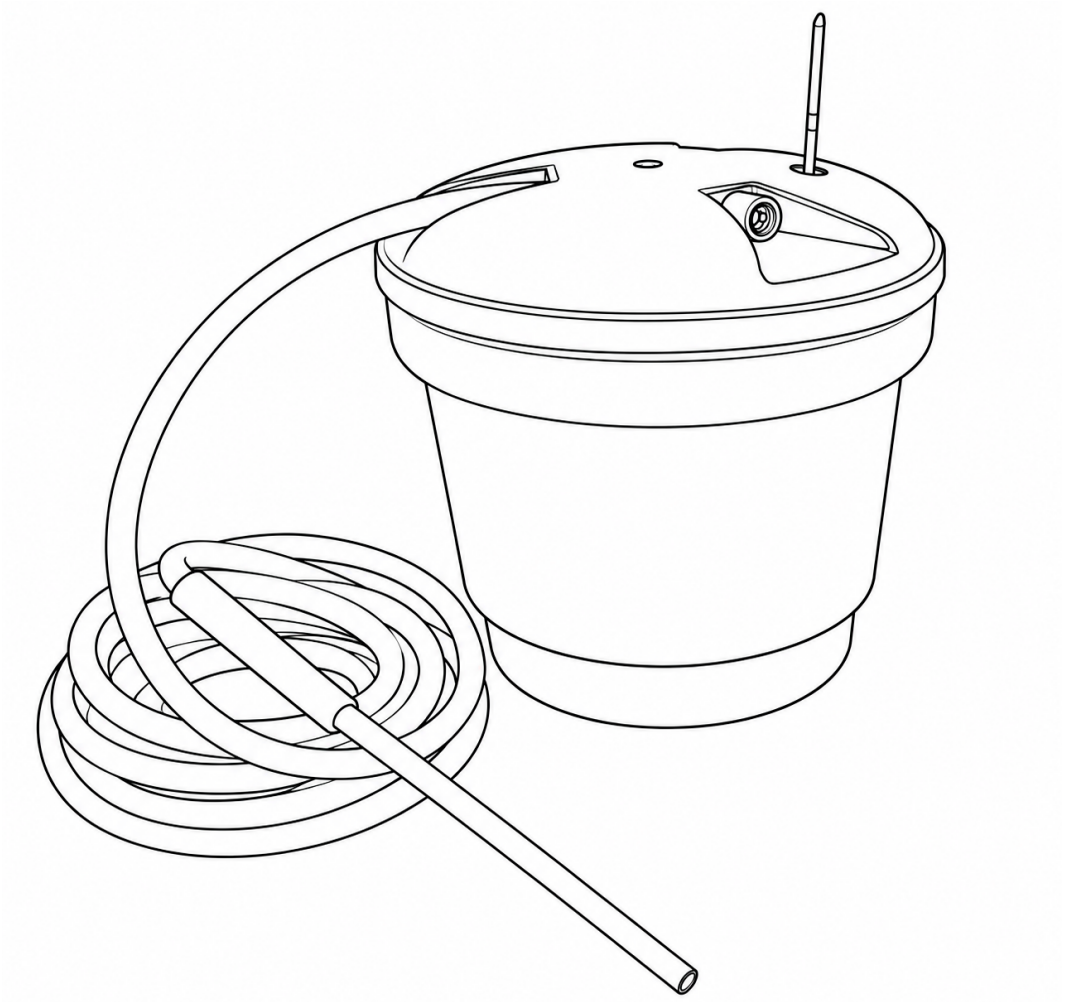
Art. No 1013

MADE IN
SMÅLAND
SWEDEN



EJECTORTANK

Användar- och installationsmanual | Käyttö- ja asennusopas
Bruker- og installasjonsmanual
User and installationmanual | Benutzer- und Installationshandbuch
Gebruikers- en installatiehandleiding | Manuel d'utilisation / d'installation
Manual de uso e instalación | Návod k použití a instalaci

At Separett, we have been developing toilet solutions that do not depend on access to water or sewage systems for over 50 years. Our vision is to provide modern toilet comfort that helps protect clean water—wherever you are.

Today, our toilet solutions make life easier for hundreds of thousands of people around the world. It is very important to us that the solution you have chosen is of high quality, is reliable, and requires minimal maintenance.

This user manual contains all the information you need to install and use your product correctly!

Save your receipt

Place your receipt here

Separett® AB
Svetsgatan 1 | SE-333 93 Skeppshult
Info@separett.com | www.separett.com

Separett® Inc
2500 Regency Parkway, Suite 215 | Cary, North Carolina 27518
contact.us@separett.com | www.separett.us

Separett® GmbH
Vahrenwalder str. 205 | 30165 Hannover, Deutschland
infode@separett.com | www.separett.com

Separett® Oy
Alikeravantie 80 A 13 | 04260 Kerava, Suomi
Infofi@separett.com | www.separett.com

Warranty

The Separett Ejectortank is covered by a 2-year commercial manufacturer's warranty from the original delivery date when purchased and used by a consumer for normal private use.

If the product is used in commercial operations, the warranty period is 1 year from the original delivery date.

No commercial manufacturer's warranty applies if the product has been used in any form of rental operation.

This warranty is provided by Separett AB as the manufacturer. For complete warranty terms and further information, please visit www.separett.com.

Statutory Rights

This commercial warranty is provided in addition to any statutory rights you may have under applicable law. It does not replace, restrict, or reduce any mandatory rights or remedies you may have against the seller, distributor, or other responsible party under applicable consumer law. Your statutory rights may vary depending on the country or market in which the product was purchased.

Conditions for Warranty Coverage

Warranty coverage applies only if:

- The product has been correctly installed, assembled, connected, used, cleaned, and maintained in accordance with Separett's instructions, specifications, and intended use.
- The product has been used with normal care and within its recommended capacity.
- The water supply, hose connections, hose routing, and installation height differences comply with Separett's instructions.
- The tank, ejector unit, and connected hoses have been drained and protected against freezing in accordance with Separett's instructions.
- The warranty claim is submitted within a reasonable time after the fault is discovered.
- Valid proof of purchase is provided.
- The installation and reported fault are documented with clear photographs, videos, or other information requested for assessment.
- All information provided in connection with the warranty claim is accurate and complete.

Warranty Claims and Remedies

If a fault is confirmed as being covered by the warranty, the appropriate warranty remedy will be determined in accordance with these warranty terms and any applicable product-specific warranty terms.
For the Ejectortank, the warranty normally includes troubleshooting support and provision of the replacement part required to correct the warranty-covered fault.

Where the affected part is suitable for customer replacement, Separett will provide instructions for replacing it. The commercial manufacturer's warranty does not include a general commitment by Separett to repair the product, arrange service by a technician, or replace the entire product.

Warranty claims should normally be submitted through the seller or distributor from whom the product was purchased, unless otherwise instructed by Separett or the local distributor.

A product or part must not be returned before return or service instructions have been provided.

Coverage Limitations

The warranty does not cover:
- Normal wear and tear.
- Normal corrosion.
- Cosmetic defects, surface marks, discoloration, or changes in finish that do not affect the function of the product.
- Consumables or parts requiring replacement due to normal wear, unless otherwise stated.
- Routine cleaning or removal of urine deposits, mineral buildup, or other blockages.
- Damage caused by incorrect installation, assembly, or connection, including unsuitable hose connections or incorrectly routed hoses.
- Operating problems caused by insufficient water pressure, restricted water flow, blocked or kinked hoses, or height differences outside the product's operating requirements, where no product defect is present.
- Damage caused by improper use, misuse, negligence, or lack of normal care.
- Damage caused by use outside the product's intended purpose or recommended capacity, including the introduction of unsuitable waste, liquids, chemicals, or foreign objects.
- Damage caused by failure to clean or maintain the tank, ejector nozzle, suction pipe, hoses, or connections in accordance with Separett's instructions.
- Damage caused by freezing, including cracks or ruptures in the tank, ejector unit, hoses, or connections.
- Damage caused by continued use after a fault has been discovered.
- Damage caused by unauthorized modification, repair, or service where this has caused or contributed to the fault.
- Damage caused by the use of non-original parts or non-approved accessories.
- Damage caused by external events such as fire, flooding, extreme weather conditions, pests, vandalism, or accidents.
- Damage caused by abnormal external influence, impact, crushing, or excessive mechanical strain on the tank or its connections.
- Shipping or transport damage.
- Installation, removal, or reinstallation costs, third-party troubleshooting, or other costs not approved in advance.
- Products used in rental operations.
- Products for which the purchase cannot be verified with valid proof of purchase.

The Ejectortank requires sufficient incoming water pressure to draw urine from the tank and discharge the diluted mixture. The minimum recommended pressure is 2.0 bar (200 kPa / approximately 29 psi), with higher pressure needed for greater elevation differences between the tank and the discharge point. Failure to empty due to unsuitable water-supply or installation conditions does not, by itself, constitute a product defect. Read more about how water pressure affects dilution on page 7.

Shipping or transport damage is not covered by the product warranty and should be reported to the seller, distributor, or carrier in accordance with the applicable delivery terms.
Separett reserves the right to make a professional assessment of whether a reported fault is covered by the manufacturer's warranty, without affecting the customer's statutory rights.

Faults Outside the Warranty

If a fault is determined not to be covered by the warranty, the seller, distributor, Separett, or an authorized service partner may offer a cost estimate for spare parts, repair, or another corrective measure.
No paid repair, replacement, or service will be carried out without the customer's approval.

Applicable Local Terms

Local laws, statutory consumer rights, and market-specific warranty terms may apply in addition to these warranty terms.

If mandatory local law provides the customer with rights that exceed or differ from the terms stated above, those mandatory rights remain unaffected.

Safety instructions



IMPORTANT SAFETY INSTRUCTIONS

READ THE INSTRUCTIONS CAREFULLY BEFORE USE. THE MANUFACTURER IS NOT RESPONSIBLE FOR PERSONAL INJURY OR OTHER DAMAGE RESULTING FROM INCORRECT INSTALLATION OR IMPROPER USE. KEEP THIS USER MANUAL FOR FUTURE REFERENCE!

Safety

Use the Separett Ejectortank only for its intended purpose and in accordance with the installation and user instructions. Ensure that all users understand how to operate it safely.

Children must not operate or play with the product without adult supervision. Anyone who cannot safely operate the product independently must receive appropriate assistance.

Keep packaging materials out of reach of children and dispose of them properly.

WARNING!

Do not use the Ejectortank if it is damaged, leaking, or not functioning properly. Turn off the water supply before inspecting, cleaning, disconnecting, or replacing any parts.

Do not stand, sit, or climb on the tank. Keep the lid securely fitted.

Installation and Operation

Use the water pressure, hose dimensions, connections, and hose routing specified in the user manual. Incorrect installation or insufficient water pressure may cause the tank to fill with water instead of emptying.

Ensure that the water-supply connection complies with applicable local requirements, including any required protection against backflow.
Route hoses so that they are protected from damage and do not create a tripping hazard.

Avoid contact with urine and the discharged mixture. Do not direct the discharge toward people or animals. Wash your hands after handling or maintaining the product.

Inspection and Maintenance

Check regularly that:
- The tank and lid are intact.
- Hoses and connections are secure and do not leak.
- Seals and gaskets are intact.
- The ejector nozzle, suction pipe, and hoses are clean and free from blockages.
- Hoses are not kinked, crushed, or otherwise damaged.

Clean and maintain the product in accordance with Separett's instructions.

Frost Protection

Protect the Ejectortank and its components from freezing. Before freezing conditions occur, drain the tank, ejector unit, and connected hoses in accordance with the user manual. Liquid remaining in the ejector unit may freeze and cause damage.

Intended Use

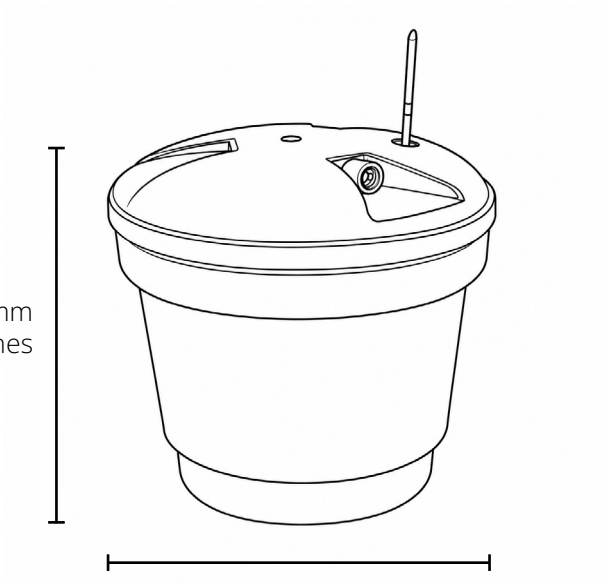
The Ejectortank is intended to collect source-separated urine and dilute it with water for use as fertilizer in accordance with Separett's instructions and applicable local requirements.

Do not introduce feces, toilet paper, solid waste, or other materials not intended for the product.

Do not modify the product in a way that changes its specifications or compromises its safety or function.

Technical Data

Measurements



Material
Tank and lid: Polypropylene (PP).
Separate components for recycling in accordance with local requirements.

Volume
Approximately 50 litres / 13.2 US gallons.

Measurements
Height: 465 mm / 18.3 inches.
Diameter: 475 mm / 18.7 inches.

Mixing ratio
Approximately 1 part urine to 8 parts water at 2 bar. See the dilution guide on page 7.

Water supply
Minimum recommended water pressure: 2.0 bar / 200 kPa / approximately 29 psi.

Higher water pressure is required when the mixture is discharged at a greater height above the tank.

Connections and hoses
Urine inlet in lid: Suitable for a Ø32 mm urine hose.
Water supply: Connection for a ½-inch garden hose.
Discharge hose: 10 metres / approximately 33 feet, ¾-inch diameter, with spray nozzle.

Electrical connection
Not required.

Function

How the Ejectortank works

The Ejectortank uses water pressure to draw urine from the tank through a suction pipe. Inside the ejector unit beneath the lid, the urine mixes with water before flowing through the discharge hose.

At a water pressure of 2 bar, approximately eight litres (2.11 US gallons) of water are used for each litre (4.23 US cups) of urine. The mixing ratio varies with water pressure; see page 7. The diluted mixture can be used as garden fertilizer where permitted by local regulations.

IMPORTANT! The dilution process does not disinfect the urine. Follow local requirements for handling and using urine as fertilizer.

Level indicator

The float-operated level indicator rises as the tank fills.

When the indicator reaches the red marking, approximately 5 litres (1.3 US gallons) of capacity remain before the tank overflows. This is roughly equivalent to 10–15 toilet visits, depending on the volume per visit. Empty the tank promptly.

IMPORTANT! The level indicator does not stop incoming urine. Check it regularly to prevent overflow.

Installation

Parts supplied

The Ejectortank is supplied with:
- Tank and lid with ejector unit.
- Float-operated level indicator.
- Connector for a ½-inch garden hose.
- A 10-metre (33 ft), ¾-inch discharge hose with spray nozzle.

Choosing a location

Position the Ejectortank so that the urine hose from the toilet has a continuous downward slope along its entire length. Avoid low points where urine can collect.

Place the tank on a stable surface and leave sufficient access to the lid, connections, and level indicator.

The tank can be partially buried with the lid remaining above ground and accessible. It does not need to be moved for normal emptying or cleaning.

IMPORTANT! Consider both the length of the discharge hose and the height of the area where the mixture will be spread when choosing the tank's location.

Connecting the urine hose

Connect the toilet's urine hose to the inlet in the tank lid. The inlet is designed for a Separett Ø32 mm hose.

Follow the installation instructions for the connected toilet, including any requirements concerning ventilation and sealing of the urine pipe.

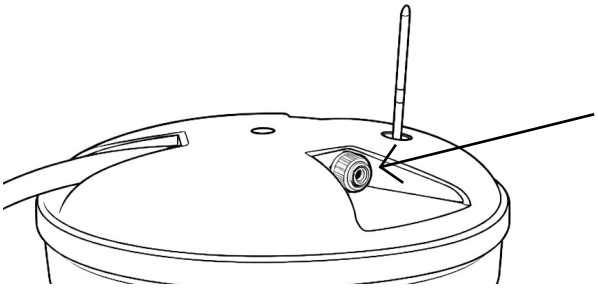
When the tank is connected to a ventilated toilet such as the Villa or Tiny, the toilet's ventilation draws air from the tank through the urine hose. The connection at the tank therefore does not need to be airtight in this arrangement.

Connecting the water supply

Connect a ½-inch garden hose to the water inlet using the supplied connector. Depending on the market, the tank is equipped with either a quick-connect fitting or a standard ½-inch garden hose connector.

Check that the connections do not leak.

IMPORTANT! If the diluted urine is to be used on plants, the minimum required water pressure is 2 bar / 29 psi. We recommend at least 2.5 bar / 36 psi to achieve a urine-to-water ratio of 1:10. Read more about water pressure and see the dilution chart on the next page.



Connect a ½-inch garden hose here

Positioning the discharge hose

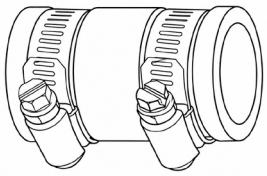
Uncoil the discharge hose and check that it is not kinked, crushed, or blocked.

Keep the spray nozzle as close to tank level as practical. Raising the nozzle increases the water pressure needed for emptying. Read more about the additional pressure required on the next page.

Extending the discharge hose

The supplied 10-metre discharge hose can be extended to a maximum total length of 20 metres / approximately 66 feet.

Use only a ¾-inch extension hose and a connector that does not reduce the internal flow passage. Secure the connection with suitable hose clamps. See the example to the right.



Do not use standard garden-hose quick connectors to join the discharge hose sections, as these may restrict the flow too much.

If necessary, soften the hose end with warm water to remove the spray nozzle before fitting the extension.

IMPORTANT! A restricted or excessively long discharge hose can prevent the tank from emptying correctly.

Use

Water Pressure, Dilution, and Use

The Ejectortank mixes urine with water. Water pressure affects dilution: lower pressure produces a more concentrated mixture, while higher pressure produces a more diluted mixture.

The following approximate values were measured in our tests:

Water pressure	Urine-to-water ratio	Use
1 bar / 14.5 psi	1:4	For watering compost only. Do not use on lawns or plants. Avoid making the compost too wet.
2 bar / 29 psi	1:8	For cautious fertilization of established lawns and established outdoor plants with high nutrient requirements growing in the ground. We recommend increasing the pressure to at least 2.5 bar to achieve a 1:10 ratio.
3 bar / 43.5 psi	1:12	For fertilizing established lawns, perennials, and vegetable crops growing in the ground that need nitrogen.

The mixing ratio indicates one part urine to the specified number of parts water. For example, 1:12 means one part urine and twelve parts water.

These values are approximate and apply under the test conditions. Hose length, elevation difference, and available water flow can affect both emptying and dilution.

Hose Length

The discharge hose is a standard garden hose with a nominal diameter of 19 mm / ¾ inch.

Extending the hose from 10 metres / 33 feet to 20 metres / 66 feet slightly increases resistance. In our tests, approximately 0.1 bar / 1.45 psi of additional pressure was needed to achieve the same mixing ratio as with a 10-metre hose.

Watering Uphill

For every vertical metre / 3.3 feet that the hose outlet is positioned above the ejector, back pressure increases by approximately 0.1 bar / 1.45 psi. This corresponds to approximately 0.03 bar / 0.43 psi per vertical foot. What matters is the elevation difference, not the length of hose running along the slope.

How to Use the Mixture

Apply to moist soil during active growth. Distribute the mixture evenly over the ground, avoiding leaves and edible plant parts. Preferably, water the lawn with clean water afterwards.

Adjust the amount and frequency of fertilization to the plants' needs. Adding more water reduces the concentration but does not reduce the total amount of nutrients supplied by the tank.

These recommendations do not apply to seedlings, newly seeded lawns, or potted plants, which require specifically tailored, more diluted fertilizer applications.

Before use

1. Check the tank, lid, hoses, and connections for damage or leaks.
2. Check that the level indicator moves freely.
3. Ensure that the urine hose slopes continuously toward the tank.
4. Check that the discharge hose is clear and correctly connected.
5. Ensure that the water supply meets the required pressure.

Emptying the tank

1. Connect the water-supply hose to the tank.
2. Fully uncoil the discharge hose and straighten any kinks.
3. Position the spray nozzle in the area where the mixture will be spread.
4. Turn on the water supply.
5. Check that the mixture flows from the nozzle and that the level in the tank falls.
6. Move the nozzle as needed to distribute the mixture over the intended area.
7. When the tank is empty, a slurping sound can normally be heard.
8. Flush the ejector unit as described under “Cleaning and maintenance.”
9. Turn off the water supply after emptying and cleaning.

IMPORTANT! If the tank fills instead of emptying, turn off the water supply and follow the troubleshooting instructions.

A small amount of liquid remains at the bottom after emptying. This is normal because the suction pipe does not reach all the way to the bottom, helping to reduce the risk of blockages.

Cleaning and maintenance

Cleaning after emptying

Flush the ejector unit and suction pipe after each emptying to help remove urine deposits.

1. Leave the water supply running after the tank has emptied.
2. Briefly restrict the flow from the discharge hose as described below.
3. The clean water will flow back through the ejector unit and suction pipe into the tank.
4. Release the restriction so that the cleaning water is drawn out through the discharge hose.
5. Turn off the water supply when finished.

To briefly restrict the outlet, bend the discharge hose or press the spray nozzle against the lawn. Release the restriction promptly once the ejector unit has been flushed.

IMPORTANT! Restricting the outlet is only part of the brief cleaning procedure. Do not leave the water supply running with the outlet blocked, as the tank will fill with water.

Regular maintenance

Check the ejector nozzle and suction-pipe opening regularly for deposits. Clean them if the flow becomes restricted.

Keep the level indicator and float clean so that they can move freely. Check hoses, seals, and connections, and replace damaged parts when necessary.

Turn off the water supply before removing any components.

Winter storage

Where there is a risk of freezing, prepare the Ejectortank for winter as follows:

1. Empty the tank.
2. Flush the ejector unit and suction pipe as described under “Cleaning and maintenance.”
3. Draw out the cleaning water.
4. Turn off and disconnect the water supply.
5. Drain the discharge hose as thoroughly as possible.
6. Remove and store the ejector unit frost-free.
7. Arrange an alternative approved urine collection solution if the toilet will remain in use.

WARNING! Liquid remaining inside the ejector unit can freeze and damage it. Emptying the tank alone does not protect the ejector unit against frost.

The small amount of diluted liquid remaining at the bottom after normal emptying and flushing can be left in the tank. This does not remove the need to drain the hoses and protect the ejector unit from freezing.

Waste handling

IMPORTANT! Always check with your local environmental authority to find out which rules apply to urine collection and use as fertilizer. Follow local regulations.

The Ejectortank mixes source-separated urine with water for spreading in the garden. Dilution depends on water pressure and installation conditions; see the guide on page 7.

Use the mixture only in permitted locations and in quantities appropriate for the plants and soil. Avoid runoff into drains, watercourses, or neighbouring properties.

A faint urine smell may occur during spreading and normally dissipates shortly afterwards.

Troubleshooting

If the tank fills instead of emptying

1. Turn off the water supply, then check the following:
2. Is the incoming water pressure at least 2 bar / 200 kPa / approximately 29 psi? At least 2.5 bar / 250 kPa / approximately 36 psi is recommended for a 1:10 ratio. More pressure may be needed for your installation.
3. Is the water-supply hose kinked or otherwise restricting the flow?
4. Are the ejector nozzle and suction-pipe opening free from deposits?
5. Is the discharge hose kinked, blocked, or crushed?
6. Is the spray nozzle positioned too high above the tank?
7. Has the discharge hose been extended beyond 20 metres?
8. Have smaller hoses or restrictive connectors been fitted to the discharge hose?

Clean the ejector unit if necessary and correct any installation problems before trying again.

If water flows from the nozzle but the urine level does not fall

1. Check that sufficient water pressure is available.
2. Check that the suction pipe is connected and its opening is not blocked.
3. Lower the spray nozzle and straighten the discharge hose.
4. Flush and clean the ejector unit.

If the level indicator does not move

1. Check the actual liquid level in the tank.
2. Check that the float and indicator are not obstructed.
3. Clean any deposits that prevent free movement.
4. Do not continue relying on an indicator that is stuck, as the tank may overflow.

If liquid remains at the bottom

A small residual amount is normal. The suction pipe intentionally stops above the bottom of the tank.
If a larger amount remains, check the water pressure, ejector unit, suction pipe, and discharge hose.

If a connection leaks

Turn off the water supply. Check that the connector is compatible and correctly fitted, that any seal is intact, and that the hose is securely attached.

Replace damaged components before using the product again.

Contact us

Documentation and support

Visit www.separett.com, or www.separett.us for the U.S. market, for product information and support.

If the product still does not work after following the troubleshooting instructions, contact the seller or distributor from whom it was purchased.

To help us assess the problem, provide your proof of purchase, a description of the fault, and clear photographs of the tank, water connection, urine hose, and discharge hose installation.