

WATER CONSERVATION

1 0 1

FOR EVERY HOUSEHOLD

www.savewatersa.co.za



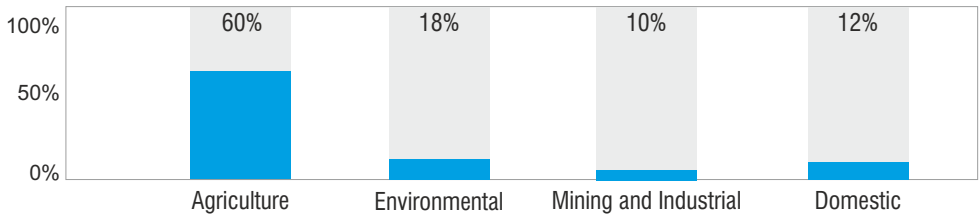
WATER CONNECTIONS

Conserve Water • Save Energy • Save Money

Did you know?

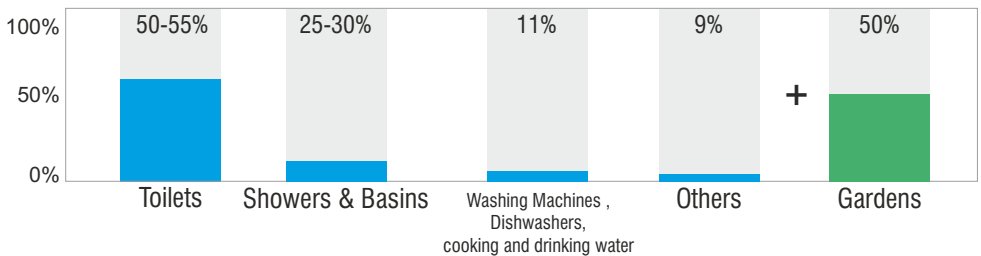
The world consists of approximately 30% land mass and 70% of water. 97% of this water is salt water and not drinkable. That leaves us with just 3%. The more pertinent point is that only 1% of this 3% fresh water is available to all of us for drinking, agriculture, manufacturing and mining.

In South Africa the statistics on Fresh Water Consumption are as follows.



While we are concerned about water conservation on all fronts we are primarily a company that deals with mostly Domestic, Commercial and Public usage of water and the conservation thereof.

The list below illustrates the percentage on average of fresh water a South African household will use per annum.



Households with Gardens use twice as much with as high as 50% going to irrigation and maintenance of gardens.

We have taken the above statistics into account and now try to provide a basic but simple and inexpensive method of water conservation products that can be used to conserve water. By actively promoting water conservation we will also show you how the actual costs of buying these devices can be recouped in water saving and sewerage bills within a short 6 month period of the initial purchase.

Furthermore we will introduce products that are successfully tried and tested from the EU that is driving water conservation through intelligent technology. This technology is working well and have a positive impact on water conservation and are easily available to all South African households as well.

Some interesting facts will also be about water saving can be seen from these developed countries by the use of intelligent technology.

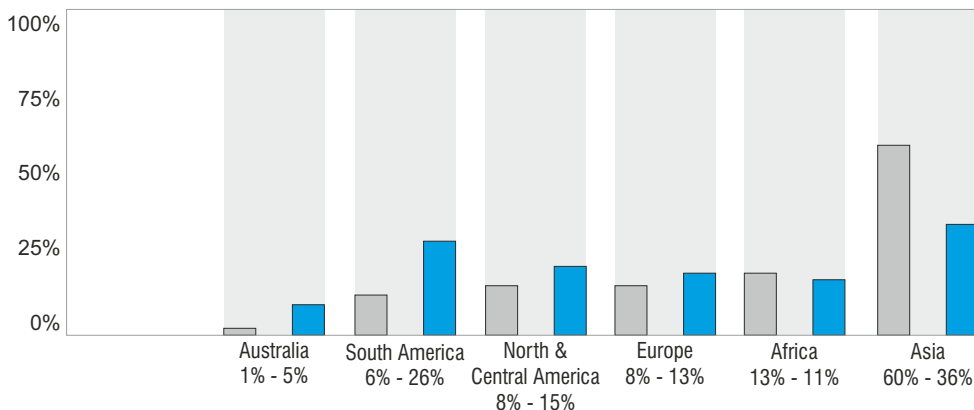


How can you save?

How can you can save?

Fresh water is a regional resource. It is distributed unequally around the world. The total percentage of water availability can not assist countries where the population % is higher then the water availability %. Take a look at the table below and this will illustrate that in Africa as well as South Africa we have a water shortage that needs to be addressed without delay.

Population as a % vs Available Fresh Water as a.%



Water Connections have been involved in the importing and distribution of water conversational products that intelligently conserve water with relatively low costs and no inconvenience to the everyday end user. These products can be installed on current products used in the average household and the savings start from day 1 and is evident almost immediately.



Our Solutions

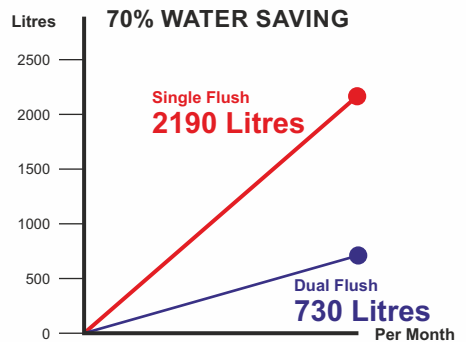
Lets take a walk through an average household with a single person getting up in the morning and eventually leaving the household. We will also provide some cost effective solutions to public places where water is used daily.....





Traditional Cistern 9 Litres
 $9 \times 2 \times 4 = 72 \text{ Litres} \times 30 \text{ days (on Average)}$
2190 Litres per month

Dual Flush Cistern 3 Litres
 $3 \times 2 \times 4 = 24 \text{ Litres} \times 30 \text{ days (on Average)}$
730 Litres per month



Per Family of 4 using a dual flush 3 litre flush function as opposed to the traditional 9 litre single flush cistern

The toilet is one of the highest water usage area of the average household in South Africa. Most households across South Africa have a traditional PVC single flush 9Litres per minute Cistern or a single flush Close Couple ceramic cistern that may use as much as 13 Litres per minute for every single flush. Most of this water is wasted as the design and technology of these products are not water conservation friendly.

Dual flush 3litres for fluids and 6litres for solids is more recent technology that saves up to 70% of water through smarter designing. These products can be used for new installations or even old installations. The next page is a very brief list of alternatives to existing fittings and are all standard sizes and common retrofit alternatives to existing toilets.



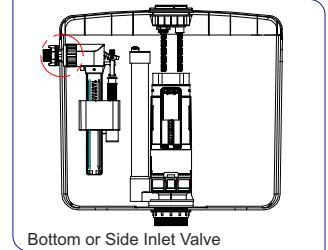
Toilet Alternatives

Dual Flush Cistern

COMPLETE CISTERN 3L & 6L

This is a complete dual flush Water Saving 3 litre & 6 litre Cistern.

NB: 3L & 6L square buttons clearly visible & marked.

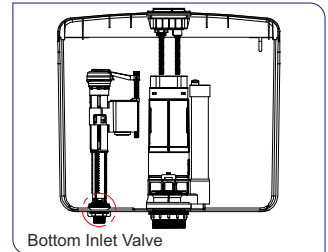


Bottom or Side Inlet Valve

Dual Flush Cistern

COMPLETE KIT

This is a complete internal Water Saving 3 litre & 6 litre Cistern Kit for existing single top flush close couple or low level toilets.

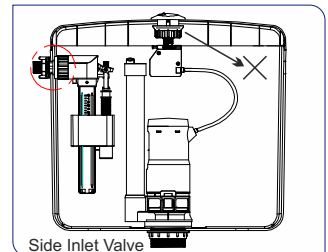


Bottom Inlet Valve

Dual Flush Cistern

CABLE KIT

This is an internal Water Saving 3 litre & 6 litre Dual Flush Outlet Valve for existing side flush close couple or low level toilets.



Side Inlet Valve



SAVE up to
70%



Basin



A visit to the bathroom will most certainly include a sanitizing handwash, shave or brushing of the teeth. An average aerator on a basin will run 15 Liters of water per minute. This can be reduced if the tap is only used while rinsing is required and not left on running for the duration of the time spent at the basin.

Furthermore our retro fit devices can reduce the consumption down by as much as 70%. This products can be used in homes, office blocks factories as well as schools and public areas too. They include faucets with aerators as well as taps with no aerators.





Basin Alternatives

Water Saving Aerator

PCA Cascade Flow

This is a retro fit water saving aerator with cascade flow of 2-6 Litres per minute in both M22 & M24 CP brass housing.

Cascade



Water Saving Aerator

PCA Spray

This is a retro fit water saving aerator with a spray from 2 to 5 Litres, per minute in both M22 & M24 CP brass housing.

Spray



Water Saving Insert

PCW-02

This is a retro fit inline water saving insert with a flow rate of 5,6,8 Litres per minute for taps with no aerators. For 15mm pillar & bib taps.

Insert

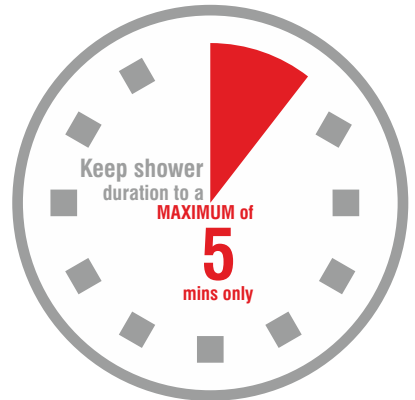


SAVE up to
80%

WC Shower



Earth Showerhead 9L /min



Showers are the second most highest consumers of water in the average household. The Earth showerhead with Neoperl Flow regulator is one of the worlds most cost effective water saving showerhead that has a 9litre per minute flow around a single diameter. Even though the product has three functions the standard full spray function is the most popular and most commonly used of all. It is also the most effective of all the spray functions as it focuses all the water in one direct cylindrical spray that will penetrate even the most thickest of hair with shampoo.

The shower alternatives are also new technology flow regulator washers and valves in fittings which achieve the same water conservation effect but with an existing showerhead. The costs of these items are much lower then replacement showerheads and will retain current aesthetics.



Shower Alternatives

Water Saving Washer Insert

PCW insert for Showerheads

This is a retro fit water saving insert that is available from 1-18 Litres per minute. Must be inserted into showerhead or hand showers.

PCW02

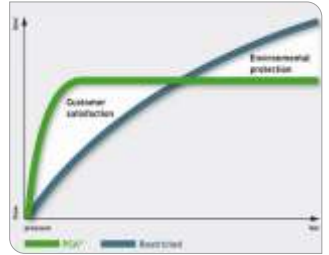


Water Saving Washer Insert

PCW insert for Showerhoses

This is a retro fit water saving washer insert that is available from 1-18 Litres per minute. Must be inserted between showerhose & bath mixer.

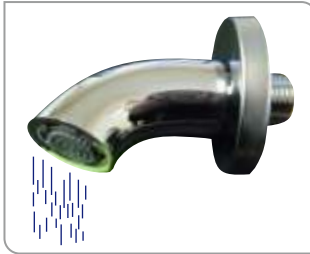
PCW01



Water Saving Showerhead

WS053 Ablution Tap

This is a vandal resistant showerhead which has an optional 54 or 84 jet spray. Water consumption is 4L/min full spray and it is ideal for private or public installations.



SAVE up to
70%





Kitchen



The kitchen mixer is one of the least water consuming area of the average household. Only 11% of all water gets consumed here. This includes drinking water. The sink aerator here is also a standard 15Litres per minute and can be reduced to just 6Litres per minute cascade flow or a low 3Litres per minute on a spray function.

There is also a list of new aerator with hose and spray alternatives that are water conservation friendly and also modern. These can also reduce water consumption by up to 60%.



Kitchen Alternatives

Water Saving Aerator

Neo Vario Dual Function

This is a retro fit water saving aerator that is 6 Litres per minute cascade flow with a dual spray function. Can be fitted to most kitchen sink mixers.

Neo Vario



Water Saving Aerator

SSR Swivel Aerator with Hose

This is a retro fit water saving swivel aerator & can be fitted on any M22 or M24 housing for both basin faucets as well as kitchen sink mixers. The swivel is built into the aerator.

SSR



Water Saving Aerator

Aerator with Hose

This is a retro fit water saving aerator with hose. The aerator flow can be specified. The Neo Vario can also be attached to this hose as well as the SSR aerator.

Hose



SAVE up to
60%



Irrigation & Garden

x 20

Stainless Steel Pegs to prevent sand and stones clogging irrigation kit.

x3 x2 x2

x1 x2 x1

In most households where there is a garden or irrigation system the water consumption can be as high as 50% of the total water consumption of the average household.

The Dropkit irrigation system here can save as much as 70% of water usage for gardens as well as an excellent idea for little vegetable gardens that are not more then 20 square meters.

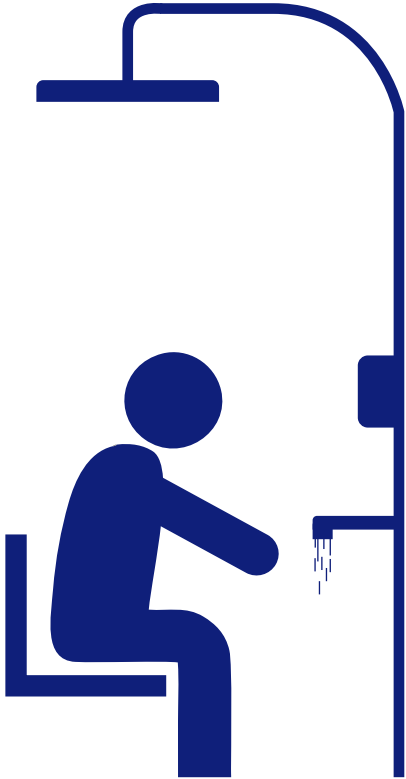
Dropkit delivers water directly to the roots where it is required with little or no water lost to evaporation.

SAVE up to
70%



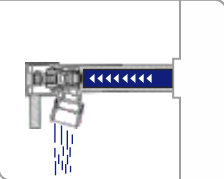


Ablution Facilities




E120 Ablution Tap

This is a ceramic disc quarter turn on/off ablution tap with optional 2 Litre per minute to 5 Litre per minute flow regulated spray aerator.




WS053 Ablution Tap

This is a vandal resistant showerhead which can be used as an ablution tap with an optional 2 Litre per minute to 5 Litre per minute flow regulated spray aerator.



Corfu Shower Seat

This is a convenient fold up shower seat that can be installed into a shower cubical to convert it into an ablution facility for WUDU and other purposes.



Most households and Mosques in South Africa have an ablution area. These places are used many times a day and in the case of mosques by a large amount of the public as well. The exact water usage will be water point specific. We have introduced a few simple ways to make sure that the water usage is kept to an absolute minimum. 2 to 3Litres of water per minute on the ablution taps for mosques as well households.

We also have a folding shower seat that can be installed in the shower to convert the shower into an ablution facility as well.

SAVE up to
70%



Public & Communal Facilities

Public Basins: 1,8L - 4L / min



Public Showerheads for Schools & Gyms: Max 9L / min



Ablution Taps for Mosques: 2L / min to 5L / min



Public & School: 3L & 6L Dual Flush Toilet Cisterns





Public & Communal Facilities

Vandal Resistant Aerators

These aerators need to be installed or removed with a vandal resistant spanner key. Without the key the outer body just keeps on turning.

Perfect for public and other areas where water consumption is high and vandalism, theft occur.

M22VR



M24VR



Vandal Resistant Showerheads

These showerheads need to be installed or removed with a vandal resistant spanner key. Optional 4 Litre per minute Neoperl anti-lime 54 or 84 jet spray.

Perfect for public and other areas where water consumption is high and vandalism, theft occur.

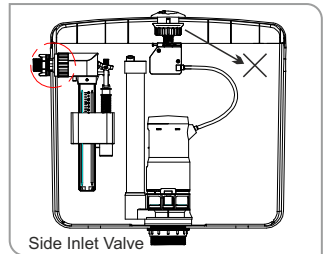
WS053



Dual Flush Cisterns & Retro-fits

These dual flush 3 Litre and 6 Litre cisterns are perfect for new installations as well as the dual flush complete internal kit and cable kit for retro fit on existing ceramic pvc single flush cisterns.

DFC



Side Inlet Valve

Public facilities are used most frequently by a large number of people. Water consumption and its related costs supplied by the municipalities, schools, commercial entities or malls are just passed on to the general public. That's you.....

So we have also have some simply easy and vandal resistant products that can be installed in all of these places with a direct water conservation benefit. The savings can be as much as 60% per point. That's a large water conservation contribution to the limited supply of water we have in our dams.

SAVE up to
70%



It all starts with you_____

Be wise.....

Water Saving = Electricity Saving = Sewerage Bill Saving = **Money Saving**.

Yes! You will save money too!

Just remember one drop per second per tap or water point = Millions of litres of water wasted per annum.

So start Saving!

Every drop counts!

For contact details on products featured in this brochure:



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