



Composting Toilets

In the pursuit of eco-friendly living, composting toilets are appearing ever more frequently beyond the cottage and cabin. Composting toilets offer a viable alternative to traditional commodes because of their ease of installation and use. Also, their affordability complements their environmental benefit as a water conservation device.

The protection of Canada's renewable water resources is equally important in the fight against global warming. As we strive to create an eco-friendly living environment, we are continually seeking new ways to both reduce water consumption, and sewage pollution and composting toilets fit the bill.

Canada's renewable water supply – the water that falls as snow or rain to replenish standing groundwater and lakes – is increasingly being used faster than it is replaced. A regular toilet, even a low-flow, uses 1.6 gallons per flush. This means that the average person will flush approximately 12 gallons of water down the toilet every day – this estimate balloons to 60 gallons per person per day with standard 5 gallon flush toilets – that's a lot of water to just flush the

toilet! A composting toilet offers sanitation with NO WATER. Thus, savings are significant and immediate.

A strong advocate of the environmental credo "Reduce, Reuse and Recycle", Sun-Mar Corporation manufactures composting toilets that protect existing ground water, lakes and rivers by recycling sewage into safe, rich fertilizing soil. The benefit here is actually twofold – conservation of water on one hand and elimination of pollution from the environment on the other. Furthermore, there is the additional benefit of yielding safe, rich fertilizing soil as an end product – the ultimate in recycling!

For purely practical purposes, a Sun-Mar composting toilet is an excellent alternative to conventional commodes where rough terrain prevents excavation for a septic system drain field. Composting toilets are also great for homes in close proximity to lakes, rivers and streams. They can be installed where water and sewer connections are not available such as pool cabanas, barns, and rural workshops, as well as in mobile situations like an RV or boat. Furthermore, they are an easy and convenient addition to an artist studio, bunkie, stable, boathouse, worksite or mine. Sun-Mar even offers a Space Saver model that works in a small closet or basement for those needing extra facilities but cannot or do not want to dig up the foundation to install a sewer line. Finally, Sun-Mar toilets are excellent for saving old, ailing or failing septic systems. Simply remove the existing flush toilet, replace with a Sun-Mar and suddenly you've reduced the load on the septic by 40% and eliminated the bulk of solid input. This immediately improves the water quality of wastewater entering the septic and reduces the load.

How do Sun-Mar Toilets Work?

Sun-Mar models are available as electric or non-electric, and all are odour-free. Similar to a compost pile, but with increased speed, these toilets promote the growth of aerobic bacteria by using a patented BioDrum™ technology that allows for comprehensive mixing and aeration of the compost pile (just like a cement mixer or clothes dryer).

An additive mixture of peat moss and wood chips further helps to trap air, hold moisture and balance organic carbon content. The venting systems maintain a partial vacuum inside the composting unit while also carrying away the evaporated moisture.

Sun-Mar toilets are easy to install absolutely anywhere. They are simple to use and maintain. You'll also be rewarded with rich compost for the garden, trees and flowers as well as the peace of mind of knowing you're having a positive impact on the environment by reducing your ecological footprint.



Sun-Mar toilets are available through Special Order at your neighbourhood Home Hardware, Home Hardware Building Centre or Home Building Centre.