Renewable Energy Air Conditioning

Create a net Zero Carbon Footprint
at net Zero Cost

Dual Cycle Air

Renewable Energy Air Conditioning
Refrigerated Air Conditioning
Solar Power for Zero Cost
Healthier Home

Free Install with Monthly Savings higher than Repayments

Zero Cost Air Conditioning to Every Room Every Day

Save up to $57,590 over your Warranty Period

Whole of Home Comfort for your Family

Healthier Home Environment

Upgrade your 3 Star Home to a Healthier 10 Star Performer at net Zero Cost

Enjoy Whole of Home Comfort to Every Room - Every Day at ZERO COST

Dual Cycle Air combines the Very Low Cost and **Healthier Living** of Whole of Home Renewable Energy Air Conditioning with the Back-up use of Refrigerated Air Conditioning on Hot Humid Afternoons and Cold Late Evenings when the Renewable Energy system Fades.

A Small Capacity Solar Power system Offsets the low Cooling and Heating Cost of around $300 to net Zero.

Your **Dual Cycle Air** system Pays for Itself with No Deposit Finance at 8% over 10 years at around $238 per Month covered by Average Savings of $436 per Month over your 11 year Warranty

Air Condition Every Room in your home including your Laundry and Bathrooms at net Zero Cost with **Dual Cycle Air**

The Only Other way to Reduce your Power Bills is to install a Solar + Battery system

12.5 Kw Refrigerated Ducted System to 9 Outlets / 5 Zones		$19,000
10 Kw Solar Power *plus* 20 Kwh Battery		$19,000
Allowance for Replacement of Battery after 11 Years		$24,000
Interest at 7% for Life of Battery - 11 Years		$12,540
Saving in Power over 11 Years - Effy 75% / Daytime Use 27%		$52,860
Reduction in Air Conditioning Costs Only 45%	Net Loss	$21,680

Dual Cycle Air to 9 Outlets		$19,880
Interest at 7% for Life of Battery - 11 Years		$7,520
Saving in Power over 11 Years - Effy 85% / Daytime Use 28%		$57,590
Reduction in Air Conditioning Costs 100%	Net Saving	$30,190

Typical **Dual Cycle Air** installations

Use Whole of Home Renewable Energy Air Conditioning to Every Room Every Day of the year at a Cost of around $120

Use Refrigerated Air Conditioning on those 8 to 12 Hot Humid Afternoons and Late Cold Evenings when your Renewable Energy Air Conditioning provides Insufficient Comfort Conditions. The estimated Cost of the Refrigerated Boost is around $180

The Cost to Cool and Heat your Whole Home using Refrigerated Air Conditioning will cost around $3,125 (3 Star)

Maximise your Comfort by Choosing the Air Conditioning system that suites your Families Activity

Multiple Space activities dominate Modern Homes with Electronic Devices in Most Rooms

Traditional Homes were designed to accommodate the Family into the Living Space during the Summer Days and Winter Days when the Reverse Cycle Air Conditioning system would be Zoned to limit the Costs to around $3,125. During the **Evenings** the **Bedrooms** would be Zoned On to Cool or Heat the Bedrooms just prior to retiring to bed.

Modern Homes require Multiple Rooms to be used throughout the day and night to accommodate the family members with there Electronic Devices. A Refrigerated Air Conditioning system to be used as a Whole of Home system would Increase the Power Bills to around $5,000. A **Dual Cycle Air** Whole of Home Install would reduce these Costs to net Zero

Create an Indoor to Outdoor Environment for the Family without the Loss of Air Conditioning in Summer

Dual Cycle Air allows you to Open your Doors and Windows during the Day and Evening without the Loss of Air Conditioning in your home

During Hot Days and Warm Evenings a Reverse Cycle Air Conditioning system will **Only Work** with All **Doors** and **Windows Closed** and **Curtains / Blinds Drawn Closed**. Outdoor activities are Curtailed with the lack of access, especially where you have a **Swimming Pool.**

Dual Cycle Air provides a Healthier Home Environment for your Whole Family

Renewable Energy Air Conditioning provides a Healthier Home Environment to Every Room in your home for your Family

100% Fresh Filtered Air

Renewable Energy Air Conditioning provides 100% Fresh Filtered Air to Every Room in your Home.

Fresh Pollen Free Air

Renewable Energy Cooling is Great for Asthma Sufferers as the Incoming Fresh Air Filters out any Pollen and Dust in the Air they Breath to alleviate their Symptoms.

Remove Dangerous Toxins and Allergens

Your Furniture, Floor Coverings and Window Treatments contain dangerous Toxins and Allergens that become Airbourne and effects your families health. Renewable Energy Air Conditioning expels these Airbourne contaminants from your home.

Removes Unhealthy Moisture from your Home

Renewable Energy Heating is the only heating system that R**emoves the Moisture** to provide Warmer, Drier and Healthier Conditioned Air for your whole family

Recover from **Winter Ailments Faster** with a **Healthier Home** using Renewable Energy Heating.

Create a Healthier Home Environment for your Family

Your Refrigerated Air Conditioning Limitations are Overcome by installing Low Power Use Renewable Energy Air Conditioning

Refrigerated Air Conditioning is considered the Benchmark in Home Air Conditioning. However, the Cost of Cooling and Heating the Whole Home is prohibitive at around $5,000. To overcome this expense, your home is Zoned Off. Your Family is confined to the Living Space while the system is operating. The **Addition** of Renewable Energy Air Conditioning allows your Family to Live in **Every Room Every Day** at Zero Cost.

Recirculated Air is Unhealthy Air

Unlike Renewable Energy Cooling, Refrigerated Cooling relies on Recirculated Air to reduce the Temperature and Humidity. Unfortunately the system does not allow for Fresh Oxygenated Air or Remove Dangerous Toxins and Allergens.

Home must be Closed-up for Refrigerated Cooling - Including Internal Doors and Window Treatments

Renewable Energy Cooling is designed for Open Doors and Windows throughout your homer, both Internal and External

No Moisture Removal in Winter creates Uncomfortable Heating and Unhealthy Conditions

Refrigerated Heating cannot prevent the **Build-up of Moisture** in your home from activities such as Showering, Cooking and Breathing. The Build-up over time creates an **Unhealthy Environment** for your Family. **Dual Cycle Air** with **Renewable Energy Heating Removes Moisture** and provides a Warmer, Drier and Healthier Environment.
Family members will **Overcome Winter Ailments** much Sooner than Normal in the Healthier Environment.

" Expensive Air Conditioning"

No Worries with **Dual Cycle Air** at Zero Cost

Save up to $57,590 over your Warranty Period with Zero Cost Air Conditioning to Every Room

Dual Cycle Air

Create a Healthier Home Environment for your Family by Combining the Features and Benefits of both Renewable Energy Air Conditioning and Refrigerated Air Conditioning to Maximise your Comfort at Zero Cost to Install and Operate 365 Days of the year with a Solar Power Offset

	Whole Home	Zoned System	Whole of Home Combination		
	Renewable Energy Air Conditioning Annual Costings	Refrigerated Air conditioning Annual Costings	Dual Cycle Air		
Typical 3 Star Home Total Power Bill - $5,175			Application of Typical Use	Typical Use as Percentage	Combined Power Cost
RenewAir Cooling	$90		All Day and Night	97%	$87
Refrigerated Cooling		$1,875	Humid Afternoons (12 Off)	3%	$55
RenewAir Heating	$35		Stored Heat During Day	90%	$33
Refrigerated Heating		$1,250	Late Cold Evenings	10%	$125
Annual Total	$125	$3,125			$300
Offset with 4 Kw Solar Power - Daytime 28% / Effy 85% Saving ($660+$70)					$730
Net Credit on Cooling & Heating Costs					$430
Overall Saving using Dual Cycle Air in Lieu of Refrigerated / $3,125 - $300 + $730					$3,555

Renewable Energy Air Conditioning

Traditional Casing

New Surface Mounted Casing.

Cools and Heats Every Room Every Day
At Around $125 per Year

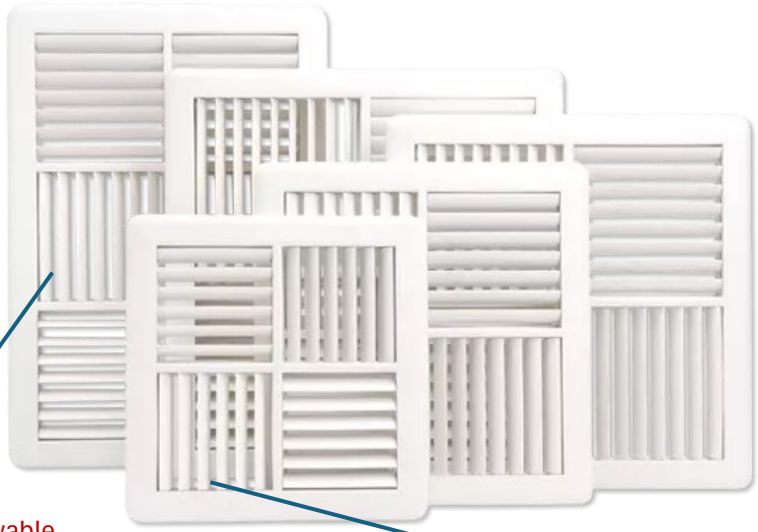
Dual Cycle Air provides flexibility in your Choice of System to suit your Individual Comfort Settings

The **Savings Estimates** used in this Brochure are based on the **Minimal Use** of **Refrigerated Cooling** and **Heating** to achieve the **Lowest Cost** of around **$300 per year** while **Maintaining Comfort Conditions**. The calculations are based on **Refrigerated Cooling - 3%** Use and **Refrigerated Heating- 10%** Use. Other Combinations of Use are listed below where some customers may wish to use more Refrigerated Air Conditioning Use.

Comparing Savings for a 3 Star Home													
Refrigeration				Renewable Energy				Total Power Use	Mixed Dual Cycle 11 Years 4 Kw Solar	100% Refrigeration 11 Years 10 Kw Solar 20 Kwh Battery	Total **Dual Cycle** inc Install over Refrigerated* inc Install
Cooling		Heating		Cooling		Heating					
Use	Cost	Use	Cost	Use	Cost	Use	Cost				
$1,875		$1,250		$90		$35					
3%	$56	10%	$125	97%	$87	90%	$32	$300	$57,590	$52,860	$51,870
6%	$112	20%	$250	94%	$86	80%	$32	$480	$54,675	$52,860	$48,955
10%	$188	30%	$375	90%	$83	70%	$24	$670	$51,575	$52,860	$45,875
Free Whole of Home Cooling / Heating Combinations											

* Includes Refrigerated Ducted / Solar / Battery and Replacement Battery

Dual Cycle Air Ceiling Outlets



6 Core Grille
Combination Renewable Energy Cooling / Heating and Refrigerated Cooling Heating Ceiling Outlet

4 Core Grille
Renewable Energy Cooling & Heating Ceiling Outlet

Dual Cycle Air

Renewable Energy Air Conditioning
Refrigerated Air Conditioning
Solar Power for Zero Cost
Healthier Home

Your **Dual Cycle Air** System consists of **Two Independent Air Conditioning systems** plus a **Solar Power system** that, when combined, offer a **Zero Cost Install** with Savings and net **Zero Cost Air Conditioning Comfort** throughout your **Whole Home Every Day**

Renewable Energy Air Conditioning

The RenewAir Cool Heat system is manufactured right here in Perth to Suit our Mediterranean Climate and the type of Construction of our homes with Double Brick and a Concrete Slab.

Warranty	Parts and Labour - 6 Years from Install
Warranty Extension	11 Years with Annual Servicing from date of Install

Specification Sheets are available on request

Refrigerated Air Conditioning

Your Retailer will Offer you a Popular Brand Refrigerated Air Conditioning system to your approval Warranty and Specification Sheets are available on request

Solar Power System

Your Retailer will Offer you a Solar Power Array and Inverter system to your approval Warranty and Specification Sheets are available on request
Please Note: The Solar Power system will be supplied by a Local Distributor to ensure that your **Warranty is Protected.**

Disclaimer

The Saving Estimates listed in this Information Brochure are to be used as a Guide Only. Every Customer's home is different with variations in Roof Aspect, Slope and Limited Area on which the Solar Panels are to be located. Some homes may have Shading and May Not have a North Facing Aspect.

Should you wish to obtain more accurate savings on your particular home, we recommended that you obtain a Survey of your home and a Technical Report from a Qualified Technician.

Authorised Retailer

Help Save the Planet with Zero Cost Air Conditioning

RenewAir Manufacturing

Perth - Western Australia

Website - dualcycleair.com.au