

# Sun-Mar Composting Toilets

## EXCEL N.E.

**904-001 Excel N.E. \$1595**  
 Dimensions: H 31", D 33", W 22.5"  
 Now available in White or Bone

The EXCEL N.E. was first introduced in 1981 and has proven itself capable of handling 5-7 people in weekend and vacation use or 2-3 in residential use. Indeed the EXCEL N.E. long ago established itself as the standard toilet for those living "off the grid". It consists of a large volume insulated bio-drum, a finishing drawer and an evaporating chamber. The EXCEL N.E. has a 4" vent (supplied with the unit) which is mounted at the top rear. This vent acts like the chimney on a woodstove to induce draft, and draw air in through the intake holes, and in from around the toilet seat. To get good air movement, the vent should be erected as close to vertical as possible.

If the EXCEL N.E. is going to be used heavily, or residentially, or is to be installed in a place which is particularly subject to a downdraft, a DC fan should be installed in the vent stack. The fan draws 1.4 watts and can be used with a solar panel (12v) and/or battery. A 1" drain is fitted to the rear of the unit, and this should be connected to an approved drain pit or similar facility.

This toilet works well if it is used as it is designed to be used. The toilet should be at indoor temperature to allow liquids to evaporate up the 4" vent pipe, and to allow the bacteria to be active and thus digest the waste. We used one every day at New England Solar Electric when we were without a septic system in our previous location. Our composting toilet was cold for most of the winter, but functioned well anyway. We added an efficient DC fan to help evaporate the liquid during the cold months.

Sun-Mars are made in Canada and shipped freight pre-paid from Buffalo. Freight charges to the northeast are usually in the \$80-\$100 range. Allow 2-3 weeks for delivery

### Vent Fan for Sun-Mar Toilets

**904-012 12 Volt 1.4W Fan \$55**

Used to increase capacity and evaporation on EXCEL or CENTREX N.E. Recommended for residential or heavy use. The fan comes mounted in a piece of Sun-Mar 4" duct pipe and mounts directly on top of the toilet. Consumes 1.4 watts at 12 or 24 volts. Be sure to specify voltage.



## CENTREX N.E.

**904-002 Centrix 1000 N.E. \$1595**  
 Continuous Use: N/A  
 Weekend & Vacation Use: 4/6  
 H 27.5", D 26.25", W 35.5"

**904-009 Centrix 2000 N.E. \$1795**  
 Continuous Use: 3/5  
 Weekend & Vacation Use: 6/8  
 H 27.5", D 26.5", W 48.75"

**904-010 Centrix 3000 N.E. \$1995**  
 Continuous Use: 5/7  
 Weekend & Vacation Use: 8/10  
 H 31.5", D 26.5", W 69.5"

The CENTREX N.E. is a non-electric central composting toilet system. This type of system is designed for those who prefer a flush toilet in the bathroom, with the composting unit outside or in the basement. This central composting unit is normally within 20' of the toilet and is connected via a 3" plumbing pipe. Installation requires hooking up the water supply to the low flush toilet, connecting the 3" waste piping to the composting unit, and assembling the vent stack (included with the unit).

CENTREX N.E.'s are low profile units making installations under buildings where height is important much easier. Although distances of over 20' between the low flush toilet and composting bio-drum are not normally recommended, central units have been successfully installed up to 40' away from the toilet.

## Sun-Mar Low Flush Toilets

**904-003 Dry Toilet \$325**  
**904-004 SEALAND 510 Plus \$350**

The Sealand 510 Plus is 1-2 pint super low flush toilets for use with the Centrex N.E. central composting toilet system described above. The 510 Plus is a regular size toilet, and is made of fine china for superior quality, hygiene and cleanability. The Sealand 510 toilet come complete with seat assembly, pedestal cover, floor seal and mounting bolt package. White Only.

## Composting Aids

**904-006 Compost Quick 16 oz. \$13**  
 Combination toilet bowl cleaner and compost accelerator.

**904-007 Microbe Mix 18 oz. \$16**  
 Dried aerobic microbes and enzymes to initiate composting.

**904-008 Compost Sure\* 7 gal bag \$25**  
 Mixture coarse peat moss and hemp bulking material.

\*Note: Exact shipping cost will be charged on this item.