

Thank you for purchasing your Chem-Tainer water storage tank.

These instructions are for Chem-Tainer Green and Black Water Tanks **up to 250 gallons**, these tanks come standard with installed fittings a 1" female threaded inlet (top sidewall) and a 1.5" female threaded outlet (bottom sidewall)bulkhead fittings. Your inlet is the 1" bulkhead fitting on top; your outlet is the 1.5" fitting on bottom.

Here we will address several potential options for plumbing your tank to your preferred application using components available from Home Depot (none of the items pictured are included with your tank):

Photo 1 – How to connect a garden hose with an in-line shut-off valve to the 1.5" bottom outlet.

Photo 2 – How to connect a spigot to the 1.5" bottom outlet. **This is for users that are placing their tank on a raised platform.

Photo 3 & 4 – How to plug your top inlet and/or bottom outlet directly.

Connect a garden hose with an in-line shut-off valve Photo 1



A – The 1.5" outlet already installed on your tank.

B – [Teflon Tape](#) – We recommend all male (external) threads be wrapped with Teflon Tape.

Home Depot Internet # [202206819](#) Store SKU 788287

C - [1-1/2 in. x 3/4 in. PVC Sch. 40 Reducer Bushing](#) *This reduces the 1.5" threads to 3/4" threads.*

Home Depot Internet # [203850928](#) Store SKU 745145

D - [3/4 in. MHT x 3/4 in. MIP x Tapped 1/2 in. FIP Lead-Free Brass Garden Hose Adapter Fitting](#)

This converts the Pipe Thread into Garden Hose Thread.

Home Depot Internet # [300095988](#) Store SKU #878041

E – Shut-off Adapters - *These shut-off coupling's with ball valves allow you control of water from off to full flow and any flow-rate in between.*

[Single Flex Connect Shut-Off Hose Adapter](#) Home Depot Internet # [205886165](#) Store SKU 456089

We recommend this option, because of the flex connection. If the hose is pulled too hard sideways, there is a risk of cranking the fittings/connections. However, any of the following shut-off adapters will work just as well:

[3/4 in. Threaded Brass Shut-Off Coupling](#) Home Depot Internet # [100659291](#) Store SKU 442559

[Metal Hose Shut-Off](#) Home Depot Internet # [203136689](#) Store SKU 1000527905

Installation Steps

Wrap the Teflon Taps **(B)** around all the male (external) threads tightly. This is an added insurance against leaks.

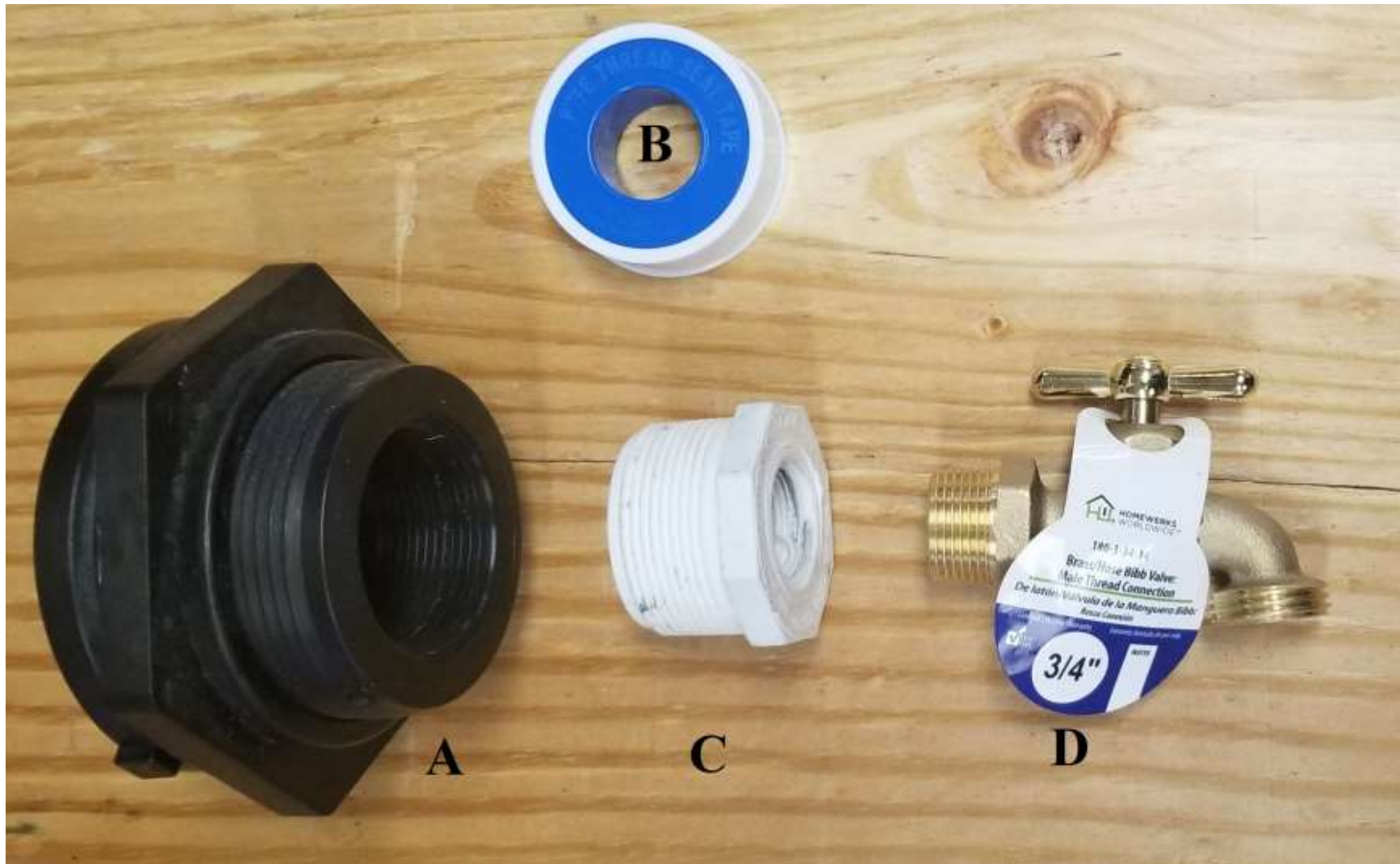
Screw the 2 in. x 1-1/2 in. PVC Sch. 40 Reducer Bushing **(C)** into the 1.5" outlet installed on the tank **(A)** .

Screw the Pipe Thread to Garden Hose Thread Adapter **(D)** into **(C)** that you just installed.

Screw the Garden Hose Shut-Off Adapter **(E)** into **(D)** from the prior step.

Connect your Garden Hose and you're done!! Only screw each fitting in as tightly as you can; overtightening can damage the threads. It is completely normal to be unable to screw the pieces in all the way and have some threads still exposed.

Connect a Spigot to tank (when placed on a raised platform) **Photo 2**



A – The 1.5" outlet already installed on your tank.

B – [Teflon Tape](#) – *We recommend all male (external) threads be wrapped with Teflon Tape.*

Home Depot Internet # [202206819](#) Store SKU 788287

C - [1-1/2 in. x 3/4 in. PVC Sch. 40 Reducer Bushing](#) *This reduces the 1.5" threads to 3/4" threads.*

Home Depot Internet # [203850928](#) Store SKU 745145

D - [3/4" Brass Spigot \(Lead Free\)](#) Home Depot Internet # [301705704](#)

Installation Steps

Wrap the Teflon Taps **(B)** around all the male (external) threads tightly. This is an added insurance against leaks.

Screw the 2 in. x 1-1/2 in. PVC Sch. 40 Reducer Bushing **(C)** into the 1.5" outlet installed on the tank **(A)** .

Screw the 3/4" Brass Spigot **(D)** into **(C)** that you just installed.

Connect your Garden Hose and you're done!! Only screw each fitting in as tightly as you can; overtightening can damage the threads. It is completely normal to be unable to screw the pieces in all the way and have some threads still exposed.

Plug 1.5" bottom outlet **Photo 3**



A – The 1.5” outlet already installed on your tank.

B – [Teflon Tape](#) – We recommend all male (external) threads be wrapped with Teflon Tape.

Home Depot Internet # [202206819](#) Store SKU 788287

C - [1.5" Male Plug](#) Home Depot Internet # [100346681](#) Store SKU 189251

Installation Steps

Wrap the Teflon Taps **(B)** around all the male (external) threads tightly. This is an added insurance against leaks.

Screw the 1.5" Male Plug **(C)** into the 1.5" outlet installed on the tank **(A)** .

Only screw each fitting in as tightly as you can; overtightening can damage the threads. It is completely normal to be unable to screw the pieces in all the way and have some threads still exposed.

Plug 1" top inlet Photo 4



A – The 1" top inlet already installed on your tank.

B – [Teflon Tape](#) – *We recommend all male (external) threads be wrapped with Teflon Tape.*

Home Depot Internet # [202206819](#) Store SKU 788287

C - [1" Male Plug](#) Home Depot Internet # [203850364](#) Store SKU 745341

Installation Steps

Wrap the Teflon Taps **(B)** around all the male (external) threads tightly. This is an added insurance against leaks.

Screw the 1" Male Plug **(C)** into the 1" outlet installed on the tank **(A)** .

Only screw each fitting in as tightly as you can; overtightening can damage the threads. It is completely normal to be unable to screw the pieces in all the way and have some threads still exposed.