

Eco BETA
Staunvej 29
DK 9240 Nibe
DENMARK

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Experiences from ecoBETA installations in Swedish hotels

During the last years we have installed ecoBETA dual flush converters for toilets in several Swedish hotels. In those hotels also equipped with EnergyGuard Automatic Meter Reading, we have been able to measure the water consumption before and after ecoBETA installation.

The results are:

- 42 % average saving on water consumption measured directly on toilets.
- 15 – 25 % savings on total water consumption measured on main water gauge.
- 20 – 30 % savings on total water consumption when ecoBETA is combined with water saving equipments also on showers (10 l/min) and wash basin (4 l/min).

During refurbishment of one hotel we have also been able to compare the difference in water saving between installing ecoBETA in existing toilets and substituting existing toilets with new toilets with double flush controlled by double buttons. The result measured directly on the toilets where that savings with ecoBETA where 42% but savings with new double flush toilets where only 18 %. This difference is due to the fact that hotel guests tend to use the large flush always on the new toilets with double buttons. But on the toilets equipped with ecoBETA most flushes where small (pull or push button and let go).

We often hear arguments from skeptical hotel technicians that the lower water consumption from ecoBETA could cause blocket sewage pipes, but we have had no such problems reported from any of the hotels where ecoBETA have been installed.

All hotels where we have installed ecoBETA have been able to meet requirements regarding maximum water consumption per guest night from the Nordic eco label SVANEN.

Based on our experiences with ecoBETA we recommend all hotels to convert their old toilets with ecoBETA instead of changing to new toilets with double flush.

Yours sincerely,

energyLogic



Lennart Hägglund