

Everlast Information Packet



Everlast

It all started in 1971, an electrician by the name of Art Van Otterloo started a small business right here in Hull Iowa. Being an electrician in the #1 cattle producing county in Iowa meant that he spent a lot of time installing and servicing cattle fountains. He eventually became a dealer for multiple fountain brands and installed hundreds of different models. Down the road his three boys would become part of the family business, thus they also frequently worked with fountains.

Because of this the Van Otterloo Brothers were exposed to all the flaws in the fountains that were on the market. They knew there had to be a better way to build a fountain to be more durable and energy efficient. They knew stainless steel was the cure for longevity and high quality parts are a must. This caused them to create one of the best fountains on the market today and the only fountains that self clean. The next generation of cattle fountains. The first and the last fountain you will ever need. Designed for cattle and the cattlemen that work with them.



What they noticed.

With years of experience they understood one of the biggest issues was the acidity of the feed. This means after the cattle eat they go to take a drink and drop feed out of their mouth or nose area into the water. This feed settles on the bottom of the tank and wreaks havoc on concrete and plastic tanks. The sealant the concrete fountains use is no match for the acidic water and is deteriorated in weeks. This acidic feed also settles around the heating element and bakes onto the element making it extremely inefficient and drastically shortens the life of the element. Over time they noticed frequent and repeat issues with the different brands. With the massive production of ethanol based products in today's agriculture industry, we now have a lot of by-products we use to feed our cattle. Same goes for the plastic water tanks, this acidic water makes the plastic extremely brittle and when livestock step in the tank they bust straight through the trough. They also use a submersible heater which gets surrounded by settled feed and runs constantly to keep the water thaw, this wastes electricity and shortens the life of the element. Because of this the Van Otterloo brothers knew they had to find a way to keep the elements out of the water, the tanks clean, and only stainless steel is going to hold up to the abuse.

Our competitors have noticed this flaw so a few years ago they started producing plastic tanks with stainless troughs, there are two major issues with this design. For starters, they use 22 or 24 gauge stainless steel which is thin enough to easily bend with your hands. Secondly they have heating elements that are under the trough, the issue is that when feed settles on the floor of the fountain the heat has to make it through that feed to get into the water. This means your heating elements are going to run longer than necessary. Since they use 22 or 24 gauge steel for the trough, eventually the elements are going to burn through that thin steel from running days on end to try and keep the water thawed.



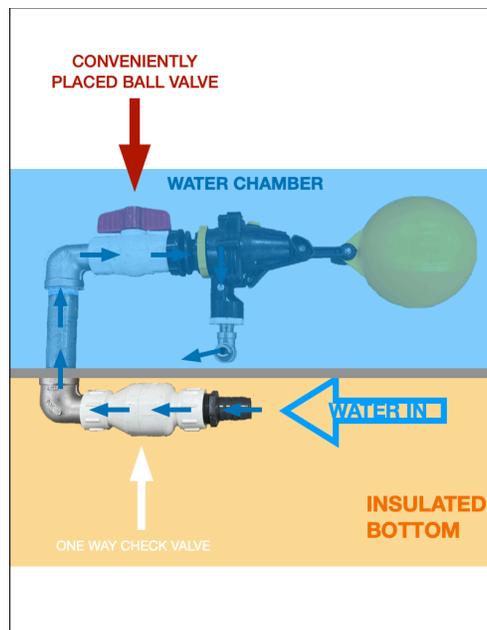
Why Everlast?

We use 12 and 14 gauge 304 Stainless for the tank that is over 2mm in thickness, whereas the competitors trough is not even 1mm thick. Our heating elements are a slide in design under the trough.

This makes them extremely easy to access and keeps them out of the water, lowering the chances for stray voltage and making their life span much higher than any other company.

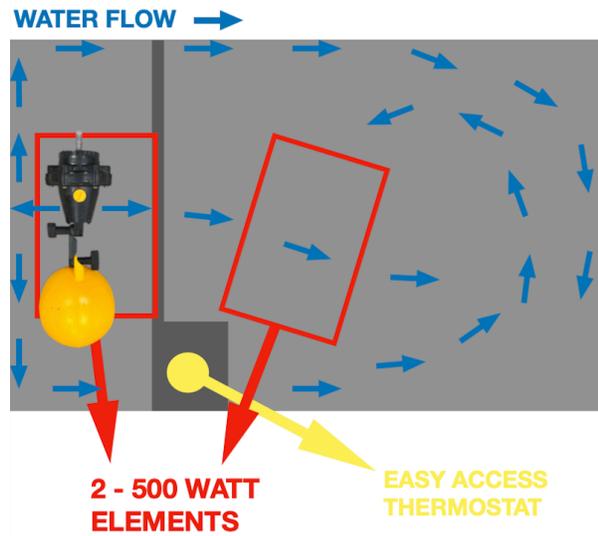


We also use a high flow float valve which is either on or off, it does not trickle like a regular float valve. Thus when the cattle drink and drop feed debris into the water, the next time the fountain fills it is spraying the floor clean, putting any feed debris in the water back into suspension, this keeps our fountain extremely clean and energy efficient because the heat can easily transfer into the tank instead of trying to heat through the feed like our stainless competitor.

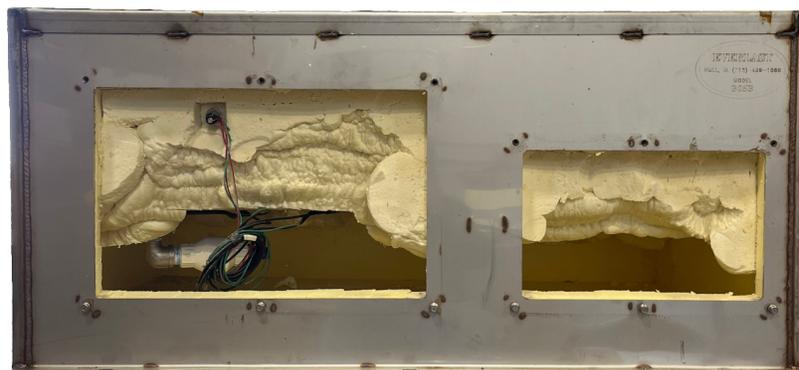


How it works

The high flow valve allows us to point a nozzle at the chamber wall and one at the trough creating a turbulent flow on the floor of the tank. We have three holes at the bottom of the chamber to direct the flow. This kicks up any feed debris and suspends it into the water allowing the cattle to drink it. The nozzles are also above a heated floor allowing the flow to evenly distribute the heat throughout the entire tank, intern keeping the tank cleaner and running more efficiently.



The floor is heated with 2 - 500 watt elements and an easy to access thermostat. The elements are soft mounted to the bottom of the tank allowing for easy replacement. Our tanks are made from stainless steel, high quality PVC fittings, and closed cell insulation

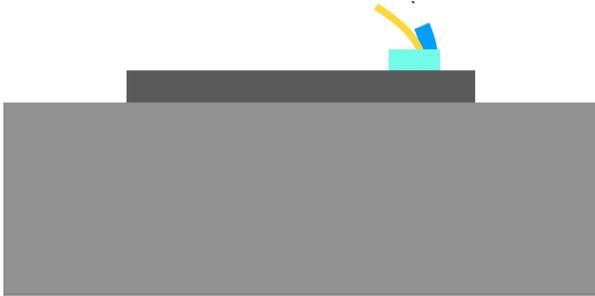


How to setup concrete pad

For new construction

You will want to start by figuring out the fountain that is going to best fit your operation and where you want it. Trench in the water and electrical lines you plan to use and install it in a riser. We suggest using a riser that is 6in. or larger to allow ground heat to escape upwards. If

using an over flow unit make sure to place tile in the concrete pad that will sit under the overflow drain on the fountain. Pour the pad larger than the fountain to allow a step for the cattle to stand on while drinking.



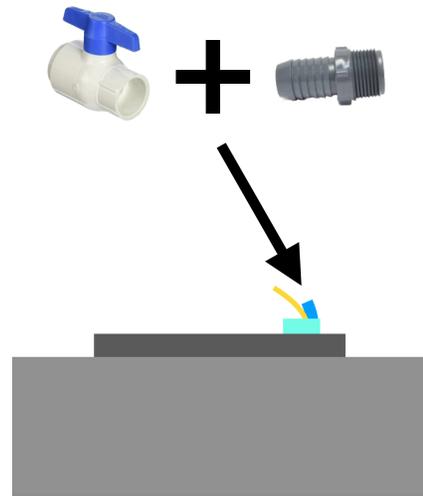
For old construction

All of our fountains are designed to fit on pre-existing concrete pads. If replacing a Ritchie you will want to go with one of our 20 series models or if you have a Bohlmann you will want to go with one of our 30 series models. We made it easy so there is no need to pour concrete just measure the pad and pick a fountain that will fit. And if you don't have electrical trenched in no worries, we've placed 1in. holes on either side of our fountains to allow for above ground electrical or sprinkler systems.



How to install

Prior to installing the fountain you will want to connect a ball valve to your water supply line with a barbed fitting that is the same size as the flexible water line you intend to use. Every Everlast fountain comes pre installed with a 1 in barb fitting. You will have to change this fitting if you are using a different size waterline.



You will start by removing all doors from fountain and removing the float assembly and anchor bolts from the chamber.

Flip the fountain on its side and remove the base layer of foam. Place this piece of foam over where you intend to place the fountain. Cut holes where needed for any electrical or water lines and place foam flat on the ground.



Place the fountain onto of the foam and make sure the fountain is in the position you like and the doors are facing the correct way.



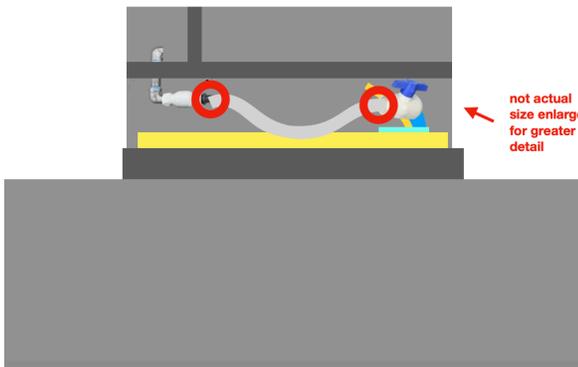
How to install

Make sure the fountain is sitting level and flush on the ground.

Once in the correct position hammer drill holes in the precut holes on the flange. You will need a 1/2in drill bit to secure the provided anchor bolts. Hammer all anchor bolts into the drilled holes and tighten with a 3/4in socket.



Now take your flexible water line and cut the appropriate amount to connect to your fountain. The water line should lay loosely on the base layer of foam when fully installed.



Connect the hose to the fountain and water supply line. Secure with the two hose clamps provided and tighten with a 5/16 driver.

How to install

Before turning the water on take the provided extension arm, float, and wing nuts and assemble your float.



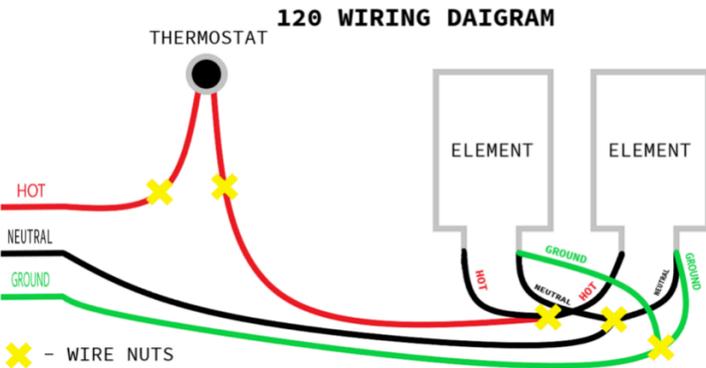
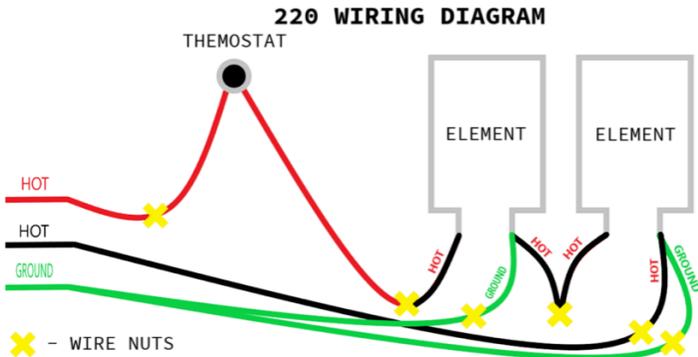
To remove float twist counter clockwise and pull back.

Take extension arm and secure to the float at 90 degrees. Attach float to extension arm and reattach the full float assembly.

Turn your water on and adjust your float so the water shuts off when your thermostat is 1/2in. to 1in. under water.



How to install



For electrical hookup here are diagrams on how to hookup depending on your power source. These diagrams can also be found on our FAQ page on our website. We do not recommend performing this task without being a trained electrician.



Place your doors back on and secure with a 1/2in socket. Your Everlast fountain is now installed!



Part replacement

All parts used in an Everlast fountain are designed to be replaced easily and quickly. We use high quality PVC and stainless steel parts. All the parts we use are shown below and can be bought thru Everlast Industries.

1in. x 5in. stainless steel nipple



1in. street 90

1in. ball valve



1in. thread to barb



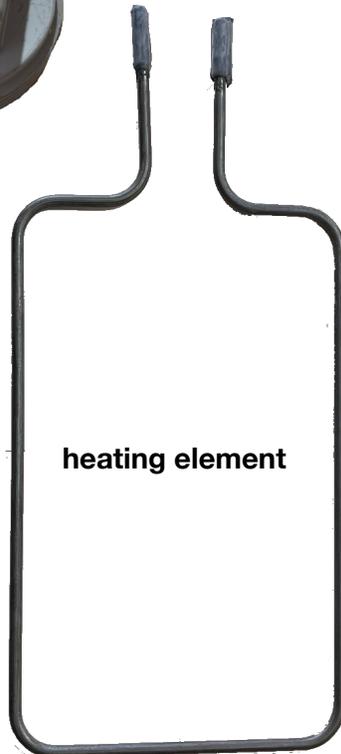
2in. plug



rubber plugs



thermostat



heating element



high flow valve

Non Power units

For our non-power units we use a thermal valve that allows water to flow thru after reaching 42 degrees or lower. This creates water movement on the surface of the tank keeping your tank from completely freezing over and your water line from freezing.



With a non-power unit you will want to install an overflow drain so the tank doesn't run over and create an icy mess. On all of our non power units we install a 2in. piece of pipe that drains the water out the bottom of the tank once full.

You will want to preinstall tiling under where you intend to place the fountain and where the overflow drain is located when installed. This will redirect any overflow water away from your tank and allow it to drain properly.



Non Power units

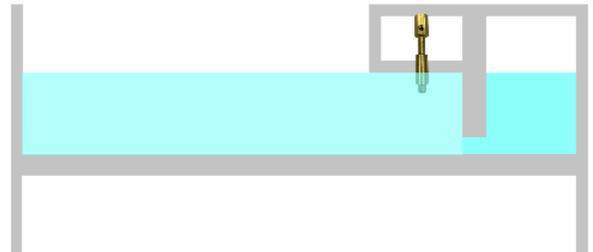
Refer to the picture below for the correct position and water level needed for the thermal valve to work properly.

This is an automatic ice prevention system for livestock watering tanks. A semi submerged valve in the watering tank opens when the water temperature drops below 42°F, allowing warmer water to flow into the tank, which creates movement on the surface and warms the tank. The valve closes when the temperature rises above 42°F. It has a minimal flow rate to conserve water use, which is 0.2 gallons per minute.



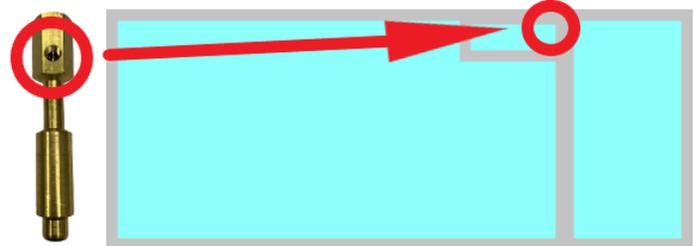
← Recommended fill level

Side view of tank



The hole in the thermal valve should be facing the corner of the chamber and side wall.

Top view of tank



Installing a frost pro

A frost pro is a device that can be installed on our floats that allows a small amount of water to trickle past the float preventing ice build up in your water lines. If you have had problems in the past of water lines freezing up we suggest installing a frost pro.



Unscrew the yellow cap from the float assembly and take off O ring on the bottom of the yellow cap. Place the O ring onto the frost pro and screw into hole.



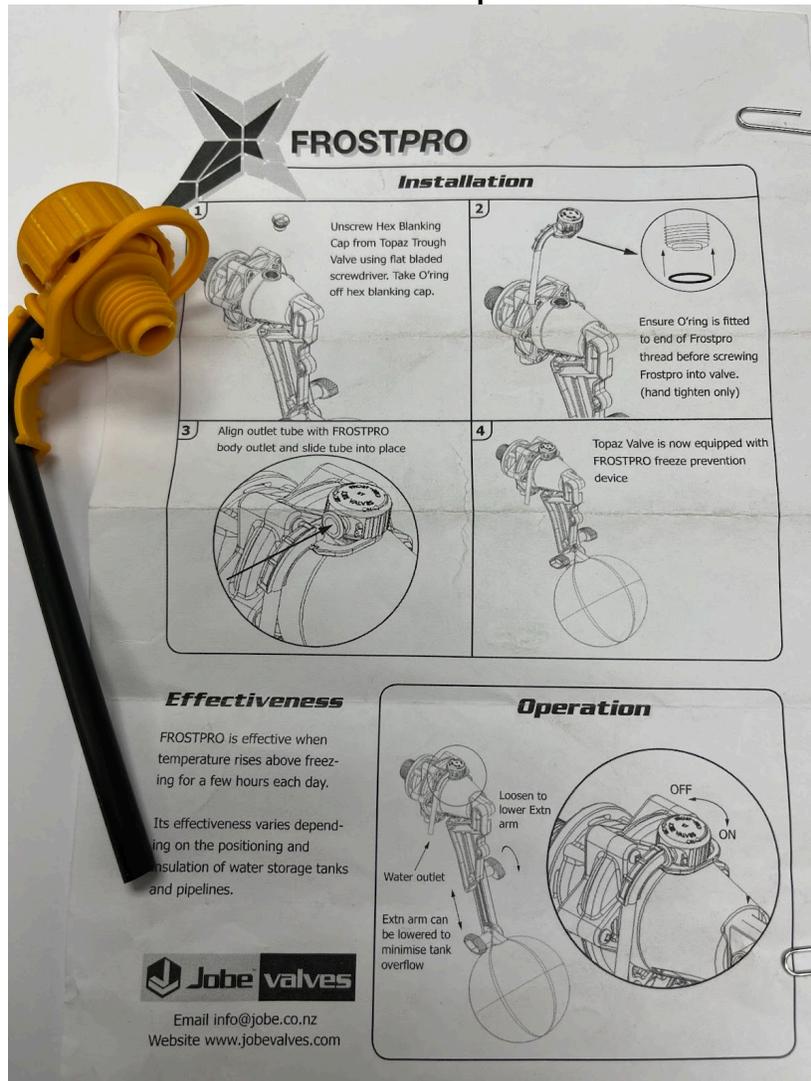
Once installed it should look like this.



Frost Pro

To turn on and off you will just need to turn the top yellow cap of the frost pro a quarter turn to the left to turn on and a quarter turn to the right to shut off.

You shouldn't need to install an over flow due to such a low flow rate, your cattle should be able to drink enough to stop the tank from overflowing. If there is a problem with the tank overflowing when the frost pro is installed you may want to install an over flow drain as covered in the non power units.



Maintenance

With these fountains having a self cleaning ability the amount of maintenance is very limited. You will just want to make sure that the self cleaning feature is working and agitating the water enough to kick up any feed debris.

To fully clean the fountain you will start by removing the chamber lid from the fountain and shut off the water using the conveniently placed ball valve. Remove the rubber plug from the end of the fountain and drain the water. Clean the fountain, replace the rubber plug, and turn the water back on.

We do not suggest adjusting the thermostat. If adjustments are needed please contact Everlast Industries directly at (712-439-1060) or by email at (everlastindustries@gmail.com).

For float maintenance you will just want to make sure that the small screen strainer on the back of your float is clean and doesn't obstruct water flow, this can be taken off by just pulling. When cleaned just snap back into place and reinstall float assembly.



Warranty policy

What is covered?

This limited warranty covers defects in materials and workmanship in this product. This includes the entirety of the stainless steel base.

What is NOT covered?

This limited warranty does not cover any damages caused by the owner modifying, attempting to fix, altering the product, acts of god, or misuse of the product. It also does not warrant that the product won't become obsolete in the future. This limited warranty does not warranty any of the hardware included with the fountain. This includes doors, bolts, float assembly, insulation, elements, and any fittings that are not welded to the stainless steel base.

How long does this coverage last?

This is a lifetime warranty.

Who is covered?

This limited warranty covers only the original purchaser of the product. The limited warranty is not transferable to subsequent owners or purchasers of this product.

How to obtain warranty?

Contact Everlast Industries with the date purchased, model number, serial number, and cause of claim.

What will Everlast Industries do?

If deemed by Everlast Industries that the claim is valid and is covered within this limited warranty we will replace or reimburse you for the equal value of the product you are making a claim on. If valid Everlast industries will assume all responsibilities on transit to return the product and the shipment of a new one.

What Everlast Industries will NOT do?

Everlast Industries will not replace or reimburse you if the extent of the claim is not covered in this limited warranty. This is left to the discretion of Everlast Industries.

No other express warranty applies.

This warranty is the sole and exclusive warranty. No employee, agent, dealer, or other person is authorized to alter this warranty or make any other warranty on behalf of Everlast Industries.

Limitations of liability.

Everlast Industries shall not be responsible for any incidental or consequential damages. Some countries, districts, or states do not allow the limitation or exclusion of relief, incidental, consequential, special, or indirect damages, or the limitation of liability to special amounts, so the above limitations or exclusions may not apply to you.

Become a Dealer

You want to become an Everlast Dealer? Great!

You will want to contact Everlast Industries directly. You can call us at 712-439-1060 or by email at everlastfountains@gmail.com for our full dealers agreement.

Below is what will be expected of you as an Everlast Dealer.

3. Obligations of “Dealer”

- 3. (A)** Have a full and comprehensive understanding of all Everlast Industries products. And the ability to articulate the advantages and features of said products.
- 3. (B)** Must maintain a public display of Everlast Industries products conveying clearly the intention to sell.
- 3. (C)** Assume the responsibility of active marketing and advertising of products. While adhering to the Everlast Industries logo standards.
- 3. (D)** Acquire and maintain liability insurance that covers all tasks involved with the duties of an Everlast dealer. Provide proof of coverage to Everlast Industries.
- 3. (E)** Perform all business within the standard of federal and state laws and regulations.
- 3. (F)** Adhere to the price points set by Everlast Industries. The “Dealer” can choose to price at or above the set price, not below.
- 3. (G)** Must purchase a minimum of 10 fountains in a calendar year. If already an existing dealer for one of our competitors you must purchase 15 fountains in a calendar year.
- 3. (H)** An initial purchase of 5 fountains if you are a new Everlast dealer.

Trouble Shooting

My float keeps sticking on or off.

Check to make sure that the screen on the back of your float is clear from debris and allows water to flow. If you have consistent problems with this screen you can just take it off and reinstall the float without the screen. If problem persists make sure that your waterline holds 5PSI or higher. Our floats require a minimum of 5PSI to work properly.

My tank keeps freezing.

You will want to start by making sure that you have power going to the fountain. If you have power check under the fountain to make sure that all wires and wire nuts are secured. Use the diagrams provided under how to install to make sure everything is wired correctly. Check to make sure that the elements and thermostat are working by using an electrical multi meter. If everything is good you may need to adjust the thermostat. Contact Everlast Industries for instructions. If a non-power unit you will want to make sure that your water level is set correctly and the thermal valve flows freely.

Where do I get replacement parts?

Contact your dealer or Everlast Industries.

How do I check for stray voltage?

Use an electrical multi meter to test this. Place multi meter on the AC function and place one probe in the water of the tank and stab the other probe into the ground. If stray voltage is present you may want to install a ground round under fountain if one is not already present.

If any of these problems persist please contact your Dealer or Everlast Industries.

Contact us

Everlast Industries phone number:
[\(712\)-439-1060](tel:(712)439-1060)

Everlast Industries website:
<https://everlastfountains.com/site/>

Everlast Industries email:
everlastindustries@gmail.com

Everlast Industries Facebook:
[Everlast Cattle Fountains](#)

Everlast Industries YouTube:
<https://www.youtube.com/@everlastindustries1883/featured>

