

# HydraMax<sup>®</sup> Home

Installation Guide

4-Bucket



# THANK YOU!

Welcome to the world of hydroponics with the HydraMax Recirculated Deep Water Culture System (RDWC)! We are thrilled to have you as part of our hydroponic community and would like to express our sincere gratitude for choosing the HydraMax system. Assembling your RDWC system is a breeze, designed with simplicity and efficiency at its core. Our comprehensive instructions and user-friendly design ensure a quick and hassle-free setup process. Get ready to unlock the full potential of your plants as they thrive in the oxygen-rich, nutrient-dense environment created by the HydraMax RDWC. Experience the wonders of hydroponics like never before!

## **Before you begin...**

To ensure a smooth assembly process, there are a couple items you'll need. Firstly, make sure you have some teflon tape on hand to secure the pump adapter fittings effectively. This tape will provide a reliable seal, preventing any potential leaks. Additionally, having a pair of adjustable pliers will come in handy for securely tightening the threaded fittings. These pliers allow you to achieve a snug fit, ensuring the components are firmly connected.

# Qwik-Lok Plumbing

*Understanding Qwik-Lok*



To connect a Qwik-Lok hose, with the blue ring in the "latched" position, simply push the hose onto the fitting.



Once connected, slide the blue ring to the "locked" position.

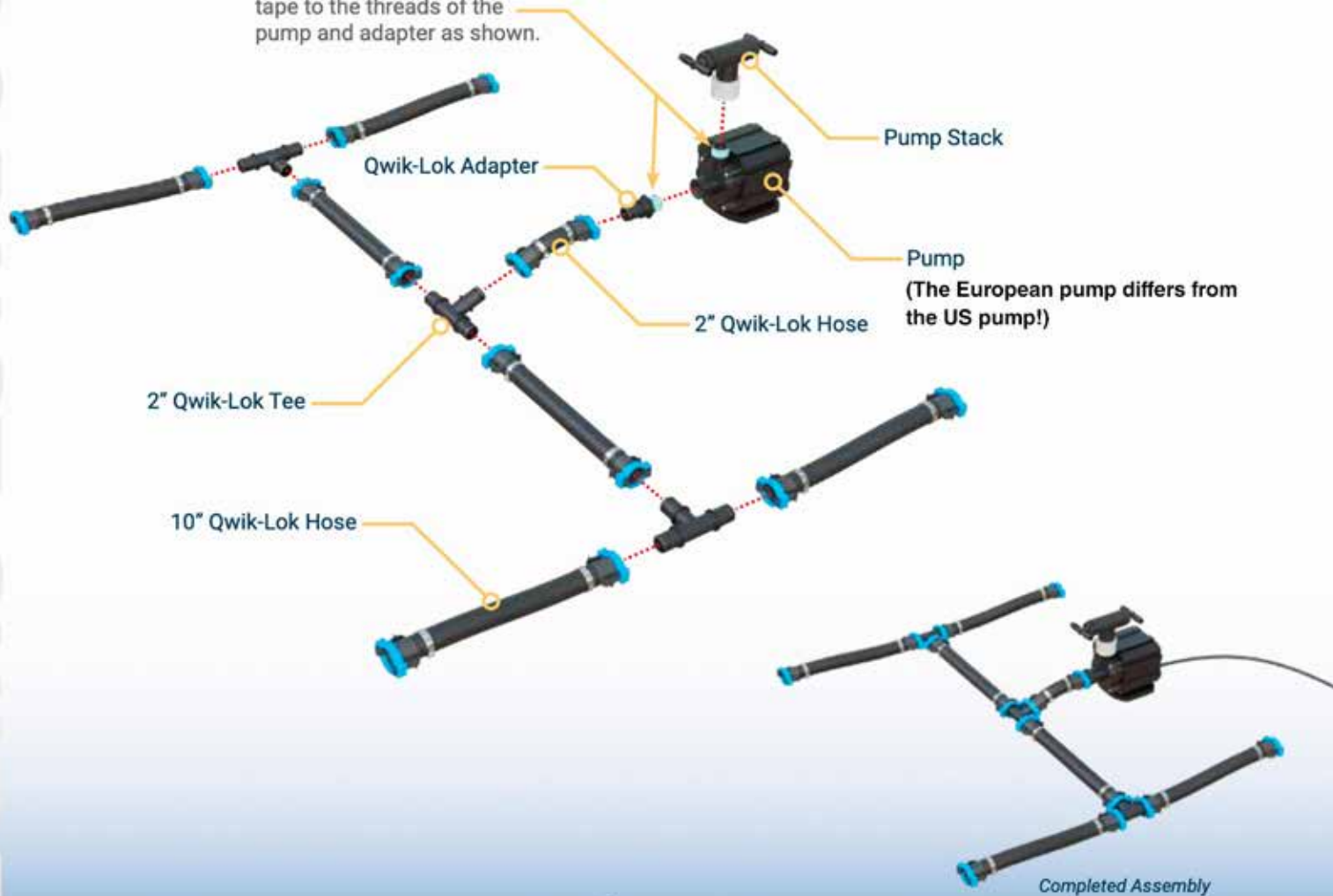


To disconnect, hold the blue ring with two fingers and pull the hose off of the fitting in one motion.

# System at a Glance

Plumbing Assembly

Apply 2-3 wraps of Teflon tape to the threads of the pump and adapter as shown.



# System at a Glance

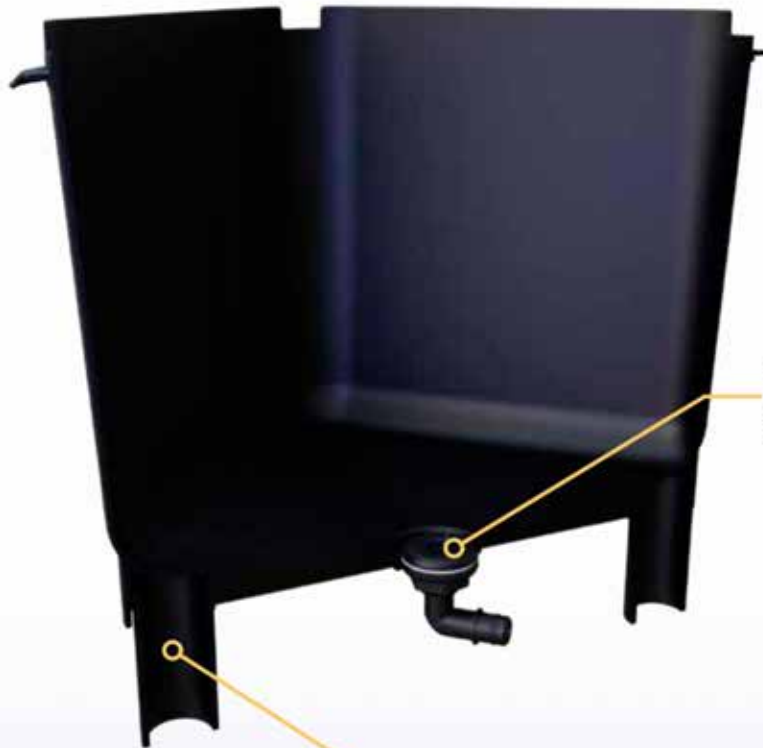
*Bucket Assembly*



*Completed Assembly*

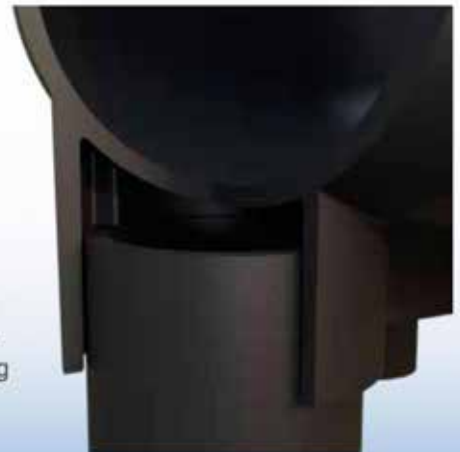
# Bucket Assembly

*A Closer Look*



Insert the drain fitting and gasket from inside the bucket and tighten the nut below.

Insert each leg into the bucket and then press or tap the bucket onto a level surface to ensure that each leg is fully seated.



# Putting it all Together

*Final Assembly*



Once the buckets are assembled, connect the drain of each bucket to the four open ends of the plumbing and connect each circulator to the pump as shown.

**(The European pump differs from the US pump!)**

# Adding a Chiller

Assembly Diagram



The HydraMax Home, 4-Bucket System is Chiller compatible. Connect the chiller between the pump and the circulator tee with the parts included as shown.

(The European pump differs from the US pump!)

Some components removed for clarity.

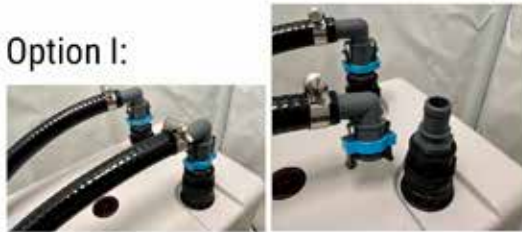
# Deviating connections (Europe)

Depending on the chiller connection size, there are different options for connecting it to the 3/2" Qwik-Lok hoses.

Without Chiller



Option I:



Option II:



Option III:



Connect pump as shown below

