

# WCs

Using our dual flush technology can save you over 25% of the water used against a standard 6 litre cistern.



## Dual flushing

Because you don't always need a full flush every time you go to the toilet, all Ideal Standard and Armitage Shanks push button close coupled WCs have dual flush cisterns as standard. These cisterns have two buttons – the small button delivers 4 litres for a short flush, the large button delivers 6 litres for a long flush. This saves over 25% of water vs a 6 litre cistern. Environmental Agency research

indicates that the average domestic toilet is used 5 times a day, with 4 uses requiring a short flush and 1 use requiring a long flush.

## Water saving cisterns

Flushing with a smaller cistern is one of the most effective ways of saving water. Current water regulations require WCs to flush on a maximum of 6 litres. However over 60% of WCs installed in the UK still have cisterns that flush on 7.5, 9, 11 or even 13 litres.

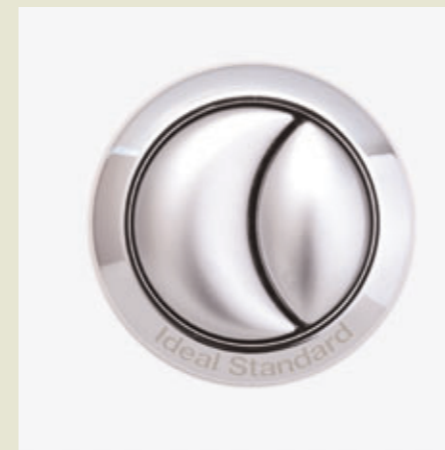
By installing a 6 litre WC and cistern you could save anything from 20% to 50% of water per year.

## New delayed flush cisterns

To ensure maximum savings we have developed delayed flush cisterns. This technology prevents the cistern from filling with water before the flush is complete, guaranteeing no additional water is wasted. This is particularly suitable in high water pressure situations.



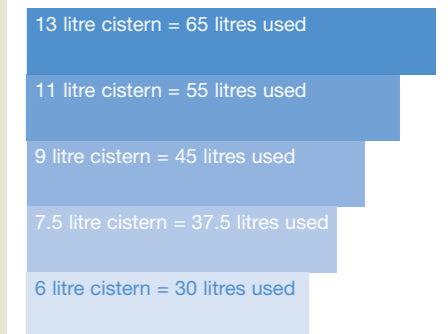
The dual flush panel offers an elegantly modern solution for our wall mounted and back-to-wall WCs.



Our dual flush button is fitted as standard on all Ideal Standard and Armitage Shanks WCs.

## Cistern savings

Based on UK average of 5 flushes per day



# WCs

Special WCs have been developed for commercial use that can provide an effective flush with only 4.5 litres of water.



## Dual flush or 4.5 litre flush?

There are 2 types of cistern that give you significant water saving benefits - dual flush and 4.5 litre flush. The choice of which option to use may be determined by the usage environment. Dual flush cisterns have two buttons - the small button delivers 4 litres for a short flush and the large button delivers 6 litres for a long flush. This option would be more suitable in an office environment where users can become familiar with the system. The 4.5 litre flush would be more suitable for areas

with a high throughput of many different users, e.g. an airport - where the lack of familiarity with dual flush may result in incorrect usage and therefore reduced water saving benefits.

Our 4.5 litre WCs pass all government flush regulations and are ideal for busy commercial applications.

## New delayed flush cisterns

To ensure maximum savings we have developed delayed flush cisterns. This technology prevents the cistern from filling with water before the flush

is complete, guaranteeing no additional water is wasted. This is particularly suitable in high water pressure situations.

## Sensorflow

Sensorflow is an electronic washroom system that accurately controls washroom water. It is simple to fit and very user friendly.

For WCs a wall or panel sensor detects close proximity of the users hand.

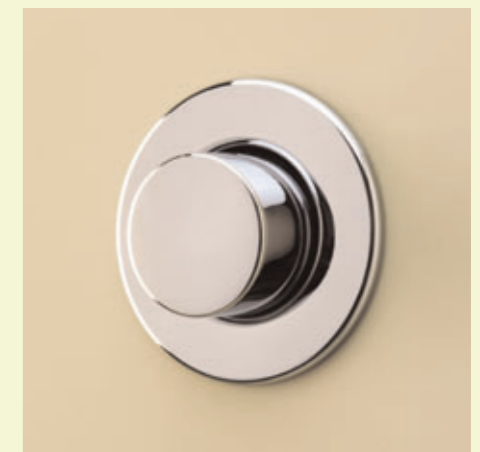
This initiates flushing using a pneumatic device.



The dual flush panel or Sensorflow system can be used with any of our back-to-wall or wall mounted WCs.



The contemporary dual flush panel offers an elegantly modern solution for our wall mounted WCs.






The palm button flush mechanism provides a durable design solution for today's washroom.

# Domestic water saving

Area	Product	Description	Water saving benefit
<b>WCs</b> 	Dual flush WCs	<p>All Ideal Standard and Armitage Shanks Contemporary WCs have dual flush cisterns.                      Full flush = 6 litres                      Small flush = 4 litres</p> <p>Close coupled dual flush.                      Back to wall with Conceala cistern dual flush.                      Wall hung with Conceala cistern dual flush.</p>	<p>Saves 33% of water when you use the small flush button.</p> <p>A typical WC is flushed 5 times a day with 4 small flushes and 1 full flush:                      4 x 4litre small flush, 1 x 6 litre full flush = 22 litres of water a day with an average flush of 4.4 litres.</p>
<b>Bathing</b> 	Alto water saving bath 1700 x 700mm E769001	Bath with reduced capacity of 149 litres. (Normal Alto 1700 x 700mm – 175 litres).	Saves approximately 15% of water vs a conventional Alto bath.
	Shower baths	Bath designed with a larger area at the base to give space for an overhead shower. <b>Ideal Standard</b> Space, Alto and Create shower baths <b>Armitage Shanks</b> Accolade shower bath	Showering is an effective way of saving water. A shower bath gives you a choice of showering or bathing where space is limited.
<b>Showering</b> 	Shower restrictor L6749AA	A restrictor reduces the amount of water used. The restrictor is inserted between the valve and shower kit.	<p>Showers can use anything from 10 to over 30 litres of water per minute depending on the water pressure.</p> <p>Shower restrictor limits the water flow to 9 litres per minute at 3 bar.</p> <p>A typical 7 minute shower with water restrictor can save between 40 and 80 litres of water compared to having a bath.</p>
<b>Taps &amp; mixers</b> 	Ceramic disc taps	Ceramic disc taps use a very hard ceramic material in the valve. This gives precise control and reduces the chance of having a dripping tap. Ranges with ceramic disc technology include: <b>Ideal Standard</b> Class Tratto Silver Ceramix Alto Domi Cone Idyll Waterways CD Academy Moments Ceraplan <b>Armitage Shanks</b> Accolade CD Sandringham SL Halo	<p>Over time a dripping tap can waste many litres of water.</p> <p>A dripping tap wastes up to 4 litres of water per day.</p>
	Click technology taps	Resistance is felt in lever when the tap is delivering half the potential water flow. When lever 'clicks' tap delivers 100% flow. Incorporated in: <b>Ideal Standard</b> Idyll Two Ceramix Alto Ceraplan <b>Armitage Shanks</b> Sandringham SL	Cuts water usage by 50% if lever is stopped before click.
	Airated flow restrictor	Taps can use as much as 8 to 9 litres of water per minute depending on water pressure. Restrictor is screwed into the mixer spout to reduce the amount of water used.	Controls water to 6 litres per minute at 3 bar. Airated nozzle gives softer water feel, ideal for hand washing.

# Commercial water saving

Area	Product	Description	Water saving potential
<b>WCs</b> 	Dual flush WCs	<p>All Ideal Standard and Armitage Shanks Contemporary WCs have dual flush cisterns.                      Full flush = 6 litres                      Small flush = 4 litres</p> <p>Close coupled dual flush.                      Back to wall with Conceala cistern dual flush.                      Wall hung with Conceala cistern dual flush.</p>	Saves 33% of water vs 6 litre cistern when small flush is used. Good for repeat user environments such as offices.
	4.5 litre flush	Special single flush WC and cistern combination that only needs 4.5 litres of water to flush.	Saves 25% of water vs 6 litre only flush. Good for areas of high usage with different users such as airports etc.
	New delayed fill flush	Cistern only begins to fill with water once the flush is complete.	The ultimate water saving device. Guarantees maximum water saving even in high pressure situations.
<b>Taps &amp; mixers</b> 	Self closing taps Avon pillar taps S7239AA Avon mixer taps S7316AA	Lever is pushed down to activate tap. Water flow automatically stops after a period of time. Run time is manually adjusted on installation – typically 10 to 15 seconds.	Controlled water delivery. No risk of tap being left on resulting in flooded washroom.
	Sensorflow taps	Infrared sensor detects user and operates fittings. Fittings can be stand alone or be part of an integrated washroom system controlled by one unit. Options: Integral sensor in surface or wall mounted spout. Spout with separate sensor. Touch control wall mounted tap. For full range of options and control units refer to the BlueBook.	Water delivered only when it is needed.
	Airated flow restrictor	Taps can use as much as 8 to 9 litres of water per minute depending on water pressure. Restrictor is screwed into the mixer spout to reduce the amount of water used.	Reduces water to 6 litres per minute at 3 bar. Airated nozzle gives softer water feel, ideal for hand washing.
<b>Urinals</b> 	Waterless urinal	Aridian urinal uses a filter that breaks down uric acids and acts as a trap. The system requires no water.	Requires no water. 100% water saving.
	Sensorflow urinal	Sensorflow Urinal systems are only activated when the sensor detects use. For full range of options and control units refer to the BlueBook.	Reduces the amount of times the flush is activated and can offer huge water savings.