with honest and accurate information and to provide a service in which you are truly happy with the end result.

We are a family operated business who work hard for each other and pride ourselves on our word-of-mouth references.

“We will not sell you an inferior product just to get your business. The products that we offer to you are those that we have installed in our own homes and business. This is our guarantee to providing quality goods, service and workmanship.”

THE TEAM

MITCH TOEROEK

**DIRECTOR
AIR CONDITIONING MANAGER**

Mitch is a qualified refrigeration mechanic who is passionate about designing and installing systems for both residential and commercial dwellings.

He is continuously seeking new products and systems that ensure value for money, whilst also maintaining aesthetics and sustainability for the future.

He has a keen interest in the engineering of all things air conditioning, electrical and solar.

KODY TOEROEK

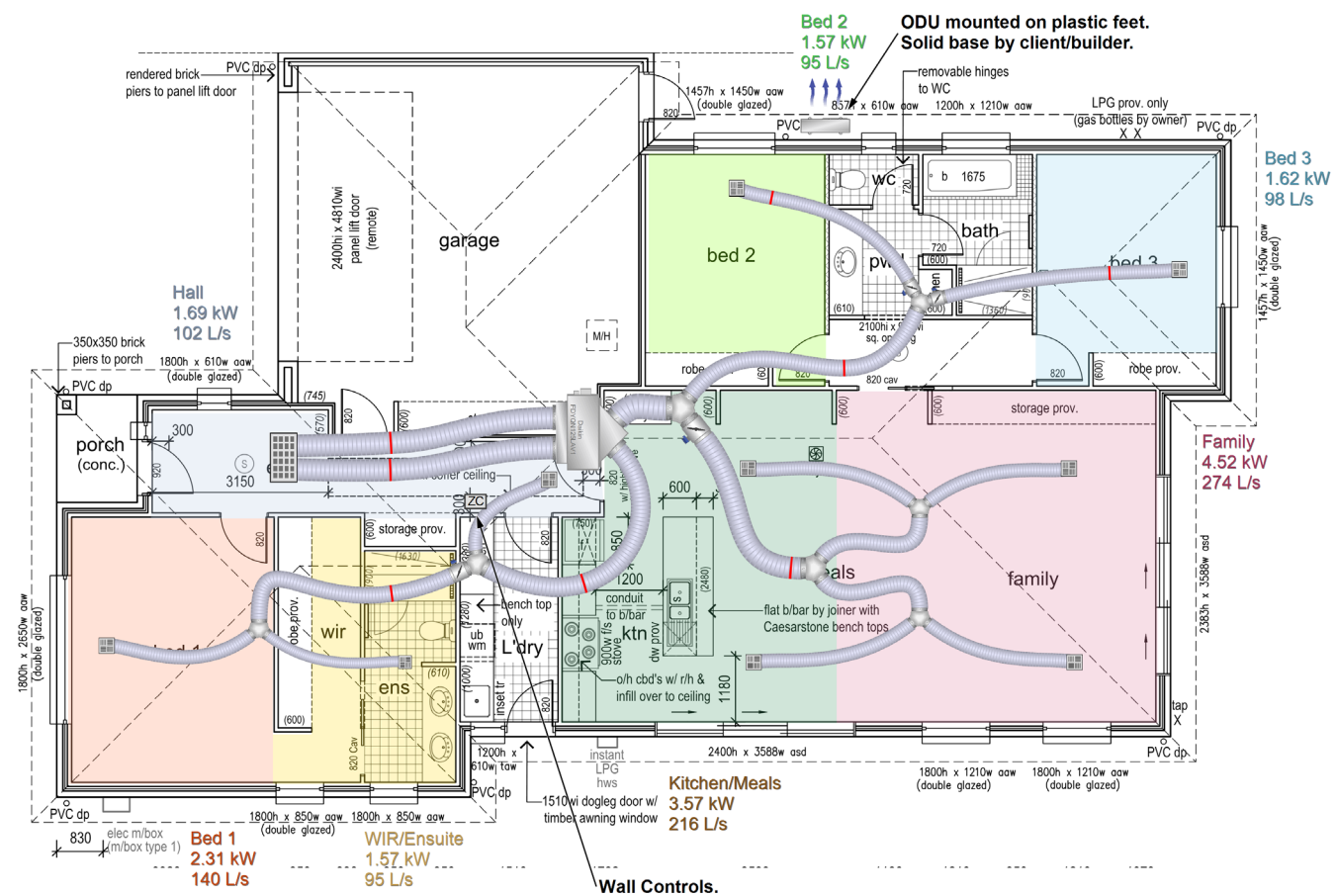
**DIRECTOR
SOLAR/ELECTRICAL MANAGER**

Kody is a qualified electrician and Clean Energy Regulator solar inspector.

He has an open registration data licence and has completed a solar grid and off-grid connection design and installation course.

He is passionate about energy management and is always looking to improve the way homes and businesses utilise their electricity to ensure that it is as energy efficient as possible.





SEE WHAT YOU'RE GETTING

We use the latest in computer design technology software to ensure that your system is designed to the highest possible standards. This technology allows us to show you an almost exact replica of the finished product, taking the guess work out of the end result. We use your housing plan, getting exact measurements of your rooms and layout, to ensure that the size and placement of the system will fit

WHY CHOOSE US?

IN HOUSE INSTALLERS

We believe that consistency is key. We have built an experienced and knowledgeable team that is qualified for every job to ensure that all work is carried out to the highest standard set by Green Efficient Living. We will be with you from the start of the process until the end and you can trust us to deliver exactly what you want.

FACTORY TRAINED

All of our tradesmen are not only qualified but have also been educated on the manufacturers that we use. This ensures that they have a complete understanding of the systems and products in order to provide you with the very best service.

JOB AUDITS

It is compulsory that all of our tradespeople complete personal job audits at every stage of the process. We have created these audits as an indepth safety checklist to ensure that the job is carried out as it should be and that your product is safe, reliable and operating at the highest quality.

EASE

We are not a sales company that uses contractors to carry out our work - we provide you with a complete package from start to completion to ensure that nothing gets lost in translation. If you have any queries or questions after your installation is complete, don't hesitate to contact us. Just because the job is finished, doesn't mean that our service is.

PHOTO LOGS

We make sure that our tradespeople document every stage of the process with photographs, for both our peace of mind and yours. By doing this, we can ensure that every part of the installation was completed to the highest standards and followed all safety regulations.

OUR COMMITMENT TO YOU

We understand that your home or business is important to you, so we listen carefully to your needs and desires for comfort, functionality and style.

We then use the latest in computer design software to ensure that your system is designed not only to your exact desires, but to the highest possible standards.

OUR GUARANTEES:

- Highest level of service and care.
- Highly trained technicians and tradespeople.
- Only the highest quality components used.
- Five year workmanship warranty.
- Fifteen year parts warranty on Siemens zone motors.
- Twenty year parts and labour warranty on applicable Ductair componentry.
- Full manufacturers warranties on all units.

OUR COMPONENTS:

reece

Demand
Ductair

ELECTRICAL
MERCHANDISING

Image by Daikin



WHAT WE OFFER

Our ongoing professional development gives us a thorough understanding of continuously changing environments and system designs and allows us to be a step ahead of the game.

With our vibrancy as a team comes a high level of professionalism and care in every service that we carry out.

Whether you need an entirely new system designed for you, or you simply need your ducts replaced, you can guarantee that our team will go above and beyond to make sure that you're pleased with the end result.

WHAT WE DO:

- Multi-head split systems.
- Ceiling cassette and under ceiling systems.
 - Floor console split systems.
 - Multi-head VRF systems.
 - Stand alone split systems.
- Ducted reverse cycle systems.
 - Bulkhead systems.
- System upgrades/redesigns.
- Evaporative air-conditioning systems.
 - Duct replacement.
- Service and maintenance.
- New and existing dwellings.

WHAT TO CHOOSE

Whether you're building your new home, updating your current system or looking at installing a unit for your business, it can sometimes become overwhelming.

There are a lot of different types of systems out there, all beneficial in different environments. Let us help you find one that's suitable for you.

REVERSE CYCLE

PAGE 14

EVAPORATIVE

PAGE 16

STANDARD INSTALLATION INCLUSIONS

PAGE 19

OPTIONAL EXTRAS AND ADDITIONS

PAGE 21



Image by Hitachi.

“We understand the importance of value for money and therefore give you the choice of some of Australia’s best brands and manufacturers while still providing very competitive prices.”



Image by Hitachi.

REVERSE CYCLE

Reverse cycle air-conditioning consists of an indoor unit installed within the roof space or wall, and an outdoor unit placed somewhere on the outside of the home or office.

They are considered to be the most popular systems for the home and with the addition of solar panels, the running costs can almost be entirely offset.

DUCTED REVERSE CYCLE SYSTEMS

- Still the most efficient form of air-conditioning to date.
- Visually appealing with the installation being concealed in the ceiling.
- Heats or cools your home or office at the touch of a button.

SPLIT SYSTEMS

- Highly efficient.
- Wide range of choices from high wall splits, ceiling cassettes, floor consoles and under-ceiling consoles to suit your needs and desires.
- Low noise as the condenser is located outside of the home.
 - Can be designed as multi-split systems.

VRF/VRV MULTI-SPLIT SYSTEMS

- Single outdoor unit is connected to multiple indoor units, reducing necessary outdoor space and making installation simple.
 - Individual room controls to suit different needs.
- Large amount of design flexibility with the ability to have multiple styles of indoor units.



Commercial air conditioners installed by Green Efficient Living

EVAPORATIVE

Evaporative air conditioning consists of a natural process that draws air from outside of the home and then passes it through and over water-saturated pads. The evaporation process then provides a cooling effect.

But why should you choose evaporative heating and cooling over reverse cycle?

There are many reasons why evaporative may be more beneficial to your environment.

BENEFITS:

- Added freedom to leave doors and windows open while operating allowing for fresh air in the home.
- The moisture added to the air via pads won't dry out your skin, nose or eyes.
- The efficient air filtration means a significant reduction in the current problems that allergy sufferers face from dust and allergens.
- Its high energy efficiency distributes less CO2 emissions.
- Low noise during operation means that you can carry on with your sleep uninterrupted.
- Ideal for large areas.

STANDARD INSTALLATION INCLUSIONS

If you're not all about the bells and whistles that can come with air conditioners these days, then don't fret.

We understand that sometimes *simple is best*. So we make sure that our standard products in our basic range still give you the best output and quality from your air conditioner, but at a fraction of the price.



Image courtesy of Daikin
Product: Floor Standing Unit

STANDARD INCLUSIONS

Each one of our standard products that we use in our installations have been carefully selected to give the greatest production possible for a minimal cost.



DNA FILTER SYSTEM - DUCTAIR

This easy-to-maintain filter process not only filters particles that will otherwise cause damage to the unit, but also filters dust mites/allergens in the air to help protect your family.

- Asthma Foundation Approved.

STANDARD RETURN AIR GRILLE

This standard egg crate grille is made of aluminium construction and comes in a standard white, powder coated finish for a sleek design that fits seamlessly into any home.

DUCTAIR EZY VENT

The standard Ductair vents are made from ABS plastic to guarantee resistance against impact, wear and tear. The adjustable blades allow control over air flow direction and quiet operation makes them the perfect fit in any home.

POLYAIRE ZONE CONTROL

This easy-to-use control is ideally suited for ducted reverse cycle and ducted gas heating systems. The LED lights behind the buttons show the ON/OFF status of the zones.

POLYAIRE ZONE MOTORS

Polyaire's zone motor has a folded 'Hi-Torque' metal blade for long life and durability and has been tested to take large loads/velocities. Its casing is made from industrial plastic for durability and strength.

DUCTAIR R1.0 DUCTING

The Ductair R1.0 thermal rated ducting is standard flex ducting and is available as an alternative duct for reverse cycle air conditioners. It has a metalised inner core, with lightweight polyester insulation making it perfect for any home.



Image by Green Efficient Living.

Product: Daikin BRC 1E62 wall controller (right).

OPTIONAL EXTRAS AND ADDITIONS

Although all of our standard products have been selected to give you the best quality at the lowest price, we have a range of optional extras and additions to allow you to design a system that you will want in your home or business with a touch of luxury.

DO IT YOUR WAY

The premium range of products have been designed to not only achieve the best overall production from your unit, but also for you to choose a design that suits your style and needs.

DUCTING UPGRADES

Both the R1.2 Performance Flex Ducting and R1.5 Energy Smart Ducting have been carefully designed using a strong, tearless reinforced aluminium foil outer liner and are five times thicker than regular ducting to significantly reduce running costs.

20 year parts and labour warranty

RETURN AIR OPTIONS

The Half Chevron Return Air Grille is typically wall mounted with the option of a ceiling installation in certain circumstances. It is manufactured from aluminium and powder coated in a standard colour of white for a long lasting finish. Available in various sizes and finishes, this product also comes with the option of a DNA filter system.

MOTOR UPGRADES

The Premium Siemens 24V and 240V zone motors with a metal barrel construction promises a safe, sure and reliable unit with a 'no blow off and no leaks' guarantee.

15 year parts warranty

OUTLET OPTIONS

The Ductair Premium Vent is a top of the range all aluminium vent, with high airflow and quiet operation. Its powder coated finish gives it a sleek modern design, fade resistant and makes it easy to clean. Available in a number of custom colours.

20 year parts and labour warranty

The Holyoake JD Conical Cone Jet Diffusers have been designed to provide an attractive option for cooling large areas and are perfect for situations where large air supplies and throw distances are required. Made from spun aluminium, the diffusers can operate in either a diffused or jet air pattern by rotating the cone. Suitable for wall or ceiling applications.

The Holyoake range of Flangless Bar Grilles, Linear Slot Diffusers and Flanged Bar Grilles are manufactured from aluminium and powder coated in the standard white colour for an unobtrusive, sleek look and long lasting finish. The Slot Diffusers are available with 2, 3, 4 and 5 slot options so there's no need to worry about your space or design.

ZONING UPGRADES

The Polyaire AirTouch 3 is an integrated, all in one control for your air conditioning unit. Not only does it allow everybody in the home to enjoy their individual temperature, but it also uses multiple sensors to monitor the temperatures throughout your home. For example, when the sun rises and warms up only the rooms on one side of your home, the AirTouch 3 will adjust each rooms airflow to maintain a consistent temperature, helping your air conditioner to run more efficiently. It also allows you to control up to 16 zones in your home from the touch screen wall panel, or App on your smartphone or tablet.

The Siemens Home Touch Controller has variable air volume adjustments to each zoned room, an easy-to-view touch screen and is compatible with all zone motors. It allows you to control up to 16 zones in your home, with the ability to set your favourite settings for ‘one touch’ selection. It has an automatic spill function to protect against over-pressurisation, so your unit can run as efficiently as possible.

ZONING UPGRADES - DAIKIN SPECIFIC

The Daikin SkyFi Smartphone Controller lets you control your air conditioner, via a tablet or smartphone, from anywhere that you have an internet connection. It is compatible with only Daikin duted air conditioning systems and contains everything from zone controlling, fan speed control, an ON/OFF timer and a filter clean reminder.

The Daikin Wired Zone Controller (previous page) was developed specifically with an Australian climate in mind, so it has never been easier to set the perfect temperature within your home. The backlit display makes it easy for you to use at all times of the day or night, and the user friendly screen makes it esimple for anybody to use.



Polyaire ZoneTouch



Polyaire AirTouch 3

Image by Hitachi.



MAINTENANCE

Air conditioners can only run to their maximum efficiency when they are taken care of correctly. Luckily, they don't require much maintenance.

They should however, be treated to a service annually, as well as a few other small requirements.

Here is how to best care for the system in your home to extend its lifespan and ensure that it runs as efficiently as possible.



Image by Daikin.

FILTERS

It is extremely important to routinely replace or clean your air conditioner's filters to ensure that they remain unclogged. As the filters remove bacteria, dust and debris from the air, dirty filters can block the airflow and reduce your system's efficiency.

The build up of these particles can happen quite quickly, especially if you have pets, or live in rural or industrial areas.

If your filters are the disposable type, simply take the old ones out and replace them. But if your filters are washable, remove them and run a hose over them. Make sure to let them dry before re-inserting.

OUTDOOR UNIT

The outdoor unit needs to be maintained also, as cobwebs, dirt and leaves can find their way into the unit and restrict the system. Ensure that all plants and grass are kept a suitable distance away from the system and that the unit is kept uncovered when operating.

WINTER - EVAPORATIVE COOLER SPECIFIC

Make sure to cover the outdoor unit during winter to protect it from dirt build up and other debris while you are not using it. This will make it easier to clean when the weather warms up.

LET THE PROFESSIONALS TAKE CARE OF THE JOB

Here at Green Efficient Living we are happy to take the job off of your hands and ensure that your unit is serviced and ready to go all year around.

We will ensure that everything is running as it should be; that the refrigerant levels are correct and that there are no leakages or general wear and tear.

- Always make sure that you have switched the power off before beginning any maintenance work on your air conditioner. Alternatively, if you are concerned about your safety when cleaning your system, let one of our friendly technicians do it for you!

OUR WORK

Whether it's residential or commercial, we take the same amount of care and pride in every service that we provide and every system that we install.

We have worked tirelessly to create a company that many individuals and businesses in South Australia trust and we are proud to have their continued support.

Our passion for what we do means that we are able to provide our customers with the very best products and the highest quality of service, so that *at the end of the day, we can sleep easy because our customers do.*



Image courtesy of Jarrod Knoblauch



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