PREMIER TECH

Installation guide and owner's manual

REWATEC™

Septic tanks



Certified to
BNQ 3680-905

2026
Item #182065

This guide contains information regarding the installation, usage, maintenance, and warranty of Premier Tech's septic tanks, as certified according to BNQ 3680-905 and CSA B66:21 standards. Any change or alteration made to Premier Tech's septic tanks will invalidate their certification. In these cases, Premier Tech Water and Environment reserves the right to void the warranty.

For additional information, contact Premier Tech at 1-800-632-6356.

1. Technical data



Material

Medium-density polyethylene (MDPE) plastic

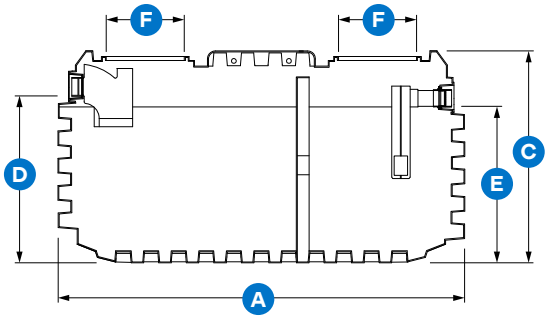
Certifications

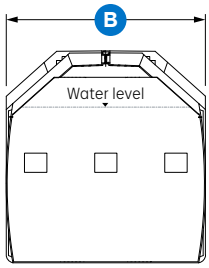
- **CSA (Canadian Standards Association) CSA B66:21:**
  Models PST-280, PST-340, PST-390, PST-500, and PST-660
- **BNQ (Bureau de Normalisation du Québec) NQ 3680-905:**
  Models PST-280, PST-340, PST-390, PST-440, PST-500, and PST-660

Characteristics

Models	PST-280	PST-340	PST-390	PST-440	PST-500	PST-660
Total nominal capacity	2,800 L 740 gal	3,400 L 900 gal	3,900 L 1,030 gal	4,400 L 1,160 gal	4,800 L 1,270 gal	6,650 L 1,760 gal
Liquid capacity	2,260 L 600 gal	3,000 L 800 gal	3,300 L 880 gal	3,700 L 975 gal	4,100 L 1,080 gal	5,800 L 1,530 gal
Total length (A)	2,495 mm 98"	3,035 mm 119-1/2"	3,320 mm 130-1/2"	3,777 mm 148-3/4"	2,920 mm 115"	3,965 mm 156"
Total width (B)	1,250 mm 49-1/4"	1,250 mm 49-1/4"	1,250 mm 49-1/4"	1,250 mm 49-1/4"	1,330 mm 52-3/8"	1,330 mm 52-3/8"
Total height (C)	1,330 mm 52-3/8"	1,330 mm 52-3/8"	1,330 mm 52-3/8"	1,330 mm 52-3/8"	1,720 mm 67-3/4"	1,720 mm 67-3/4"
Inlet height* (D)	1,055 mm 41-1/2"	1,055 mm 41-1/2"	1,055 mm 41-1/2"	1,055 mm 41-1/2"	1,400 mm 55-1/8"	1,400 mm 55-1/8"
Outlet height* (E)	980 mm 38-1/2"	980 mm 38-1/2"	980 mm 38-1/2"	980 mm 38-1/2"	1,320 mm 52"	1,320 mm 52"
Diameter of openings (F)	470 mm 18-1/2"	470 mm 18-1/2"	470 mm 18-1/2"	470 mm 18-1/2"	470 mm 18-1/2"	470 mm 18-1/2"
Approximate weight**	165 kg 364 lb	185 kg 408 lb	198 kg 435 lb	210 kg 463 lb	265 kg 584 lb	325 kg 717 lb

* Pipe invert.
** Weights indicated are approximate and not binding (for handling and lifting purposes only).
Note: The characteristics can be modified at any time.





All gallon measurements are in **US gallons**.

2. Sizing and location

For residential systems, determine the size of the septic tank required according to the number of bedrooms in the home. To determine which model of tank is required, refer to the regulations or standards that apply in your region, state, province, or country (the same applies for the installation).

To improve the performance of any septic installation and extend the life of the treatment system, we recommend using a larger septic tank than that prescribed. This also allows for the eventual addition of extra bedrooms without having to replace the existing septic tank.

Location standards

Please refer to your local regulations for minimum distances.

3. Operation guidelines







The following recommendations are intended to ensure the optimum treatment efficiency and operation of your septic installation as well as maintain it in proper working order.

Do NOT discharge any of the following substances into the septic tank:

- oils and greases (engine oil, cooking oil, etc.)
- wax and resins
- paints and solvents
- any kind of petroleum product
- any kind of pesticide
- any kind of septic tank additive
- any kind of toxic substance
- anything not easily biodegradable (for instance, coffee beans, cigarette butts, sanitary napkins, tampons, condoms, cotton swab, etc.)

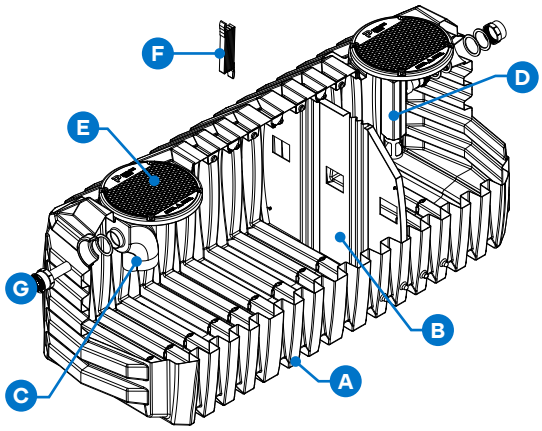
It is important that all parties involved (installer, landscaper, owner, snow removal service, etc.) comply with the following guidelines:

- Never install a septic tank in a place where the groundwater table can reach its base (otherwise, drain pipes could be required).
- Never install a septic tank in clay-like soil.
- The profile of the lot must be such that surface run off flows away from the septic system.
- The septic tank must be watertight and be used for disposal of domestic wastewater only.
- Never connect a drain pipe, roof gutter, sump pump, or air conditioning drain to your septic system.
- Never cover or bury the access lids of the septic tank. They must to be accessible for maintenance and emptying.
- Respect the minimum distances prescribed by regulations.
- Backfill thickness over the septic tank must not exceed 900 mm (36”).
- Never enter the septic tank.
- Install the septic tank where there is no motorized traffic.
- Never drive vehicles or place objects weighing over 200 kg (450 lbs) within 3 m (10’) of the lids.
- Never place excess weight within 3 m (10’) of the system, including piled snow, soil, or heavy equipment. The added weight could damage the tank.
- Never discharge a water softener backwash into your septic system.
- Never discharge spa or pool backwash into any of the components of your septic system.
- Never discharge water from a recreational vehicle (camping trailer, caravan, etc.) into any of the components of your septic system.
- Never use an automatic bowl cleaner.
- The home must be equipped with an air vent that is in proper working order and that complies with the applicable standards.
- Ensure rapid growth of vegetation to prevent soil erosion.

4. Components of the septic tank

At delivery, make sure all the following components are included:

A	1 polyethylene tank
B	1 baffle
C	1 T-type inlet device
D	1 PL-122 effluent filter
E	1 lid for each access fastened with lag screws
F	1 strap fixed on top of the tank for handling purposes
G	1 copy of the installation guide and owner's manual



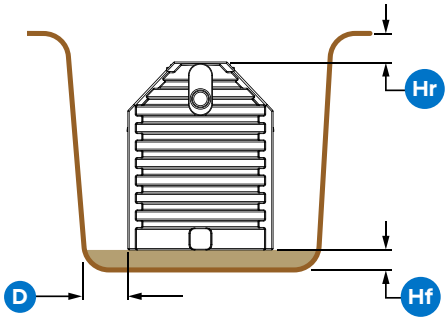
5. Installation procedure

Step 1 – Excavation

Specific requirements

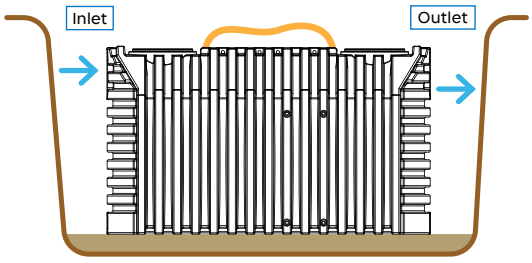
- Maximum thickness of backfill covering the septic tank: Hr ≤ 900 mm (36").
- Excavation clearance to the tank: D ≥ 300 mm (12") on all sides.
- Minimum thickness of bedding (Hf): 150 mm (6") in loose soil or 300 mm (12") in bedrock.

Note regarding the bedding: Use well-compacted, levelled gravel or sand, Ø 0-20 mm (0-3/4").



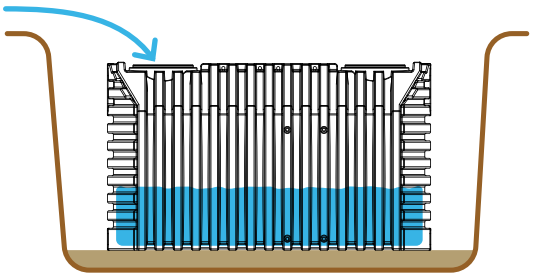
Step 2 – Bedding preparation and tank placing

- Thoroughly level and compact the bedding.
- Use the strap on top to guide the tank as it is lowered onto the excavation floor.
- Position the tank on the excavation floor, making sure it sits level.
- Check the direction of the flow. The inlet should be higher than the outlet. Arrows near the inlet and outlet indicate the direction of flow.



Step 3 – Connecting the septic tank

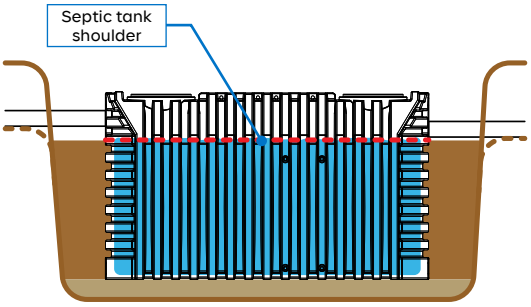
- Fill the septic tank with water.
- While filling the tank, connect the plumbing to the inlet and outlet.
- All septic tanks must be ventilated by an air duct at least 100 mm (4") in diameter or be connected to the air duct of the residence.



Step 4 – Initial backfill

- Backfill until you reach the tank shoulder (water level inside the septic tank).
- It is important that the backfill material be deposited, not dumped. Using a bulldozer for this step is not recommended.
- The backfill material must not contain organic matter, impervious soil, stones, debris, particles larger than 20 mm (3/4"), or any object that could damage the septic tank.

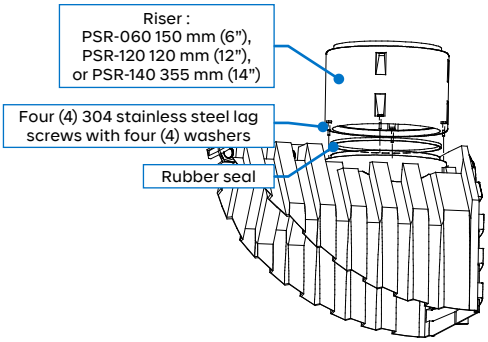
Important: Backfill evenly on each side of the holding tank.



Step 5 – Riser installation

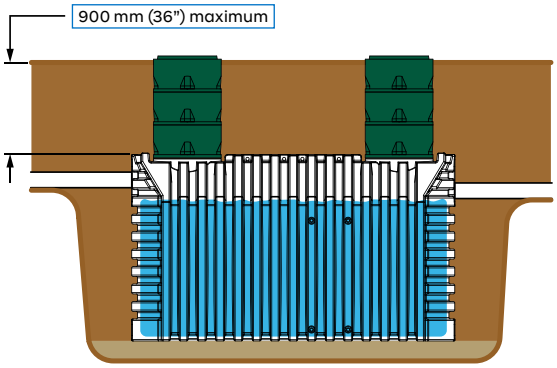
When risers are required, proceed as follows:

- Clean the rim of the septic tank access (where the four lag screw holes are located).
- Place the rubber seal on the access rim.
- Place the riser, aligning the holes in the base of the riser with the holes of the access rim.
- Tighten the riser in place by using the four lag screws and washers provided for this purpose.



Step 6 – Final backfill

- Finish filling the septic tank with water.
- Backfill up to the desired height.
- The thickness of the backfill over the septic tank must not exceed 900 mm (36").
- If necessary, use PSR-060, PSR-120, or PSR-140 risers.
- Secure the lids on the septic tank or the risers with the supplied lag screws.



6. Maintenance

6.1 Maintenance of the septic tank

The septic tank should be inspected and emptied regularly. For example, septic tanks in Québec must be emptied every two (2) years for primary residences and every four (4) years for secondary residences. In the case of a municipal or county by-law governing septic tank emptying, you must consult your local regulations for prescribed inspection and emptying frequency. Your septic tank may also need to be emptied according to the scum or sludge level in the system. Once the septic tank is emptied and the effluent filter cleaned (if needed), fill the septic tank with water.

Note: Homes with garbage disposals or sewage pumps may fill their septic tank faster. As such, we recommend emptying their septic tanks more frequently.

6.2 Maintenance of the effluent filter

Your septic tank's effluent filter accumulates solids. Over time, it can become saturated and affect the tank's performance. We recommend inspecting the filter once a year and cleaning it every time you empty your septic tank. Depending on your water usage and type of establishment, you may need to inspect and clean it more frequently.

Main steps

Step 1: Remove the two (2) septic tank access lids.

Step 2: Lower the level in both chambers of the tank or empty them, if required.

Step 3: Pull out the filter cartridge. Wear protective gloves to handle the cartridge.

Step 4: Hold the cartridge over the first chamber of the septic tank and clean it with a water jet.

Step 5: Reinsert the cartridge into the filter, fill the septic tank with water if required, and put the lids back on.

Step 6: Tighten each lag screw on the lids.

7. Troubleshooting



7.1 Flooding

Certain sites are prone to flooding or to rises in groundwater levels. This can lead to a malfunction in your system or alter the performance of your treatment system. If this happens, contact Premier Tech.



7.2 Backflow

Backflow rarely occurs in residential septic systems. If it does, the effluent filter may be saturated and need cleaning.

Have the septic tank emptied before cleaning the effluent filter. If the backflow is caused by the septic tank or associated piping, have them checked to make sure they are not blocked. If there's still backflow, have your treatment system checked by a wastewater treatment expert.

7.3 Odours

All septic systems generate gases and odours. The position of the air vent, as well as other factors unrelated to your treatment system, can prevent septic gases from dispersing properly and lead to odours. If this happens, contact Premier Tech.

7.4 Winter closing of residences

If you close your residence (i.e. close the circuit-breaker) during a potential freezing period, you must contact Premier Tech to help establish the appropriate procedure. In doing so, you will ensure a longer life for your septic tank.

For any questions, please contact Premier Tech at 1-800-632-6356.

PREMIER TECH

PT Water and Environment

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Appendix | Certificate of warranty for the Rewatec™ septic tanks

1. PREAMBLE

Premier Tech Technologies Ltd. (hereinafter called "Premier Tech") is proud to provide its customers with the present warranty on the high performance Septic Tanks PST-280, PST-340, PST-390, PST-420, PST-440, PST-500 or PST-660 (hereinafter called "Septic Tank").

For the purposes of this warranty, "Customer" shall mean the person who has acquired a Septic Tank (hereinafter called "Initial Purchaser") as well as any subsequent purchaser (hereinafter called "Subsequent Purchaser(s)"), according to the dispositions of section 8 of this present warranty. "Successor(s)" shall mean any other person entitled to exercise Customer's rights under the law.

2. NATURE OF THE WARRANTY

The following warranty is conditional to and only applies if the Septic Tank has been installed according to the installation, maintenance and operation instructions as described in the Installation Guide/Owner's Manual.

2.1 Polyethylene reservoir

Premier Tech warrants the Septic Tank's polyethylene reservoir (parts and labour) against any manufacturing defect for a period of five (5) years from the date of purchase by the Initial Purchaser (proof of purchase required).

2.2 Other components

Premier Tech also warrants all other components of the Septic Tank (parts and labour) against any manufacturing defect for a period of two (2) years from the date of purchase by the Initial Purchaser (proof of purchase required).

This conventional warranty is given by Premier Tech to its customers in addition to the legal warranties and is expressly limited to the text of this certificate.

3. NOTICE

For this warranty to be valid, the Customer must notify Premier Tech in writing immediately upon the appearance of any indication of an anomaly or irregularity in the design or the operations of the septic Tank.

Such notice must be given by mail to Premier Tech's head office at 1, avenue Premier, Rivière-du-Loup, Québec, G5R 6C1, CANADA or by facsimile at (418) 862-6642.

Upon receipt of this notice, Premier Tech will examine the situation and, if necessary, take appropriate corrective measures in accordance with the terms of the present warranty.

4. GENERAL EXCLUSIONS

The following charges, damages or problems are excluded from the warranty:

a) Any septic Tank emptying charges incurred to execute the present warranty. These charges will be assumed by the Customer at the rate in force at the time of the execution of the present warranty;

b) Any transportation and shipping charges incurred to execute the present warranty. These charges will be assumed by the Customer at the rate in force at the time of the execution of the present warranty;

c) Any damage or problem caused by a fortuitous event or "force majeure", such as, without limiting the generality of the foregoing, earthquake, flood, freeze, hurricane, landslide, explosion or dynamiting;

d) Any damage or problem caused by the fault or act of a third party;

e) Any damage or problem arising from a defective installation of the Septic Tank and/or of the products located upstream or downstream from the septic tank;

f) Any damage or problem arising from any installation, modification, correction or addition to the treatment system carried out after installation of the Septic Tank without Premier Tech's prior written approval;

g) Any damage or problem if it is demonstrated that the installation, maintenance and use of the Septic Tank have not been done in accordance with the instructions and guidelines described in the Installation Guide/Owner's Manual;

h) Any damage or problem caused by the fault or action of the Customer or Customer's Successors;

i) Any damage or problem, if it is found that the Customer or its Successors have modified or changed the use of the property served by the Septic Tank resulting in the alteration of the nature or quality of wastewater being treated and/or that constitutes a violation of the applicable regulations;

j) Any damage or problem caused and/or resulting of the works performed in order to access to the Septic Tank, including, without limiting the generality of the foregoing, excavation, snow-removal or demolition

5. PARTICULAR EXCLUSIONS

It is further expressly understood that the Customer may not carry out or cause to be carried out any repair or verification of the Septic Tanks sold, or attempt to carry out any work or to apply any corrective measures whatsoever to said work, before notifying Premier Tech in accordance with the provisions of section 3 of this warranty and before Premier Tech has visited the site, within a reasonable time following receipt of said notice, in order to acknowledge the situation.

If the installation is not performed by an installer trained by Premier Tech Water and Environment or if the Customer carries out or causes to be carried out repairs, or attempts to repair or to apply corrective measures of any kind whatsoever to the Septic Tanks sold, without prior authorization by Premier Tech, this warranty shall be considered null and void and Premier Tech shall be considered completely discharged from any and all of its obligations under this warranty.

6. INDEMNITIES AND DAMAGES

Subject to the application of the provisions and exclusions provided for in this Warranty, Premier Tech's liability and obligations regarding any corrective measure carried out or any attempt to correct an indicated problem shall be limited to supplying a new Septic Tank or one or several parts/components of the Septic Tank and to supplying the required labour, if applicable.

7. LIMITATION OF LIABILITY

Premier Tech's compensation or indemnification obligation shall be limited to the provisions of section 6 of this certificate of warranty and Premier Tech shall not be held liable for any other damage or loss that may have been suffered or incurred by the Customer or any third party in connection with the Septic Tank, its parts and/or components which originate thereof.

No additional warranty, express or implied, hence excluding any direct or indirect consequential damages (not limited to but including third parties loss) concerning the design, sale or use of the Septic Tank and/or services provided by Premier Tech is hereby granted. Premier Tech's liability under its warranty obligation shall in no case exceed the cost of the Septic Tank.

8. TRANSFER OF OWNERSHIP

In the event of transfer of ownership, sale, assignment or disposition in any other way of the Customer's property to a third party, this warranty shall continue to apply. The person proceeding to the transfer of the property, sale, assignment or any other type of disposition, undertakes to hand over to the Subsequent Purchaser or its Successor, the warranty certificate received upon completion of the work, as well as the Installation Guide/Owner's Manual.

9. INSPECTION

The Customer and/or the Customer's Successors shall allow Premier Tech or its duly authorized representative to carry out all necessary monitoring and inspection as required for implementation of this warranty.

10. INTERPRETATION

The terms of this warranty shall be interpreted and governed by the law in force in the Province of Quebec and the provisions of this warranty.

11. PRIORITY OF THE CERTIFICATE OF WARRANTY

This warranty supersedes any contract or understanding, written or verbal, entered into between the Customer and Premier Tech. In case of contradiction between this warranty and any other documents and/or contracts entered into between the Customer and Premier Tech, this warranty shall prevail.

12. SUBSEQUENT PURCHASERS AND SUCCESSORS

Subject to the provisions of this warranty and of section 8 in particular, this warranty shall continue to apply to the Subsequent Purchasers and Customer's Successors and shall continue to have full effect until the end of the agreed warranty period provided for in section 2 of this certificate.