

FAQ's

How do I connect the trench drain channels together?

Most of our channels have a snap and lock connection. Some of our systems have a tongue and groove connection which are used for straight and gradual turn situations. All you need to do is seal the connection with a silicone or Vodaland's Polymer Sealant. We recommend this for a 100% secure water tight seal in your trench drain installation.

How do I connect my outlet pipe?

All pipes are not created the same, just as they are not rated the same. However, the basis of design will work for all sizes. If you find that your PVC or corrugated piping is too large or small for the size pipe you are using, we do offer PVC adapters on our website for 3 and 4 inch PVC pipe connections. Utilizing our sealant to connect those is the simplest way for sure!

Do you have a warranty on your trench drains?

Yes, all of our industrial and residential systems come with a standard 3 year factory warranty. This covers all items on the system on the basis of correct installation and usage. Basically stating do not get an A class or pedestrian system and try to drive over it. As always give us a call with any questions.

info@vodaland-usa.com
314-717-1551



Trench Drain Installation Guide

Technical / Installation Help

For the quickest response for any technical help, please email us info@vodaland-usa.com

Photo Refund!

During the course of the year we selectively give out full and partial refunds to our amazing customers that take great photos with our products. Please take some great photos and email them to photos@vodaland-usa.com. If we decide to use them on our site, you get money!



Types of installation

There are three types of installations when it comes to our trench drain systems.

1. Basic soil / dirt installation requires no brackets or concrete pour
2. Concrete pad and pour installation
This is the basic "2 step" pad first and then set your channel and pour around.
3. Mounting Bracket Installation
The most common and most recommended type of installation where you utilize our installation mounting brackets for a level and one pour installation.

SITE PREP

Vodalands trench drain site prep recommends to initially dig / cut your trench three to six inches wider on both sides of the system to allow for a very comfortable installation during your set and pour.

Pad and Pour

If you are not using Vodalands Installation Mounting Brackets, and doing a pad and pour installation or ground installation, these are your step by step instructions.

1. Prep your area - Use our channel size recommendations on the previous page to prep your channel width and depth according to the trench drain you purchased. You need a good amount of room (3-6 inches) to set your channel and pour or fill around it to have a nice level area with your finished project.
2. If pouring concrete, make sure the base (2-4 inches) is leveled out according to your site plan. Wait for the concrete to completely set before moving on.
3. Set your channels on the concrete pad, attach together and connect your pipe outlets according to your design. Pipe connections are designed for PVC and Drainage Tile - if you wish to utilize a corrugated pipe, please use a rubber coupling with clamps or one of our adapters which we sell on our website. That makes for a snug fit and seal.
4. Vodaland recommends leaving your gratings in the channel when you are doing your final pour. This will alleviate any instances of your channels bending while the concrete sets. This is important so your gratings fit nice and snug after the concrete is cured fully.
5. Pour and wait 1-2 days is recommended.

If you ever have any questions during your installation, please do not hesitate to give us a call. We are always here to help.

Mounting Bracket

With our installation mounting brackets, you get to level off your entire system before the pour, and get to design accordingly. Lets get started...

1. Make sure you dig and prep your site exactly to your specifications. Make sure all outlet pipe locations are aligned, and that you have enough width in your trench to comfortably place your installation mounting brackets inside - you are going to want a little bit of room.
2. Loosen the mounting bracket and leveling bolts, place the "V" clip of your mounting bracket into the channel connections, or on the channel itself.
3. Make sure your channel connections are water tight (we recommend our industrial sealant in between the channel joints on our plastic and concrete systems) and that your end caps are tight and sealed off as well.
4. Place your entire system into the trench. Make sure the rebar holding bolts are loose and will allow rebar to enter.
5. Insert rebar through the mounting bracket and into your ground. Lift up on the channels and tighten the leveling brackets, leveling your entire system.
6. Double check your channel connections , and secure your pipe outlet connections. Make sure your system is level. Also we recommend leaving gratings in during the pour.
7. Double check all rebar leveling bolts - they are tight.
8. Pour your concrete and wait to settle.

VODALAND HAS FULL INSTALLATIONS VIDEOS ON OUR YOU TUBE CHANNEL - CHECK THEM OUT!