



Installation guide

REWATEC™

Dispersal and infiltration chambers

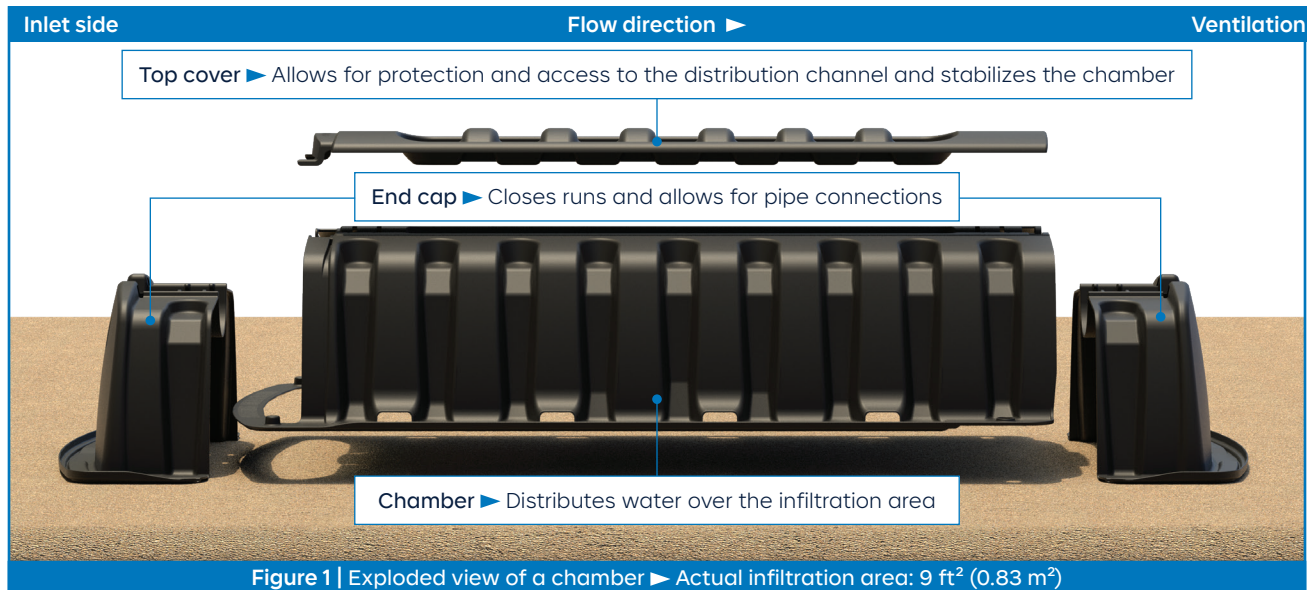
Installation guide – Rewatec™ dispersal and infiltration chambers

This guide contains the information needed to install the [Rewatec dispersal and infiltration chambers](#). The [Rewatec dispersal and infiltration chambers](#) must be designed and installed according to local regulations. A list of installers and replacement parts can be provided upon request by calling Premier Tech at [1 800 632-6356](tel:18006326356).

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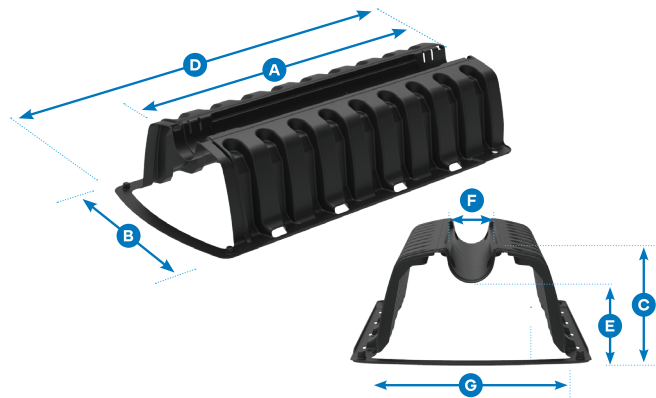
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1. MAIN COMPONENTS AND DIMENSIONS OF THE CHAMBERS



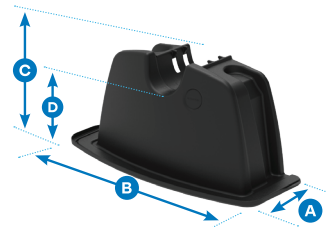
CHAMBER

Effective length	A	46-11/16" (1,183 mm)
Width	B	26" (660 mm)
Height	C	12" (302 mm)
Total length	D	53-1/2" (1,359 mm)
Inlet invert	E	8-1/4" (210 mm)
Channel width	F	5" (126 mm)
Inner width	G	21-1/2" (545 mm)
Weight*		13.5 lb (6.1 kg)
Material		Polypropylene



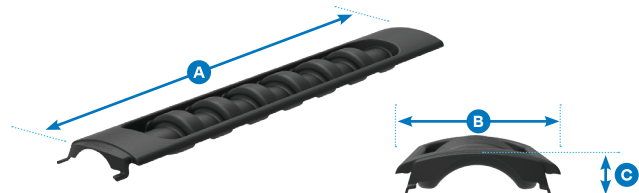
END CAP

Length	A	10-5/8" (270 mm)
Width	B	26-3/8" (670 mm)
Height	C	12" (307 mm)
Inlet invert (starting from sand layer)	D	8-1/4" (210 mm)
Inlet diameter		4-1/2" (114 mm)
Weight*		3 lb (1.4 kg)
Material		Polypropylene



TOP COVER

Effective length	A	46-11/16" (1,183 mm)
Width	B	7-7/8" (200 mm)
Height	C	2-1/4" (28 mm)
Weight*		2.8 lb (1.3 kg)
Material		Polypropylene



* Weights are for handling and lifting purposes only. They are approximate and non-binding.

2. USAGE AND INSTALLATION

Here are Premier Tech's recommendations to ensure a septic system's condition and proper functioning, regardless of the septic system you are installing.

We recommend keeping the following products out of your septic tank:

- oils and greases (motor, frying, etc.)
- wax and resin
- paint and solvent
- any petrol-based products
- any kind of pesticide
- any form of septic system additive
- any toxic product
- any object that has difficulty biodegrading (for example, coffee beans, cigarette butts, wet wipes, tampons, preservatives, cotton swabs, and so on).



It is important to advise any relevant party (such as an installer, landscaper, owner, snow removal company) of the following instructions:

- never install the chambers in a location where the water table level can reach its base
- never drive a vehicle over the chambers
- never place any object weighing more than 750 lb (340 kg) within 6' 6" (2 m) of the area where the chambers are installed
- ensure quick vegetation regrowth to avoid soil erosion
- never install an irrigation system over the dispersal area
- the property must have a functioning vent conformant with applicable regulations

Respecting these instructions contributes to the septic tank's proper operation and can help extend your septic system's lifespan. Ignoring these instructions may result in the voiding of the Rewatec dispersal and infiltration chambers' warranty at Premier Tech's discretion.

3. INSTALLATION SEQUENCE

Important: the installer is responsible for the safety measures applicable to all stages of the installation including the wearing of helmets, gloves, boots, glasses, masks, etc.

3.1 GENERAL SPECIFICATIONS


- All pipe connections to a wastewater treatment unit must be watertight.
- **A minimum 1% slope must be maintained along the entire length of the pipe going from the septic tank to the treatment method.** The soil beneath the pipes must be well-compacted.
- When cutting pipes, be sure to cut at right angle in order to maximize the surface to be glued and clean all the plastic residues inside and outside the pipes.
- Pipes and fittings must be dry and clean before applying glue.
- Apply a coat of PVC primer on the surfaces before gluing (inside the fitting connections and around the pipes).
- After applying glue, complete the connection rapidly. Keep a slight pressure on the connection for a few seconds.
- For threaded fitting connections, use Teflon tape or equivalent.
- The soil under the pipes must be well compacted.
- Protect the pipes against freezing if the soil depth is not sufficient to offer a good protection.

TOOLS REQUIRED

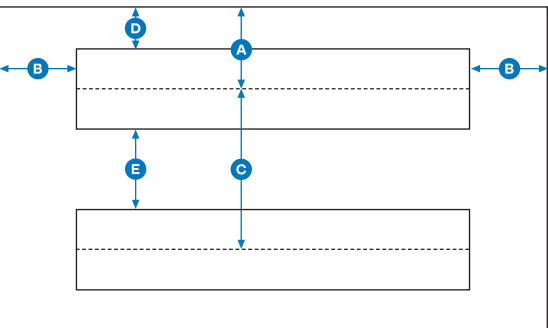
- level
- laser
- measuring tape

Step 1 |
Mark the perimeter of the dispersal area. Excavate it according to the approved design plans.

Scarify the receiving layer to improve the interface with native soil.



Step 2 |
Follow the minimum lengths and distances, as shown in the design plan.



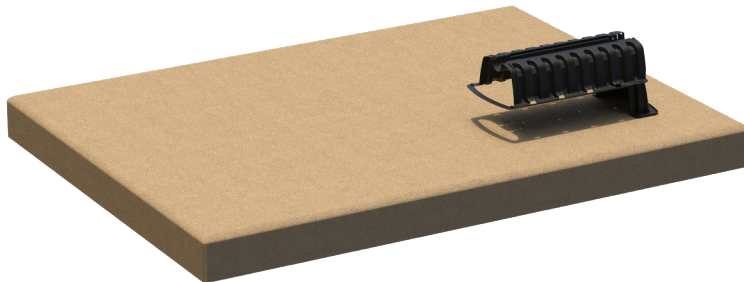
Step 3 |

Start at the end of the row. Center the first end cap directly on native soil.



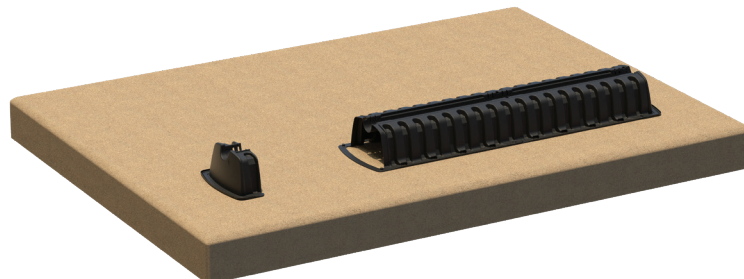
Step 4 |

Place the protective chamber on the end cap and ensure it is properly aligned.



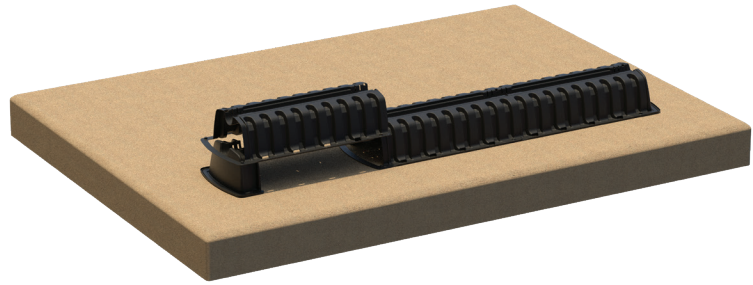
Step 5 |

Continue building the row by adding chambers until you reach the front of the row.



Step 6 |

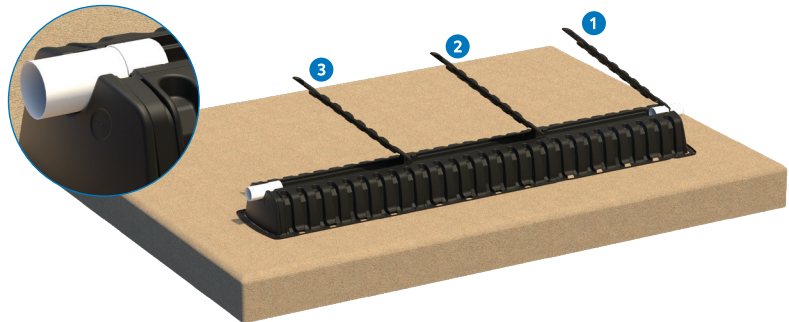
Place an end cap at the front to close the run.



Step 7 |

Before installing the cover, cut a SDR35 or BNQ 4" PVC pipe as needed. Use a bell end pipe or glue a sleeve to its end, and clip it into the distribution channel.

Place the top covers over the chambers, starting from the beginning of the row. Ensure the top covers clip onto the chamber.



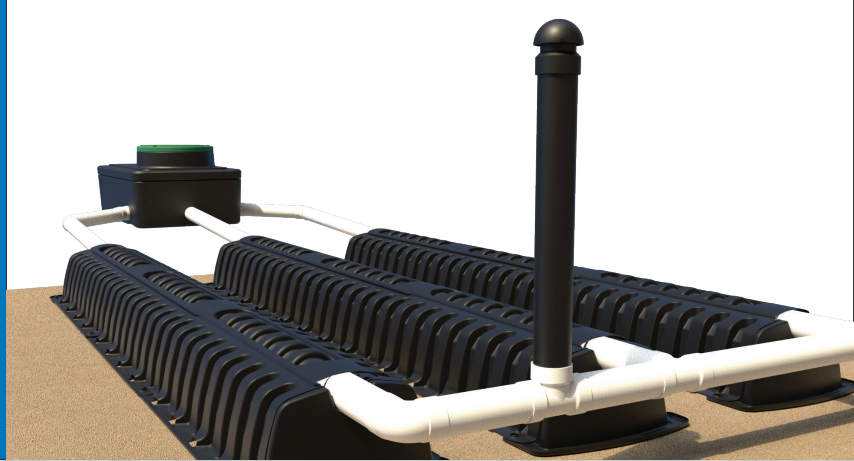
Step 8 |

Repeat steps 3 to 7 for each row.



Step 9 |

Connect the distribution lines. Ensure the pipes are properly supported before backfilling. If possible, connect the rows through the end caps using tees and 90° elbows. A vent pipe can be added by installing a tee pointing upward.



3.2 FINAL BACKFILL

- Finalize the backfill with a minimum layer of 12" (300 mm) and maximum layer of 24" (600 mm) of topsoil over the chambers. Backfill material must be permeable to water and air and exempt of any organic matter, impervious soil, stones, rocks, debris, or other objects that could damage the modules. Backfill to the top of the chamber with initial backfill, ensuring all pipes and other components are secured and supported before final backfill is placed over the chambers.
- Ensure the vent pipe is stable and vertical when placing the backfill material.
- Ensure the profile of the final grade diverts runoff water away from the septic system.
- Keep all septic system accessible at all times. Never cover them with mulch, soil, or any fixed structure.
- Do not run machinery, vehicles, or place other objects on top of any component of the system.

Following these guidelines contributes to the proper functioning of the septic system and increases the chances of extending its lifespan. Failure to comply with these guidelines may result, at Premier Tech's discretion, in the invalidation of the warranty.

ANNEX 1 | WARRANTY CERTIFICATE

1. Preamble

Premier Tech Technologies Ltd. (hereinafter called "Premier Tech") is proud to provide its customers with an exclusive wastewater treatment system.

For the application and interpretation of this Warranty, the following terms are defined as follows:

"Rewatec chambers" shall mean the dispersal and infiltration chamber(s) designed by Premier Tech, sold and distributed under the Rewatec brand.

"Customer" shall mean the person who has purchased the Rewatec leach field chambers, as well as any subsequent purchaser or acquirer of the property entitled to exercise the same rights as the Customer under the law.

"Design and installation guide" shall mean the design and installation guide prepared by Premier Tech containing Premier Tech's latest instructions for the design, installation, and usage of the Rewatec chambers.

2. Nature of the warranty

Subject to the terms and conditions set forth herein, Premier Tech warrants the Rewatec chambers against any defect or manufacturing fault for a period of twenty-four (24) months from the date of purchase of said Rewatec chambers by the original Customer. In order to benefit from the warranty, the Customer must provide Premier Tech with proof of purchase deemed satisfactory.

Notwithstanding any provision to the contrary contained herein, the warranty is limited to the content of this certificate and shall be null and void if the Rewatec chambers have been installed in contravention of applicable regulations and/or the manufacturer's recommendations contained in the design and installation guide.

3. Notice

In order for this warranty to be enforceable, the Customer must, without delay, notify Premier Tech in writing of the occurrence of any indication or sign that may suggest the Rewatec chambers exhibit any design or operational defect or irregularity.

Such notice must be sent to Premier Tech by mail at the head office of Premier Tech Water and Environment, 1, Avenue Premier, Campus Premier Tech, Rivière-du-Loup, Québec, G5R 6C1, or by email to info.ptwe.na@premiertech.com. Upon receipt of such notice, Premier Tech shall take the necessary steps to assess the situation and, where applicable, make the appropriate corrections in accordance with the terms of this warranty.

4. General exclusions

The following damages or issues are expressly excluded from the warranty:

- a) Any damage or issue caused by a fortuitous event or force majeure, including, without limiting the generality of the foregoing, earthquake, flood, frost, hurricane, landslide, explosion or blasting, or a rise in the groundwater level;
- b) Any damage or issue caused by the act or fault of a third party, including, without limiting the generality of the foregoing, during the performance of installation or landscaping work;

- c) Any damage or issue resulting from improper installation, design, or construction of the Rewatec chambers by a person lacking the necessary qualifications and competencies to perform the installation of septic solutions and/or who did not follow the instructions in the design and installation guide;
- d) Any damage or issue resulting from any installation, modification, correction, or addition to the treatment train, performed after installation of the Rewatec chambers, without having first obtained prior written approval from Premier Tech;
- e) Any damage or issue if it is demonstrated that the Rewatec chambers were not used in accordance with the instructions and guidelines set out in the design and installation guide;
- f) Any damage or issue caused during work required to access any component of the Rewatec chambers, including, without limiting the generality of the foregoing, excavation, snow removal, or demolition;
- g) Any damage or issue resulting from the condition of the soil and/or site, where such condition was either not reported or inadequately reported to Premier Tech by the Customer or by the professional conducting the soil and/or site evaluation.

5. Specific exclusions

For the entire duration of the Warranty, it is expressly understood that the Customer shall not undertake or cause to be undertaken any repair or modification to the Rewatec chambers without first notifying Premier Tech, in accordance with the provisions hereof, and without Premier Tech first attending the site to assess the situation within a reasonable time following receipt of said notice.

Should the Customer undertake or cause to be undertaken any repairs, modifications, and/or attempt to repair or make any corrections whatsoever to the Rewatec chambers without the prior written authorization of Premier Tech, this warranty shall be deemed null and of no effect, and Premier Tech shall thereupon be considered fully released from all obligations hereunder.

6. Indemnities and damages

Subject to the application of the other terms and exclusions set forth in this warranty, the liability and obligations of Premier Tech with respect to the corrective measures or means of remedying a reported issue shall be limited to the replacement of the Rewatec chambers and/or one or more components thereof. Premier Tech shall make available any labor required (if applicable), which shall be at the Customer's expense.

7. Limitation of damages

Premier Tech's obligation to compensate or indemnify shall be limited to the provisions set forth in Section 6 of this warranty certificate, and Premier Tech shall not be held liable for any other damage or loss that may be sustained by the Customer or any other party in connection with the Rewatec chambers, their parts and/or components, or arising therefrom.

No additional warranties, whether express or implied, exist other than those set forth in this warranty certificate, thereby excluding any direct or indirect consequential damages (including, without limitation, damages caused to third parties) in relation to the design, sale, installation, or use of the Rewatec chambers and/or Premier Tech's services.

8. Transfer of ownership

In the event of a transfer of ownership, sale, assignment, or disposal in any manner whatsoever of the Customer's property to a third party, this warranty shall continue to apply for its remaining term, on the express condition that any subsequent purchaser submit to Premier Tech the attached "Notice of Change of Ownership" specifying that they are the new owner, that they have reviewed this warranty certificate, and that they accept its terms, no later than sixty (60) days after the transfer of ownership.

Any prior owner transferring the property undertakes to provide any subsequent purchaser with the warranty certificate delivered at the completion of the work, as well as the design and installation guide.

Premier Tech reserves the right to void the warranty if the conditions set forth in this Section are not met.

9. Inspection

The Customer shall permit Premier Tech or one of its duly authorized representatives to carry out any and all necessary checks and inspections, when the situation so requires, for the implementation of this warranty.

If the Customer notifies Premier Tech of an alleged defect or irregularity in the Rewatec chambers and it is determined, after inspection, that no such defect or irregularity exists or that the warranty is excluded or does not apply, Premier Tech reserves the right to invoice the costs incurred in carrying out such inspection. The Customer understands that the costs incurred shall not be less than \$500.

10. Interpretation and jurisdiction

The terms of this warranty shall be interpreted in accordance with the provisions set forth herein and the laws in force in the Province of Québec. Any dispute related hereto shall be brought before the competent courts of the Judicial District of Kamouraska.

11. Precedence of the warranty certificate

This warranty shall take precedence over any other contract or agreement, whether written or verbal, entered into between the Customer and Premier Tech. In the event of any inconsistency between this warranty and any other document and/or contract entered into between the Customer and Premier Tech, the terms of this warranty shall prevail.



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