

SANITATION OPTIONS FOR MICRO LIVING						
PHOTO	TYPE	PRICE	OVERVIEW	PROS	CONS	NOTES
COMPOSTING TOILETS: SELF CONTAINED						
	SUN-MAR EXCEL NE	APPROX. \$1,645	<ul style="list-style-type: none">Non-electric unitRated at 2-3 people full time useEmptied approx. once a monthOptional ventilation fan4" vent at top rear of unit maintains a partial vacuum to ensure odorless operation3-chamber technology: Bio-Drum, evaporating chamber, and finishing drawer	<ul style="list-style-type: none">Can be used off-gridFairly low maintenanceEnd product resembles soil and can be used as a fertilizer	<ul style="list-style-type: none">Fairly large - have to take a step up to sit on itWithout the additional fan, a draft down the vent can cause odors to expel into the homeCannot accommodate large groups of peopleMust keep purchasing/adding peat moss and sawdustNeeds to be manually rotated by turning a crank every few days	<p>Several different models, electric and non-electric, are available. To purchase and get more information, check the Sun-Mar website.</p> <p>The Sun-Mar Excel NE Owner's Manual is available online.</p>
	BTS 33 WATERLESS TOILET	APPROX. \$1,100	<ul style="list-style-type: none">Non electric unitRated at 4 people full-time useEmptied at 3/4 full or every 6 months (whichever comes first)Optional ventilation fanConstant air circulation through ventDrains off any excess liquids through a drain tubeBatch composting system		<ul style="list-style-type: none">Cannot accommodate large groups of people without additional compost binsMust keep purchasing/adding peat moss and sawdustComplaints have been made about the moisture level in the compost chamber	<p>For an in depth specs and information on how to purchase, go to the Biolet website.</p> <p>Several different models, electric and non-electric, are available. To purchase and get more information, check the Biolet website.</p>
COMPOSTING TOILETS: URINE DIVERTING						
	NATURE'S HEAD COMPOSTING TOILET	APPROX. \$960	<ul style="list-style-type: none">Rated at 2-4 people full-time useEmptied approx. 3-4 weeksSeparates liquids and solids with a urine diverter.Liquids must be emptied regularly, solids less frequentlySolids emptied into a garbage bag/ bucket which is then placed somewhere else to finish composting or disposedInstalled fan to ensure continuous air movement and reduce odors	<ul style="list-style-type: none">CompactEasy to maintainInexpensive option for a composting toilet	<ul style="list-style-type: none">Must be seated to useMust purchase/add peat mossEmptying process is involved - have to place a garbage bag over opening and flip upside downCan only accommodate two users full timeMust turn a crank after each useExposed urine tanks in front	<p>For an in depth overview of the toilet and videos explaining prepping, dumping, and other info, click here and here.</p> <p>The Nature's Head Installation Manual and User's Guide is available online.</p>
	C-HEAD	\$609 - \$659				<p>The C-Head website provides in-depth specs and information on how to purchase.</p>
	SEPRETT VILLA 9000	APPROX. \$1,400	<ul style="list-style-type: none">Rated at 4 people full time useEmptied approx. once a monthSeparates liquids and solids with a urine diverterCollects solids in a compostable bag which can disposed of or compostedConcealing view screen is constantly in place - once weight is applied to the seat the screen opens to the solid waste containerFan runs continuously to expel odors and dehydrate solids	<ul style="list-style-type: none">Fairly compactSawdust/moss not requiredCan accommodate large groups of peopleEasy to maintainNo cranking neededEasy to emptyMany positive reviews	<ul style="list-style-type: none">Must be seated to useMust connect liquid hose to either outdoor trench or indoor plumbingMust empty bag 1x/month/person, and trash or compost solid waste bag	<p>Extensively tested at Micro Showcase.</p> <p>Gabriella from Tiny House Build gives an extensive review (and video) based on her experience.</p> <p>The Separett website gives in-depth specs and information on how to purchase.</p> <p>There is a smaller Separett model available for weekend/lower use which you can find here.</p>
COMPOSTING TOILETS: CENTRALIZED						
	SUN-MAR CENTRE 2000 A/F	APPROX. \$2,000	<ul style="list-style-type: none">Electric Unit (370 watt thermostatically controlled heater+ 30 watt vent fan)Rated at 4-6 people full time useEmptied 1-4 times a year (based on full-time occupancy)	<ul style="list-style-type: none">Odorless when maintainedMaintenance is minimalEmptying is simple andWhen emptied, the contents look like soil and can be used as fertilizerCan accommodate large groups	<ul style="list-style-type: none">Uses substantial electricityMust purchase/add peat moss/saw dustExpensiveRequires opening in bathroom floorNeeds to be manually rotated by turning a crank every few daysIf house is moved, tank must be disconnected and transported separately	<p>Macy Miller has done an extensive review based on her experience with this toilet.</p> <p>The Sun-Mar website gives in-depth specs and information on how to purchase.</p>
	SUN-MAR CENTRE 2000 A/F NE	APPROX. \$1,800	<ul style="list-style-type: none">Off grid unit (12V fan only)Rated at 3-5 people full time useEmptied 1-4 times a year (based on full-time occupancy)		<ul style="list-style-type: none">Installation of overflow drain requiredMust purchase/add peat moss/saw dustExpensiveRequires opening in bathroom floorNeeds to be manually rotated by turning a crank every few daysIf house is moved, tank must be disconnected and transported separately	<p>The Sun-Mar website gives in-depth specs and information on how to purchase.</p>
	ENVIROLET WATERLESS REMOTE COMPOSTING TOILET	APPROX. \$2,500	<ul style="list-style-type: none">Off grid unit (non electric)Rated at 4 people full time useEmptied 1-4 times a year (based on full-time occupancy)			<p>The Envirolet website gives in-depth specs and information on how to purchase.</p>
INCINERATING TOILETS						
	INCINOLET MODEL CF	\$1849	<ul style="list-style-type: none">Ashes need to be emptied approx. once a weekUses electric heat to reduce human waste to a small amount of clean ash which is dumped periodically into the garbageUses a bowl liner to capture the waste each use which is then deposited into the bottom of the unit and is burnedVents to the exterior (venting pipe can run horizontally or vertically)Uses 20 amp plug	<ul style="list-style-type: none">Waste immediately removedMore sterile than traditional commodesAesthetically pleasingCompact	<ul style="list-style-type: none">Must show guests how to useWaste must be burned after each use (approx. an hour)Fan noise is significantUses 1-2 kW electricity per useCannot accommodate large groups of peopleMust keep purchasing bowl linersMust empty ash pan 1x/week or more depending on use	<p>Extensively tested at Micro Showcase.</p> <p>The Incinolet website gives in-depth specs and information on how to purchase.</p> <p>It is important to note the temperature and time settings which may be adjusted in the inside of the toilet. Oftentimes when there are complaints made about the effectiveness of the toilet, the settings are not set properly.</p>
THE BUCKET						
	LUGGABLE LOO	APPROX. \$20-\$40	<ul style="list-style-type: none">A wooden box with a toilet seat (or snap on lid) and a 5-gallon bucket insideA garbage bag can be used as a liner for easy disposalAfter each use, a scoop of sawdust is added on topEmptied approx. once a week or sooner	<ul style="list-style-type: none">InexpensiveTransportableCompactSimple	<ul style="list-style-type: none">Must be changed frequentlyMay make guests feel uncomfortableRequires large amount of sawdust to reduce smellsCheck local health and safety regulationsMust carry/empty full buckets once a week	<p>You can purchase a Luggable Loo through the Reliance website and through Amazon.</p>
	LOVABLE LOO	Built + shipped with extras: \$299 DIY: Varies				<p>The Humanure website gives in-depth specs and information on how to purchase.</p> <p>For instructions on how to build one yourself click here.</p>
	DRY FLUSH LAVEO	\$495	<ul style="list-style-type: none">Electric self-contained unit - uses a rechargeable battery pack with optional AC adapterEmptied after approx. 17 usesAfter each use waste is encapsulated and hidden within a liner bagDry Flush's double-layer technology ensures waste is kept out of sight and odors locked inOnce cartridge is full, it gets thrown away	<ul style="list-style-type: none">OdorlessFairly inexpensiveTransportableCompactEasy to maintain and to empty	<ul style="list-style-type: none">Must be changed frequentlyMust keep purchasing expensive refill cartridgesNot environmentally responsible	<p>It can be bought from Home Depot.</p> <p>The Dry Flush website gives in-depth specs, videosx and information on how to purchase.</p>
<div></div> <div>(c) 2015 MicroShowcase.com</div>						