

The sustainable bathroom guide.

Beautiful bathroom.
Beautiful environment.



reece

Your bathroom.
Your life.™

Need to know

What's WELS?

WELS is Australia's water efficiency labelling scheme. Labels show a star rating and also a water consumption or water flow figure. The less water used, the higher the star rating. Tapware, showerheads and toilets all have different maximum ratings. Tapware can be a maximum of 6-stars, toilets can be a maximum of 5-stars and showerheads can be a maximum of 3-stars.



Product	Units	1 Star	2 Star	3 Star	4 Star	5 Star	6 Star
Showers	Litres per min	>12 to 16	>9 to 12	7.5 to 9 *			
Taps	Litres per min	>12 to 16	>9 to 12	>7.5 to 9	>6 to 7.5	4.5 to 6	less than 4.5
Toilets	Full Flush Litres per flush	9.5 max	9.5 max	6.5 max	4.7 max		
	Half Flush Litres per flush	4.5 max	4.5 max	3.5 max	3.2 max		
	Average Flush Litres per flush	5.5	4.5	4	3.5	3 (with integrated basin)	

* Maximum current rating is 3 Stars. Force of spray test has not yet been finalised.

Rebates

Saving the environment can also help you save money. The cost of water is predicted to rise in most states around Australia so the less water you use the more money you can save. In addition, the Federal Government and many State Governments offer rebates and incentives on environmentally friendly products such as shower heads, solar hot water systems and heat pumps. The rebates are constantly changing, so be sure to visit the sustainability section of the Reece website to see what applies to you.

More information

Visit www.reece.com.au/sustainability for more information, resources and tools to help you save water for the environment and create a beautiful bathroom.

Is it possible to enjoy a beautiful bathroom and care for the environment?

The answer is yes. And this guide will show you how. Thanks to some innovative thinking and clever technology, there are now a large number of beautifully designed and sustainable products for inside and outside the home. So it's now possible to create and enjoy a beautiful bathroom while caring for the environment.



What's so good about this bathroom?

It's beautiful & sustainable



Sustainability is a way of life. And so is sustainability in the bathroom. As this bathroom shows, you don't need to compromise on style, quality or individuality to care for the environment.



And it saves 173,448[^] litres per year.

Ram Yeva horizontal basin mixer 150mm
WELS: 6 Star, 4 L/min

The Basin Mixers	L/min	per day	per year
In this bathroom	4L	40L	14,600L
In an ordinary bathroom	16L	160L	58,400L

saving up to

43,800 litres per year*

Ram Yeva bath floor
mixer with handshower
WELS: 3 Star, 9 L/min

**How the per year savings are calculated.*

The water savings presented here are based on the following typical water usage for a family of four living in Melbourne, Victoria.

Tap	Washing hands, shaving and brushing teeth. (Approx. 10mins per day)
Shower	4 minute showers (x4)
Toilet	16 average flushes per day

Ordinary bathroom

Refers to a bathroom containing non water saving products such as a 20 litres per minute shower, a basin mixer which runs at 16 litres per minute and a toilet that has a 12 litre flush.

[^] Total litreage is the sum of the savings made on the mixer, toilet and shower shown on this spread.

Nikles Techno Eco rail shower
WELS: 3 Star, 6.5 L/min

The Shower	L/min	per shower	per day	per year
In this bathroom	6.5L	26L	104L	37,960L
In an ordinary bathroom	20L	80L	320L	116,800L

saving up to
78,840* litres
per year

Kado Lux heated
towel rails 12V.
Available with Eco Timer
to reduce wattage.

saving up to
50,808* litres
per year

Caroma Pearl
back to wall toilet suite

4 Star Rating
4.5/3,3.3 Average L/Flush

The Toilet	Ave L/Flush	per day	per year
In this bathroom	3.3L	52.8L	19,272L
In an ordinary bathroom	12L	192L	70,080L

Small changes can make a big difference.

With the huge range of products available, you don't need to build a brand new bathroom or do a major renovation to enjoy a beautiful and sustainable bathroom. There are some simple changeover options that can immediately improve the performance and appearance of your bathroom - all without changing your plumbing. Take a look around your bathroom and you'll notice some areas you can make some significant water and cost savings.

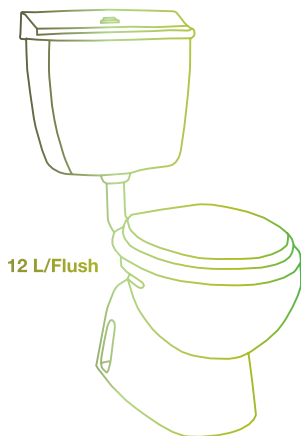
save a
total of
\$312
per year[^]

\$91
savings
per year*

Toilet transition

Older style single flush toilets can use up to 12 litres per flush. Even some dual flush cisterns from the 1990s use up to 9 litres per full flush. Changing over to 4.5/3 litre dual flush toilet will quickly pay for itself.

Save up to 50,808 litres per year. *



12 L/Flush



**Caroma Vand
Link Toilet Suite**

**WELS: 4 Star,
4.5/3 L/Flush
Only 3.3 Avg L/Flush**



**Caroma Milan
BTW Toilet Suite**

**WELS: 4 Star,
4.5/3 L/Flush
Only 3.3 Avg L/Flush**

*How the savings are calculated.

The water savings presented here are based on the following typical water usage for a family of four living in Melbourne, Victoria.

Tap - Washing hands, shaving and brushing teeth. (Approx 10mins per day) **Shower** - 4 minute showers (x4) **Toilet** - 16 average flushes per day

See page 4 for details for litre per minute usage of non water saving products.

Source of \$ Savings - based on the cost per kilolitre charged by Yarra Valley Water for 656 litres of water per day (\$1.80), the average amount of water consumed by a family of four (H2OME, www.ourwater.vic.gov.au). [^]Total dollar savings is the sum of the savings made on the taps, shower and toilet.



18 litres
per minute

Nikles Pure
Overhead Shower

WELS: 3 Star,
8 L/min

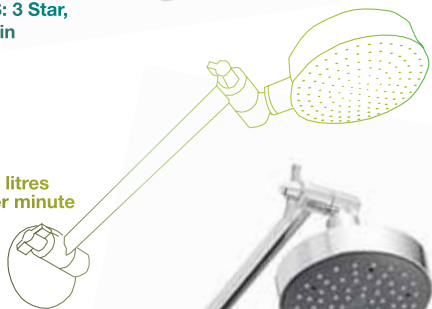
\$142
savings
per year*

Shower swap

High rise showers and big, inefficient showerheads are common in older bathrooms and plunder up to 20 litres of water per minute. Showers are easy to change over so by swapping to a 3 star model that only uses 6.5-9 litres per minute, you can quickly and dramatically improve your showering experience and water efficiency.

Save up to 78,840 litres per year. *

20 litres
per minute



Posh Solus MKII
1F Overhead Hi
Rise Shower

WELS: 3 Star,
9 L/min

\$79
savings
per year*

Untapped savings

Older taps don't have the same water efficient cartridges and valves or give you the lever control of modern style taps. So, if you've got an old three-piece tap set or older style mixer, you're probably using 15 -18 litres of water per minute. You can reduce this to just 4-7.5 litres per minute with a simple changeover.

Save up to 43,000 litres per year. *



16 litres
per minute



Dorf Pearl
Basin Set

WELS: 5 Star,
5.5 L/min



Ideal Standard Melange
Basin Set

WELS: 4 Star,
7.5 L/min

Don't risk it, use a licensed plumber.

Remember, when considering a changeover of products in your bathroom, always use a licensed plumber.

Saving water at every stage

Bathroom sustainability is a holistic mindset.

You need to consider all the stages and elements that go into creating and enjoying your beautiful bathroom. This is our philosophy at Reece. It's why we give you choice and advice on products for your bathroom as well as products outside the home.



Enjoy Water

showers

P10



Control Water

taps

P12

Water is the lifeblood of any bathroom. It's also a precious resource. And using it wisely is not just about how much of it we use in the bathroom. It's also about how we heat it, what products we select to deliver it and what we do to save and replenish the water we do use.



Manage Water

toilets

P13



Heat Water

hot water units

P14



Store Water

tanks

P15

Enjoy Water Showers



save
67,160L
per year

Nikles Techno XL Single
Waterrail Shower

WELS: 3 Star,
8.5 L/min

See page 4 for details.

	L/min	per shower	per day	per year
Nikles Techno	8.5L	34L	136L	49,640L
Ordinary	20L	80L	320L	116,800L



save
70,080L
per year

Nikles Pure 140
Rail Shower

WELS: 3 Star,
8 L/min

See page 4 for details.

	L/min	per shower	per day	per year
Nikles Pure	8L	32L	128L	46,720L
Ordinary	20L	80L	320L	116,800L

Nikles Turbine Shower Booster Technology



Crafted with Swiss precision, Nikles is an international leader in innovative showerheads that save water. Nikles' Turbine Technology uses a turbine wheel within the shower head to increase water pressure and a tapered nozzle design adds extra spin to each water stream, creating a full, powerful shower spray.

Nikles Airdrop Gentle Shower Technology



Nikles Airdrop® is a unique air injection process that simultaneously combines water and air in a series of mixing chambers literally enriching every drop of water with pockets of air, before delivering a rejuvenating spray that is soft and gentle on the skin.

We love our showers. Thankfully, sustainable design has helped to create a new level of environmentally responsible, showering pleasure. Today's showers offer a superior showering experience while actually using less water. Here are just a few of the technologies leading the way.



save
73,000L
per year

Hansgrohe E100
Rail Shower

WELS: 3 Star,
7.5 L/min

See page 4 for details.

	L/min	per shower	per day	per year
Hansgrohe Raindance	7.5L	30L	120L	43,800L
Ordinary	20L	80L	320L	116,800L

Hansgrohe Air Technology

Made in Germany, Hansgrohe Raindance showers use AIR technology to combine three litres of air with every litre of water, generating millions of soft raindrops that revitalise and stimulate the body. With AIR, your daily shower becomes a feast for the senses. And water consumption is reduced significantly.



save
64,240L
per year

Methven Maia
Rail Shower

WELS: 3 Star,
9 L/min

See page 4 for details.

	L/min	per shower	per day	per year
Methven Maia	9L	36L	144L	52,560L
Ordinary	20L	80L	320L	116,800L

Methven Satinjet Technology

Methven Satinjet technology makes twin jets of water collide, fracturing the surface tension to create thousands of tiny rejuvenating droplets. And because Satinjet uses less water than a conventional shower, you'll be enjoying sustainable luxury everyday.



Mixer technology has come a long way with significant advances in cartridge, valve and handle function for more control of water flow. Today, there is a huge range of environmentally friendly taps. The very latest designs use just 4 litres of water per minute without compromising on style or efficiency.



Milli Edge
Basin Mixer

WELS: 6 Star,
4 L/min

Milli's advanced valve technology with smooth handle action gives you ultimate control, reducing splash and making it easy to save water.



Porcher Seva
Basin Mixer

WELS: 6 Star,
4 L/min

Porcher's water saving ceramic cartridge prevents leaks and delivers outstanding 6 star water efficiency.



Ram Yeva
Basin Mixer

WELS: 6 Star,
4 L/min

With the world's first brass cartridge, Ram taps deliver smoother operation for precise water flow and temperature control.

	L/min	per day	per year
6 Star	4L	40L	14,600L
Ordinary Tap	16L	160L	58,400L

Based on 10 minutes usage per day by a family of 4 (See page 4 for details).



Dual flush technology has revolutionised toilet design providing flexibility and efficiency. Because you don't always need a full flush, a dual flush toilet allows you to control how much water you flush each time and manage your overall water usage. Upgrading to a 4 star WELS rated dual flush toilet can save up to 8 litres per flush over an older single flush unit.



Caroma Pearl
Back to Wall Toilet Suite

WELS: 4 Star,
3.3 Average L/Flush
4.5 L/Full Flush
3 L/Half Flush

Caroma, the inventors of Dual Flush Technology combine unique Smartflush® technology with innovative XPV increased flushing power to make the Pearl the ultimate performer.



Ideal Standard Active
Back to Wall Pan

WELS: 4 Star,
3.3 Average L/Flush
4.5 L/Full Flush
3 L/Half Flush

The Active back to wall pan puts just as much emphasis on design and style as it does water saving.



Posh Dominique
Close Coupled Toilet Suite

WELS: 4 Star,
3.3 Average L/Flush
4.5 L/Full Flush
3 L/Half Flush

The dual flush Posh Dominique closed coupled toilet suite is the ideal practical and affordable water saving solution.

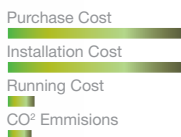
	Average L/Flush	per day	per year
4 Star	3.3L	52.8L	19,272L
Ordinary Toilet	12L	192L	70,080L

Based on 16 average flushes per day by a family of 4 (See page 4 for details).

Heat Water

Hot Water Units

The hot water unit is the engine of your bathroom. By installing an environmentally friendly hot water unit, you can reduce greenhouse gas emissions significantly, helping you to enjoy a truly sustainable bathroom.



Everhot Solar
Solar Direct System

Everhot Solar systems use the sun's energy to heat water, so they are much better for the environment – and they come with the back up of a Continuous Flow Booster.



Everhot Heat Pump
Integrated Heat Pump 310L

By taking heat from the ambient air to warm water, Everhot Heat Pumps provide significant reductions in energy use and green house gas emissions.



Everhot Continuous Flow
Everhot 26 Continuous Flow

With 5 star energy rating, Everhot Continuous Flow hot water units offer you all the pleasure of endless hot water in a compact, space saving design.



Store Water Tanks

Saving water is not just limited to what we do inside our bathrooms. It's also about what we can do outside as well. Collecting the rain that falls on our homes is one of the very best ways to conserve water.

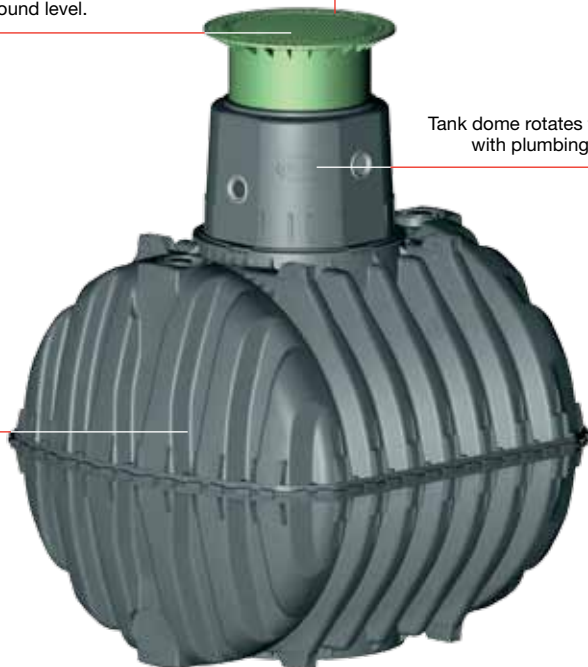
Traditional rainwater tanks can be bulky, taking up vital space in the backyard. A smarter option is the innovative Graf Carat water harvesting system. Installed underground, it saves vital space without changing the look of your garden. The Carat can reduce your mains water consumption by up to 50% and the water collected can be used in the garden and around the home to flush toilets and wash clothes.

Sealed and flush with ground level.

Two choices of lid available for vehicle or non-vehicle loadings.

Tank dome rotates to easily align with plumbing connections.

Four tanks sizes available from 2,700 to 6,500 litres.



GRAF Carat
Underground
Rainwater Tank

The top 10 water saving tips for the home.

- 1. Smile at the savings.** Turning off the tap when brushing your teeth can save around 580 glasses of water a week.
- 2. Shave off a few litres.** You can save thousands of litres every year by plugging the basin while you're shaving.
- 3. Give the plants a bath.** A great way to reduce water usage is to re-use bath and shower water for your pot plants.
- 4. Shower in threes.** Keeping showers to 3 minutes will save at least 9 litres of water per minute for each person in your home.
- 5. Get a friendlier flush.** A leaking toilet wastes up to 16,000 litres of water a year. You can check your toilet by putting some food colouring in the cistern and waiting for 15 minutes. If colouring appears in the bowl without flushing, the cistern is leaking and needs attention from a plumber.
- 6. Don't be a drip.** A dripping tap wastes around 14,000 litres of water a year. Update your taps or have the washers replaced by a licensed plumber. You can also install Neoperl PCA water saving aerators in old taps and showers to make them more water efficient.
- 7. Load up in the laundry.** Washing your clothes only when you have a full load will save water. Using cold water will also dramatically reduce energy consumption.
- 8. Warm food in the fridge.** You can place frozen food in the fridge to defrost overnight rather than using running water to do the job.
- 9. Save by degrees.** Make sure your hot water system thermostat is set no higher than 50 degrees. This is hot enough for all household uses. Any hotter and you'll simply be wasting energy.
- 10. Get a star dishwasher.** When buying a dishwasher, select a model with at least a 3 Star rating. These use up to 44% less water than less other models.



Don't risk it, use a licensed plumber.™

Now that you're ready to create your sustainable bathroom, make sure you talk to a plumber. They can help you with product selection inside and outside the home, ensuring you get the most efficient result. And remember, in Australia, all plumbing work must be certified so don't risk it. Always use a licensed plumber.



Reece. Your bathroom. Your life.™
Call 1800 032 566 or visit www.reece.com.au
for your nearest Reece store.

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