



## Separett® Waterless Toilets

### Designed for homes and cabins:

- Without running water
- Without access to a septic system
- Off or on the grid (12V or 120V)
- Used seasonally or year-around
- That will go cold (below freezing)
- With folks who want to "go green"



### Standard Features:

- Small, energy-efficient fan keeps odors and moisture out of the room
- Impact-resistant high gloss polypropylene material, recyclable
- Solids are concealed from view
- Bucket rotates automatically each time you sit down
- Urine exits toilet for disposal or it can be used as fertilizer
- Child seat (pictured above) provided to meet the whole family's needs



### Extremely low energy use:

Model	Inner Container	Voltage	Power	Electrical Connection	Fan noise	Dimensions
9210	23 litres, PP	12V	0.06kWh/24 hrs	Batt. cable or power adapter	<30dB(A)	17"Wx26"Lx 22"H
9200	23 litres, PP	110-120V	0.35/0.45 kWh/24 hrs	Power cord	41/31dB(A)	17"Wx26"Lx 22"H

### Environmentally Friendly:

The dried or semi-dried solid waste can be:

- composted to become fertilizer
- burned in a woodstove (like a cow paddy)
- disposed in an outhouse
- disposed with solid waste

The urine can be:

- discharged to a small graywater leachfield
- poured into an outhouse
- diluted with water 9 to 1 and spread on a garden, shrubs, flowers, or forest as fertilizer





## Frequently Asked Questions:

### **How often should the toilet be emptied?**

With four people using the toilet daily the container will need to be emptied every 3 to 6 weeks, depending on how much toilet paper is placed in the toilet. The Separett® toilet comes with two reusable containers and one lid.

### **Should the fan operate continuously?**

The fan should be on whenever there are solids in the toilet. The fan keeps odors out of the house and dries the solids. The fan may be turned off when the house or cabin is unoccupied and the solids are removed from the container, or the lid is placed on the container.

### **Is an additional bathroom fan needed?**

All ventilation from the bathroom should go through the continuously running toilet fan. The fan can be connected to an HRV system (contact dealer or CCHRC for details).

### **Are there unpleasant odors indoors?**

If the fan runs continuously there will be no unpleasant odors in the house. Caution: If your house is very airtight and has a negative pressure inside it (could be caused by another exhaust fan), do not use this toilet.

### **Are there unpleasant odors outdoors?**

Because the urine and feces are not mixed, there is no latrine-type odor from a Separett® toilet. Shortly after a toilet is used, a certain amount of odor may be present outdoors. It is best to vent the toilet to the back of the house away from normal outdoor foot traffic. In some cases the toilet can be vented up through the roof.

### **Can toilet paper go into the toilet?**

Toilet paper helps keep the contents of the container dry and allows solids to break apart during disposal or composting, but the plastic bag must be changed more frequently if paper is placed in the toilet.

### **Can the toilet be used in a cold room and be allowed to freeze?**

Yes. Since there is no water and no composting process in the toilet, Separett® toilets are not room temperature dependent. However, plastic may become brittle at low temperatures.

### **Are flies a problem with these toilets?**

Problems with flies are uncommon with Separett® toilets. Flies will be attracted to the exhaust vent and can enter the toilet if the fly screen is not in place inside the toilet. If flies get into the toilet, change or empty the container, clean it thoroughly, and use fly spray on the toilet and container several times during the following week to remove remaining larva.

### **How do I control the buildup of urine salts?**

Separett® Bio-Drain Cleaner tablets contain enzymes that minimize urine salt deposits. Hence, keeping a tablet in the urine funnel will help minimize buildup of urine salts. We also recommend rinsing the urine basin with a cup of water after every few uses.

### **Must I use Separett® bags in the container?**

Biodegradable Separett® bags should be used if you plan to compost the solids (outside the toilet). If you do not plan to compost, then any properly sized plastic bag will do (13-gal or 24"x24"). If you plan to burn the solids, consider a paper liner inside the plastic bag.

### **Can men pee into the toilet while standing?**

No, because doing so will result in some urine getting into the solids container. A separate urinal should be used.

*Available in Alaska from:  
Lifewater Engineering Company  
1-866-458-7024*