

THE **ENVIRONMENTALLY-FRIENDLY** ALTERNATIVE
TO AIR CONDITIONING



Evaporative
cooling

Go green.

Go with evaporative cooling.

Breezee™

Global leaders in natural climate control solutions.™

Evaporative cooling ... and conservation.

Breezair Icon Series evaporative coolers use up to 40% less energy than other evaporative systems – and 90% less energy than a standard air conditioner. In fact, its unique, revolutionary technology can cool an entire home for less energy than it takes to use a light bulb. That's as little as three cents per hour!

According to one Federal study, residential and commercial buildings account for nearly 34% of the total energy consumption and related greenhouse gas emissions in the United States.

– *Washington Newsline, July 2006*

Heating and cooling amounts to more than 50% of energy use in the average home.

– *Energy Star*

Individuals can make an immediate difference by trying to reduce their personal greenhouse gas emissions.

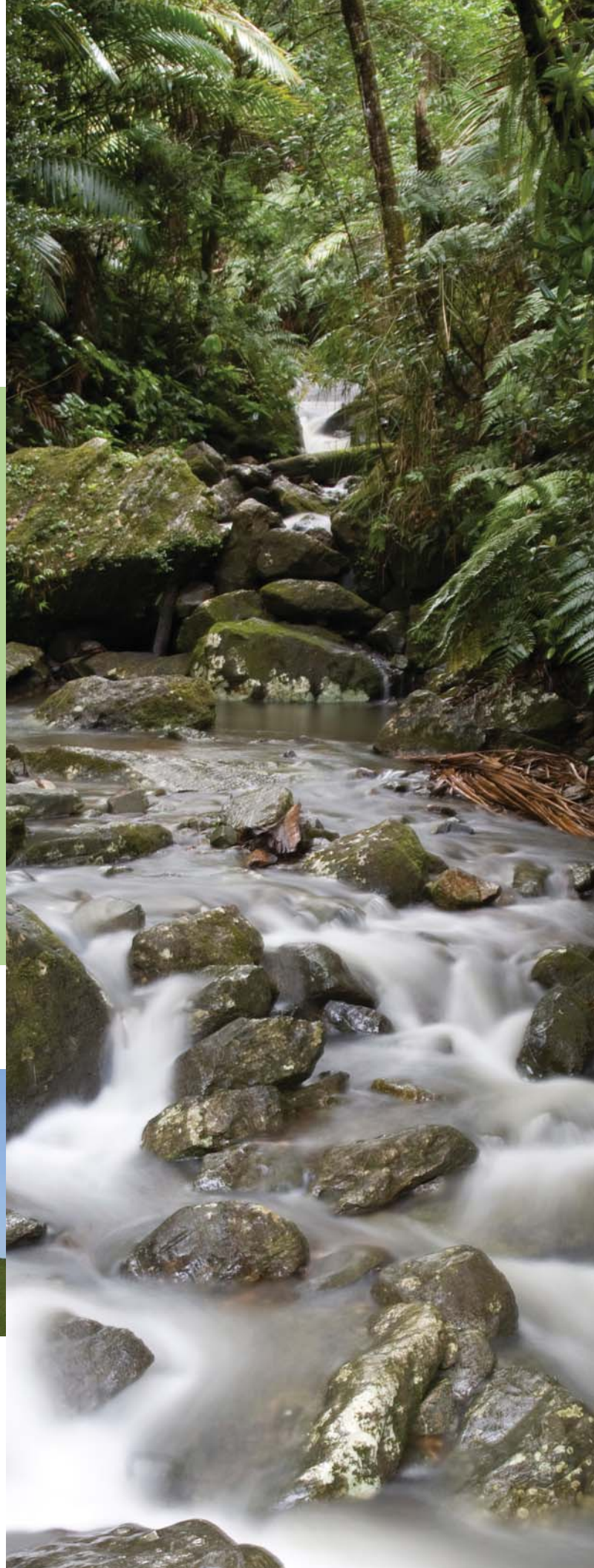
– *www.aninconveineintruth.com.au 2006*

Coal is used to generate roughly **50%** of all electricity produced in the United States.

– *Energy Information Administration*

U.S. Emissions of Greenhouse Gases, 2005 (latest available info): 7,147.2 million metric tons

– *U.S. Energy Information Administration*



Evaporative cooling ... and the environment.

The environmental benefits of evaporative cooling over air conditioning are:

- Evaporative coolers use only a fraction of the electricity consumed by air conditioning. That results in decreased use of fossil fuels like coal and natural gas.
- Evaporative cooling uses water to cool. This helps reduce the production of greenhouse gases, including harmful hydroflourocarbons.

What's more, Breezair coolers save water, as well. The technologically advanced water management system continuously checks the quality of the water in your cooler. The water is automatically replaced when mineral deposits exceed an acceptable level. The result: minimum water use for maximum cooling. The old water can then be used safely on plants and grass, so nothing goes to waste.

Petroleum is the nation's **primary** energy source. Coal follows a close second.

– *Energy Information Administration*

Efforts to conserve water – from low-flush toilets to more efficient power plants and crop irrigation – are working so well that Americans use less of it than they did 30 years ago.

– *USA Today, 3/11/2004*



Evaporative cooling ... and your health.

Evaporative cooling is not only better for your budget – it's better for **you!** Here's why: Air conditioners simply re-circulate the same air you've been breathing and living in for days. However, Breezair coolers continually cool and circulate fresh, outside air.

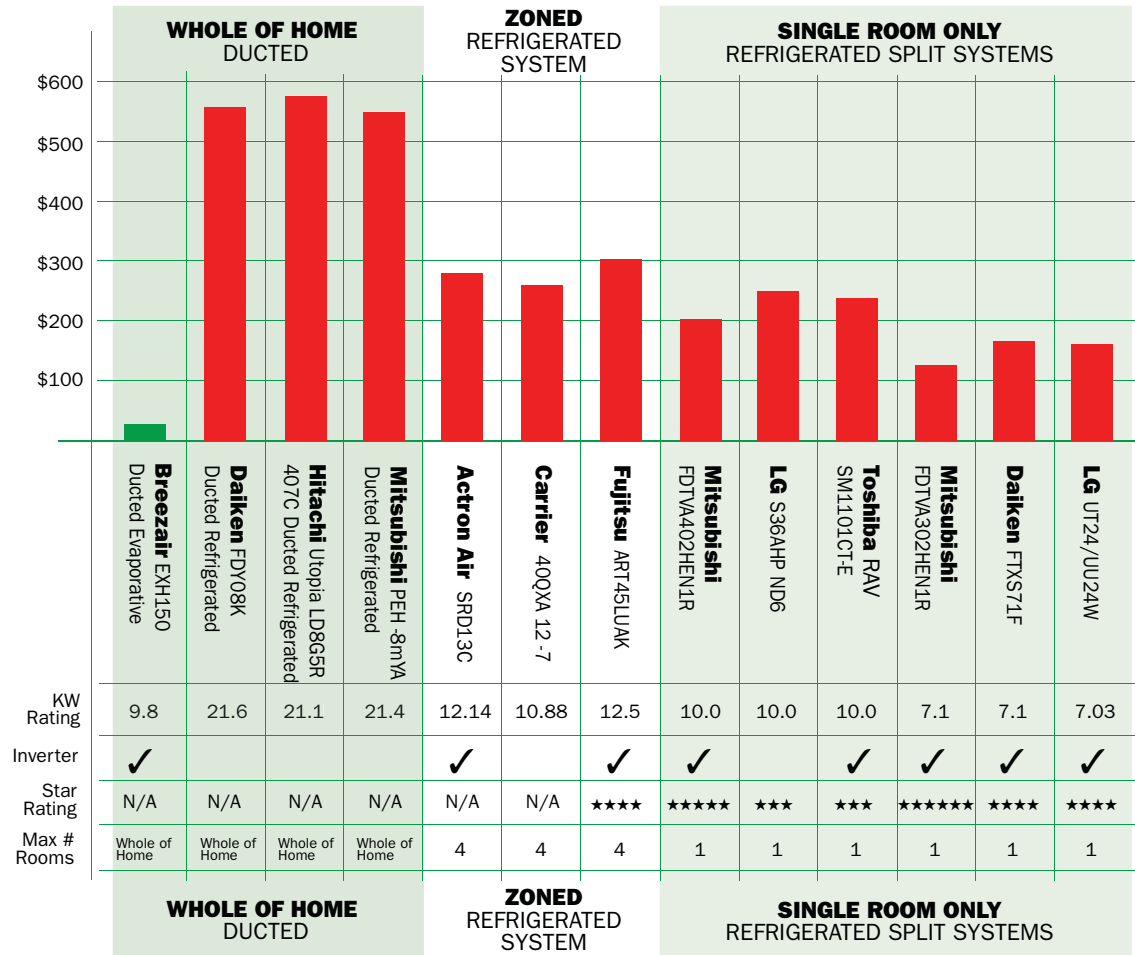
What's more, because evaporative cooling naturally moisturizes the air, your skin, eyes and nose don't suffer the dryness caused by air conditioning. Plus, Breezair filters the air as it's cooled, thereby removing dust, mold, smoke, spores, pet dander, smog particles and bacteria.

In other words, life with a Breezair evaporative cooler truly is a breath of fresh air!



Evaporative cooling ... and your budget.

This chart demonstrates the huge difference in energy consumption by using a Breezair Evaporative Cooler instead of refrigerated air conditioning.



Annual Electricity Costs

The chart above illustrates the projected annual electricity running costs for some of Australia's leading brands for cooling only.

The data for each of the refrigerated brands was sourced from the Australian Government website www.energyrating.gov.au.

The projection is based on 350 hours of cooling (typical Adelaide summer) with an electricity charge of 20c/k Wh (AGL tariff 110 – 20.79c/kwh, in excess of 3.2877 kwhr/day accessed 20/08/04). The sizing of the whole of home units was based on cooling a 148m² home. The Breezair projection is based on the following operating speeds over 350 hours. Speed 1 to 4 – 82% time, speed 5 to 7 – 10% time and speed 8 to 10 – 8% time.





Water Consumption

GALLONS PER YEAR



Ordinary shower head

4 people at 30 gallons per day: 43,800 gallons



Lawn sprinkler

5.5 gallons/minute for 1 hour every 2nd day during 3 summer months:
14,850 gallons/year



Washing machine

14,820 gallons (based on average 39 gallons machine, 380 loads/year)



Toilet

10.4 gallons per day per person (4 persons per house)



Bath

Tub half-full, 30 gallons, 1 bath/day/house:
11,000 gallons/year



Swimming pool

9,375 gallons/year lost through evaporation



Dishwasher

10 gallons/cycle, 1 cycle/day:
3,650 gallons/year



Hand-washing dishes

15 gallons/wash, 1 wash/day:
5,500 gallons/year



Breezair Evaporative Cooler

1,600 gallons/year
(based on 360 hours use)

Here's how a Breezair Evaporative Cooler compares in annual water consumption to other household appliances. This is based on usage in an average-size American home with 4 occupants.



Evaporative cooling: The environmentally-friendly alternative to air conditioning.



Recognition of achievement at the
2006 Energy & Water Green Globe Awards
SEELEY INTERNATIONAL



Breezair Icon Series Airconditioner
Breezair TG Ducted Gas Heater



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