

COMPARING

STANDARD DUAL-FLUSH

Which flush do I choose?

The dual button set-up can be confusing and requires you to think before every flush.

Only 1 out of every 5-7 flushes requires the large flush!!

No encouragement to select the low flush

Many users just choose the large flush, to be sure they got it right.

Risk of leakage

With more than 50 small plastic parts the mechanism has the potential to malfunction due to breakage or scale deposits or the buttons jamming. This will cause a continuous flow of water into the toilet bowl.

Costly maintenance

Due to the complex design, regular maintenance is necessary. This is costly and often requires the services of a plumber.

ecoBETA® DUAL-FLUSH

No need to think!

You cannot choose the wrong button, because there is only 1!

Use is simple and intuitive.

Selecting the large flush requires an extra effort

For the large flush hold the button or lever for a few seconds. This makes the big difference in people's behaviour. It is surprising how much water can be saved!

No leakage

Simple use and only few parts ensure operational reliability without the risk of leakage.

Reliable

The only need for maintenance is when the gasket needs replacement every 8-10 years – a 1-minute operation.

For the upgrade of dual-flush toilets with 2 buttons

The ecoBETA® dual-flush can be fitted into most lever and button operated toilet models.



Scale deposits in the complex design may cause leaks.



1 button – 2 functions

Small flush: Press and let go

Large flush: Hold for 3-4 seconds



The small flush is easily adjusted to the minimum volume required.

Please contact us for a calculation of your potential to save water and money:

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ecoBETA® saves MORE WATER than dual-flush units with 2 buttons

Proven results after the upgrade of standard dual-flush toilets

PROJECT	YEAR	RESULTS
<u>The Danish Ministry of Food</u> : Ministeriet for Fødevarer	2009	<ul style="list-style-type: none"> • No longer any maintenance problems
<u>Danish concert hall</u> : Musikhuset in Esbjerg	2011	<ul style="list-style-type: none"> • Water-savings 48% • No longer any maintenance problems
<u>Danish school</u> : Seminarieskolen i Aalborg	2012	<ul style="list-style-type: none"> • Water-savings 25% • No longer any maintenance problems
<u>Danish municipality</u> : Frederiksberg Rådhus	2011	<ul style="list-style-type: none"> • Water-savings 47% • No longer any maintenance problems
<u>Police Station in Denmark</u> : Station City, Halmtorvet	2013	<ul style="list-style-type: none"> • Water-savings 32%

Award-winning water-savers

ecoBETA® dual-flush valves and retrofits have won several international prizes for their water-saving potential, design, operation and quality. Evidence based research confirms that the ecoBETA® dual-flush shows the most consistent statistically significant results and provides the best value for money water-savings ranging from 14 to over 50% as confirmed by OFWAT (the water regulator in England and Wales).



EXTRACT OF SCIENCE REPORT: SC080033/SR2

DELIVERING WATER NEUTRALITY: MEASURES AND FUNDING STRATEGIES, 2009

A RESULT OF RESEARCH COMMISSIONED AND FUNDED BY THE ENVIRONMENT AGENCY'S RESOURCE EFFICIENCY SCIENCE PROGRAMME

Dual-flush toilets are often considered to be more efficient than single-flush systems. (...)

There is however now growing evidence that many dual-flush mechanisms can fail which can result in leakage. As well as risk of the mechanism jamming and the valves leaking (which go undetected due to the internal overflow) there is also evidence that the user does not know how to operate the dual-flush system properly. Often only the higher flush is used, or sometimes when the smaller flush is used at the wrong time this necessitates a double flush which wastes water.

ENERGYLOGIC, IMPARTIAL ENERGY CONSULTANTS IN SWEDEN:

"Based on our experience from ecoBETA installations in Swedish hotels, ecoBETA delivered water-savings of 42% compared to the newly installed dual-flush toilets, which only delivered 18%."