

About the Quad 4.4

The Quad 4.4 is a 4.4L liquid container designed for use in compost collecting toilets.

Key Features of the Delta-10:

- ❑ 4.4L (1.2 US Gallons) Capacity
- ❑ Built-in Handle
- ❑ Fabricated using non-brittle plastic
- ❑ Large opening to allow for fast 'glug-free' emptying and periodic 'deep' cleaning.
- ❑ Fits all Kildwick toilets.

Operation

When in use the urine diverter directs the urine down the spout to this bottle where it gradually builds until it fills or if you are ready to empty it earlier.

How fast will it fill?

This is a tough one as people drink widely differing amounts of liquid and ambient temperature and activity levels will dictate how much liquid is 'sweated' out. Clearly if you 'go' in other toilets this will reduce volume in the Quad 4.4. The highest volume is likely to be no more than 2L per person per day so the 4.4L bottle should last one person 2 days, two people 1 day etc but you'll quickly work out your 'average'.

We recommend that you empty at regular intervals - maximum 2-3 days as leaving it longer, especially in warmer conditions, will result in bacteria growth and higher smells (for dealing with smells, see later).

Whats Happens if the Bottle Overflows?

This is bound to happen now and again but if you have one of the Kildwick toilets the design is leak-proof and you don't need to worry about urine leaking into your floor or into your bilge (if a boat).

When this happens, you can mop or pour it out and wipe down with clean water. The surface has a natural anti-bacterial property so you don't need to use additional cleaning agents.

Dealing with Smells

Interestingly you are more likely to suffer from urine-related smells than solids (as long as the solids are well-managed - see Kube-23 notes).

The smell comes partly from the bacteria the urine catches on its way out of the body and partly from what was already in the bottle from previous use. The bottle's antibacterial properties do help to slow down the bacterial build up but the effect of this is reduced if there has been a scale build up. To reduce the chance of smells:

- ❑ When you empty the bottle give it a rinse out.
- ❑ Add a capful of eco bathroom cleaner to the bottle daily - just pop it on the strainer and the next wee will wash it down! Others have had success adding white vinegar, tea-tree or citrus oil, (very) small amounts of bleach (degrades quickly in small amounts). Some also say adding sugar helps with any smell.
- ❑ Don't leave the urine in the bottle too long - even if you aren't using it much plan to empty it after a maximum of 3-4 days
- ❑ If you go away from where you have this loo - leave the urine tank empty and rinsed ready for your return.

Emptying

Diluted urine is a great plant fertiliser but it can cause problems if undiluted or if it gets into water-courses or canals.

- ❑ Pour urine away from the canal/river. For canals go 6 feet away and you should be outside the canal 'puddle' area that will keep the urine from flowing back into the canal
- ❑ Pour over grass, under hedges or at the base of trees. Ideally, don't pour twice in the same spot until it's rained.
- ❑ You can empty the Quad 4.4 into normal toilets, Elsan points, drains etc
- ❑ Remember to be responsible - whilst the urine will soak in and disperse quickly don't pour away where people/dogs are walking & playing.

Cleaning

You can clean inside the toilet with eco-cleaner and from time to time, you may need to get some rubber gloves on to scrape out any scale build up.

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Urine Tank

Operation