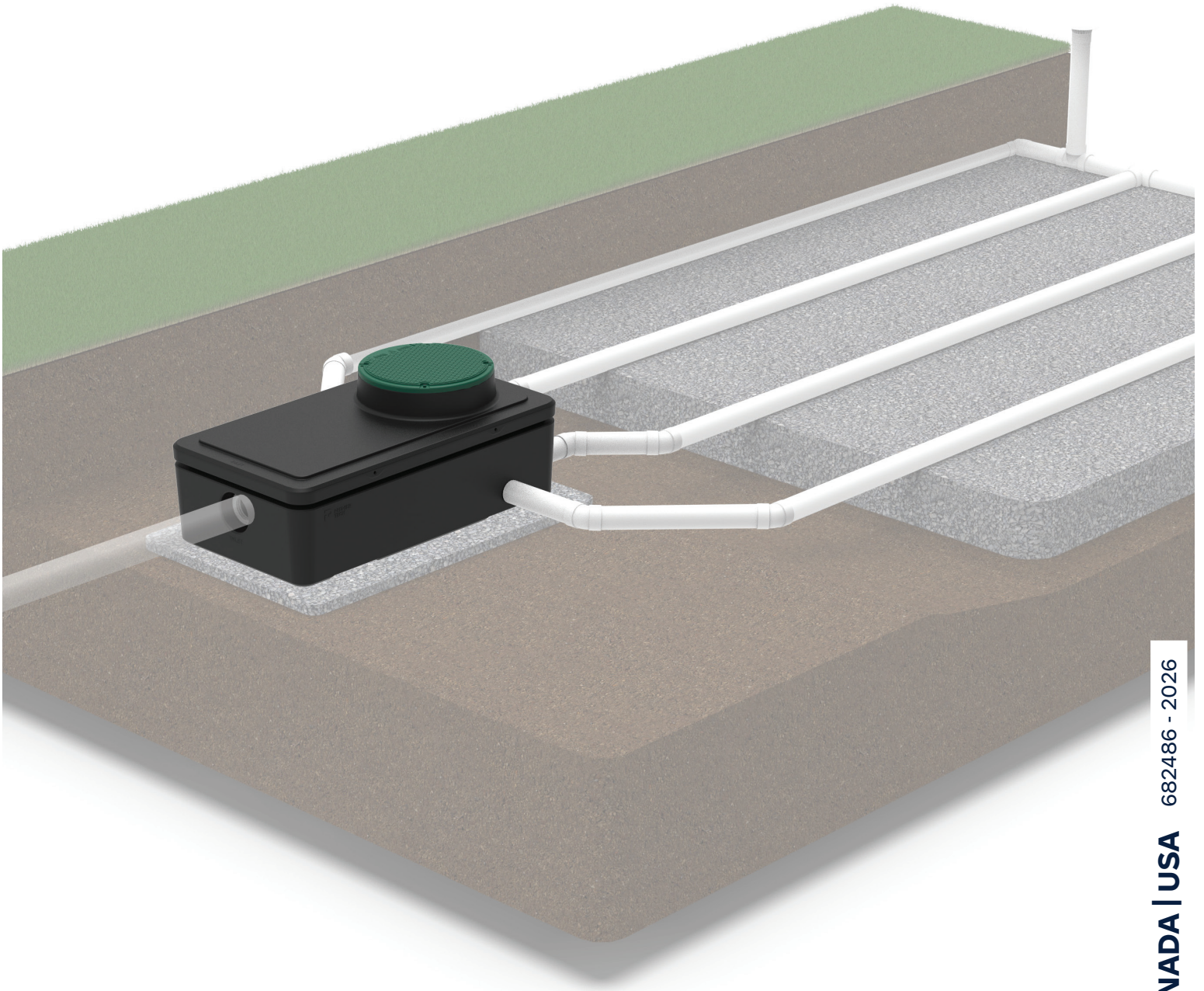




Installation  
guide

# REWATEC™

Dosing distribution box



# Installation guide |

## Dosing distribution box

This guide contains the information needed to install the [Rewatec dosing distribution box](#). This procedure must be performed by a duly trained installer. To get a list of installers or to get replacement parts, please contact Premier Tech at 1 800 632-6356.

### TOOLS NEEDED

- Level
- Measuring tape
- 5" hole saw
- 9/16" combination wrench

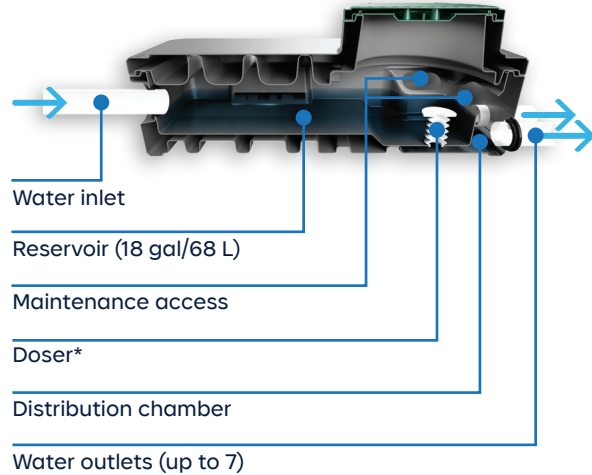
### TOOLS PROVIDED

- 1 gasket
- 5 watertight outlet adapters

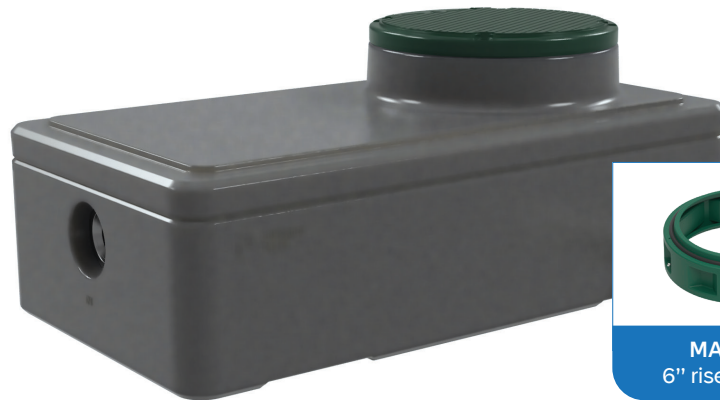
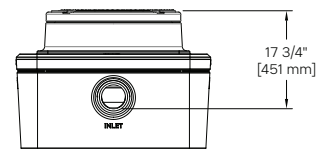
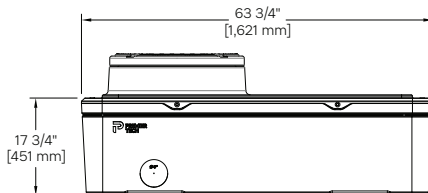
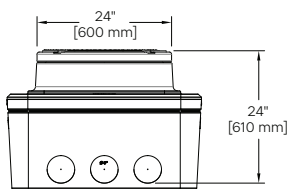
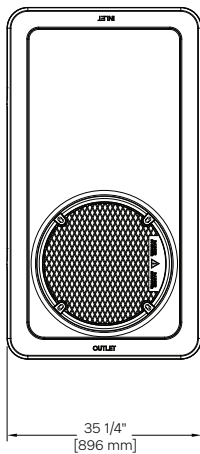
#### IMPORTANT

**The Rewatec dosing distribution box is limited to five (5) outlets in configurations that include the Ecoflo linear biofilter.**

#### Exclusive design



\* Protected intellectual property (reference: 8296)  
[patentmarking.premiertech.com](http://patentmarking.premiertech.com)



**MAXIMUM**  
6" riser available

## IMPORTANT NOTES

The installer is responsible for following safety procedures at each step of the installation (wearing a helmet, gloves, boots, safety glasses, protective mask, etc.).

Install the Rewatec dosing distribution box on a flat surface. The soil must be well-compacted to minimize movement and destabilization over time. Premier Tech recommends adding a layer of gravel or a concrete slab beneath the unit to ensure even distribution across each treatment row throughout the product's life cycle. A provided watertight adapter can be used to connect the septic/primary tank's outlet to the Rewatec dosing distribution box's inlet.

The Rewatec dosing distribution box must be installed according to the following recommendations:

- The lid must always be accessible. Never cover it with soil, debris, or any kind of fixed structure.
- The final backfill must never be higher than 2" (50 mm) below the lid.
- Never drive a vehicle or place any object weighing more than 500 lb (225 kg) within 10' (3 m) of the Rewatec dosing distribution box.
- Ensure rapid vegetation regrowth to prevent erosion.
- Only one Premier Tech PSR-060 riser is permitted to be installed (not provided).
- The backfill material must be placed onto the unit instead of pushed onto it. Backfill material must be sandy and free of rocks. Determine the thickness of the vegetational cover and ensure that it does not come higher than 2" (50 mm) below the system's lid once the landscaping is complete.
- Protect the dosing distribution box against freezing if the soil depth is not sufficient to offer a good protection.

## INSTALLATION STEPS

The Rewatec dosing distribution box can connect to up to seven treatment rows.

Use a 5" hole saw to pierce one hole for each treatment row needed. The location of each hole is outlined on each side of the Rewatec dosing distribution box, as shown below.

Use the provided rubber outlet adapters before connecting the pipes (fig. 1).



Figure 1 | View of the Rewatec dosing distribution box from different sides

## INSTALLING THE GASKET

**WARNING** - The provided gasket must be placed around the upper part of the chamber (fig. 2).

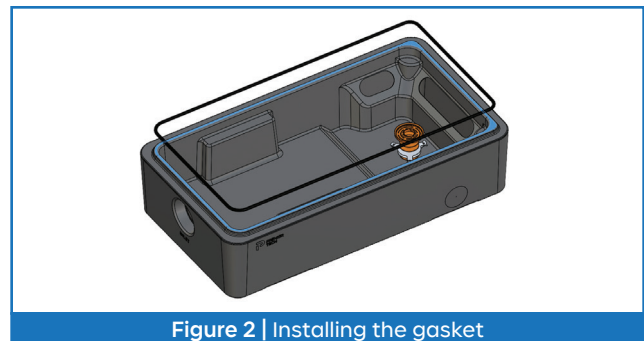


Figure 2 | Installing the gasket

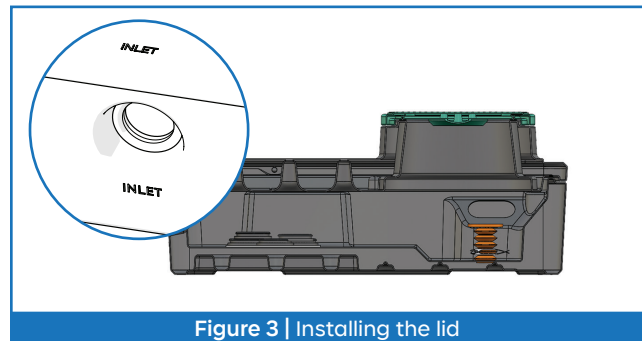
## INSTALLING SPEED LEVELERS IN THE DOSING DISTRIBUTION BOX

Note that speed levelers can be added to equalize water level to ensure even water distribution between the multiple outlets.

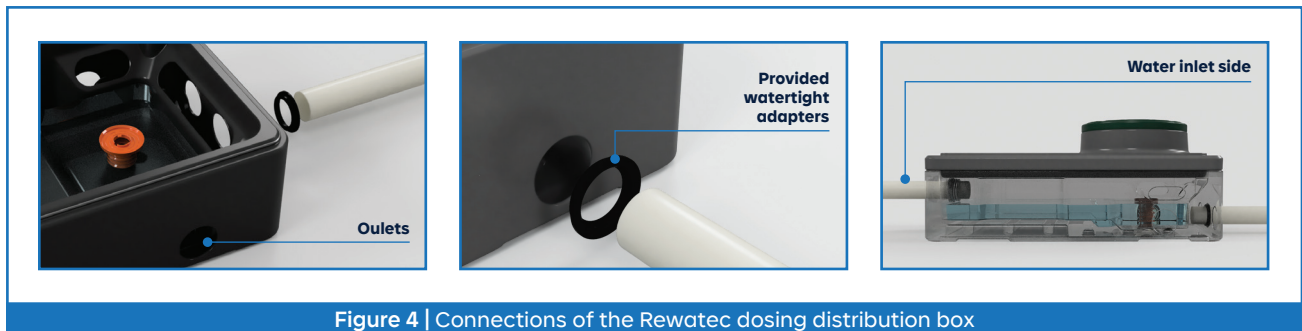
1. Open the dosing device lid.
2. Insert a speed leveler into each outlet pipe inside the dosing device.
3. Rotate each leveler until the base of the hole is at the 12 o'clock position (0°).
4. Start filling the dosing device with water.
5. Stop when the water level touches the inner guide ring of the highest speed leveler.
6. Rotate each speed leveler until holes aligns just above the water level.
7. Slowly add more water to ensure it enters each holes simultaneously.
8. Adjust as needed

## INSTALLING THE UNIT'S LID

**WARNING** - Ensure that the main access is directly above the doser and that the two inlet labels are aligned, as shown in figure 3.

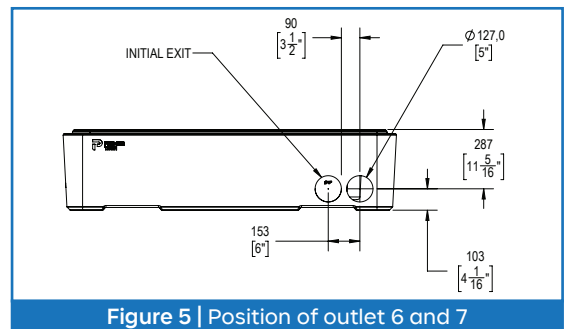


## CONNECTING THE OUTLET PIPES



## ADDITION OF OUTLETS #6 AND #7.

When a sixth and seventh outlet are necessary, simply drill the unit according to the drawing below. As the outline of these two outlets are not shown, it is important to closely follow these instructions. Keep an appropriate distance from the other outlets and from the top of the reservoir. Use the watertight outlet adapters provided by Premier Tech.



## MAINTENANCE AND TROUBLESHOOTING

It is recommended to perform the following maintenance actions annually. The following procedure can be use also when the doser is not performing as it should.

1. Open the dosing device lid.
2. Inspect the general condition.
3. Remove excess sludge in the dosing device, as necessary.
4. Clean the floating plate (doser).
5. Install and adjust outlets' leveler as needed to optimize even distribution between the runs.
6. Close the dosing device lid.
7. If there are more than one dosing device, repeat step 6-8 for each.

When required, follow the procedure below to replace the doser in the dosing distribution box.

1. Open the dosing device lid.
2. Remove the doser by pulling on it.
3. Install a new doser by pinching part of the base to reduce its diameter.
4. Release the doser once in place.
5. Ensure that it is well-positioned.
6. Close the dosing device lid.

Source/possible causes	Possible actions or solutions
The dosing device/distribution box lid is buried.	Dig up the dosing device/distribution box lid.
An object is covering the dosing device/distribution box lid.	Ask the client to always keep the access to the dosing device/distribution box free.
The doser is clog.	See maintenance section above.
The distribution is uneven.	See section on leveler installation.





