



TUNE[®]

Tune H2O System Care Guide

About This Guide

This guide covers day-to-day use of the Tune H2O System: Filling and emptying the water tanks, running the water pump, using the countertop, and winterizing the system.

Contact [Tune Outdoor Customer Care](#) for replacement parts. Do not substitute non-Tune Outdoor components in the water system.

This guide does not cover installing or removing the cabinet. See the Tune Cabinet User Guide for a step-by-step guide to the cabinet. It is not recommended to remove the sink basin from the countertop.

Tune H2O System Components and Service Tools Required

Components:

Sink Basin

Faucet and Faucet Handle

SEAFLO 42 Series Pump & Strainer

Power Switch (Pump Power)

5 gal Fresh Water Tank

5 gal Grey Water Tank

Cam Strap (Secures Water Tanks)

Under Sink Access Door

Integrated Cutting Board

Tools for Field Service:

T25 Driver

T40 Driver

Crescent Wrench

10mm Wrench

13mm (½") Wrench

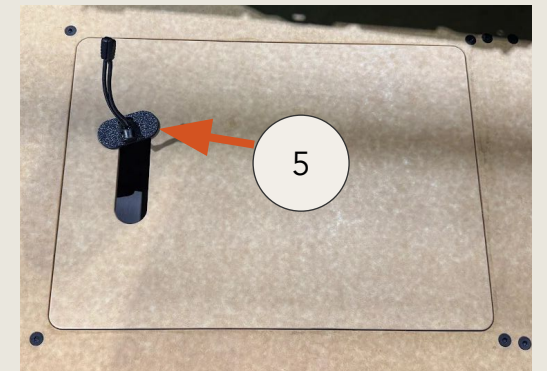
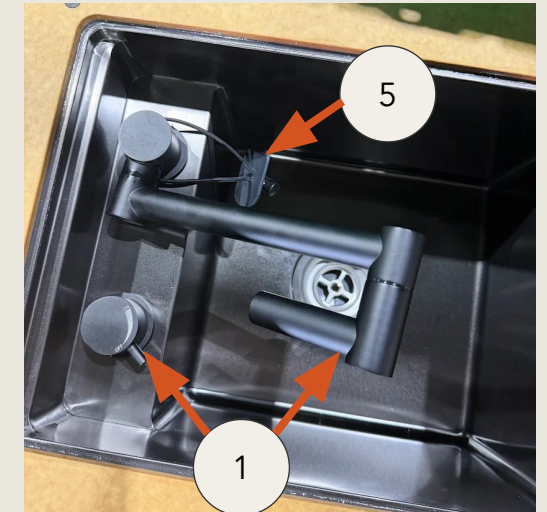
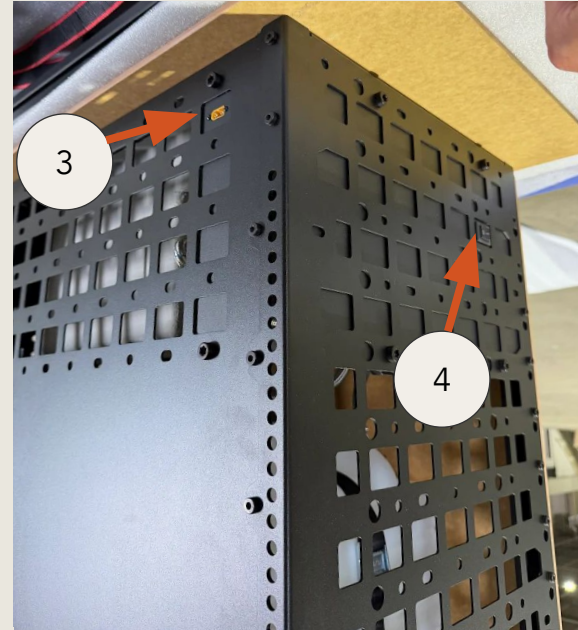
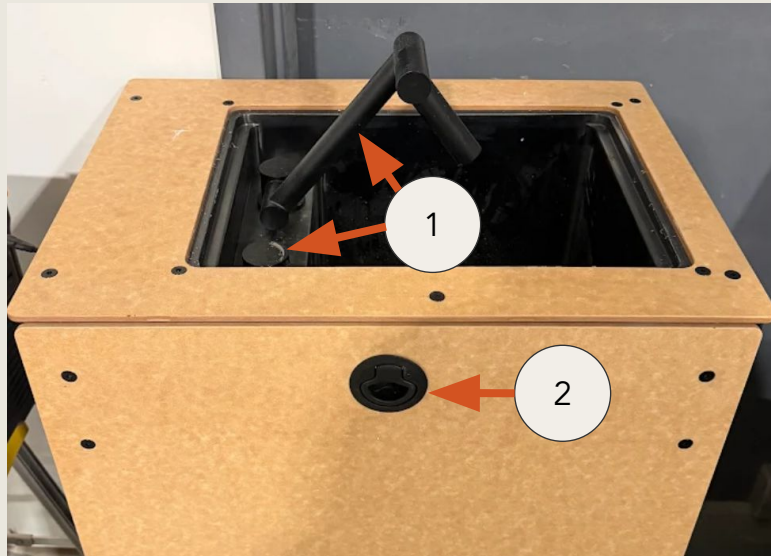
25mm (1") Wrench

Flathead Screwdriver

Know Your Tune H2O System: External

External Sink Components:

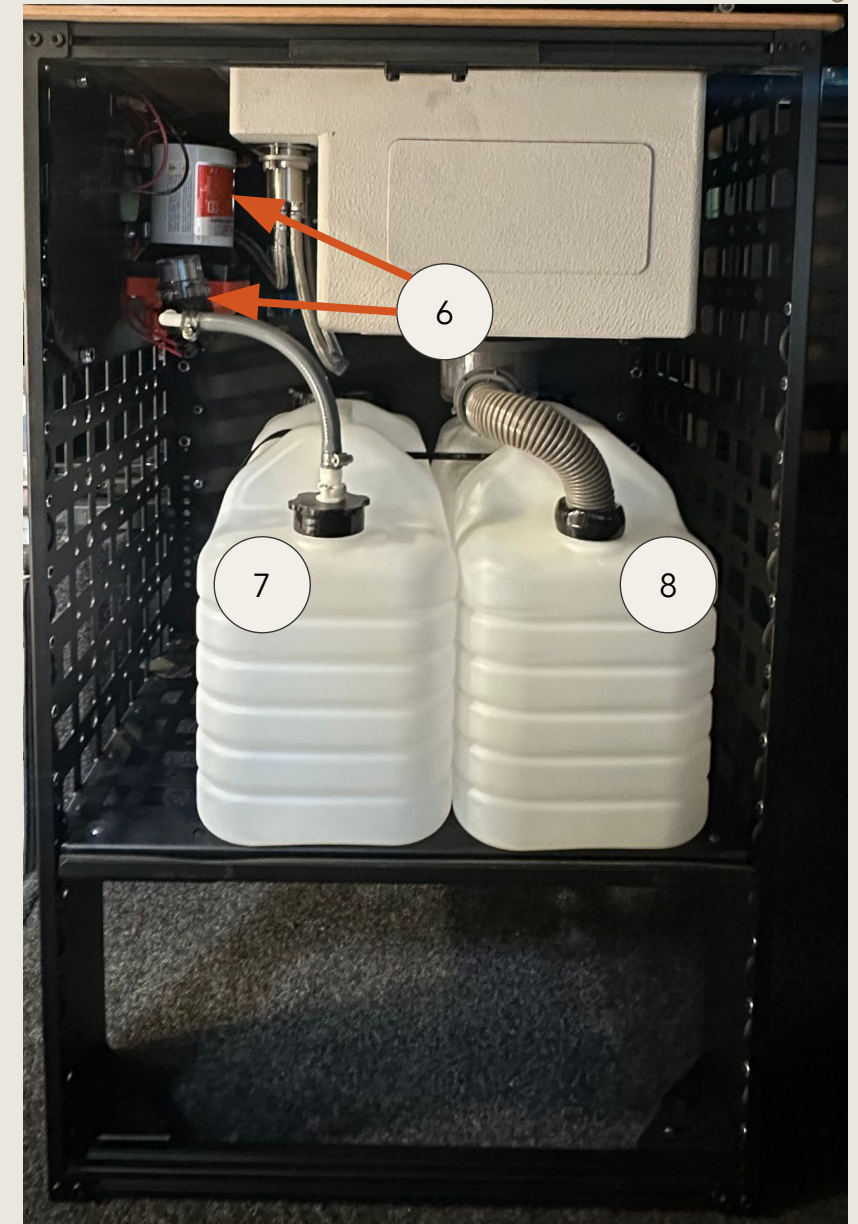
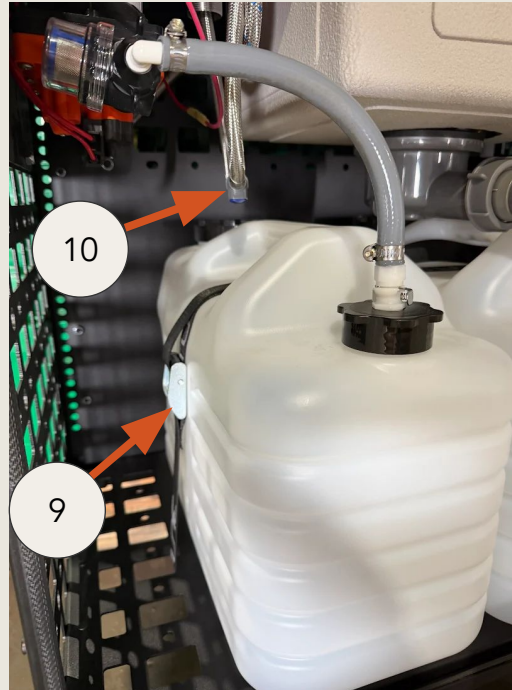
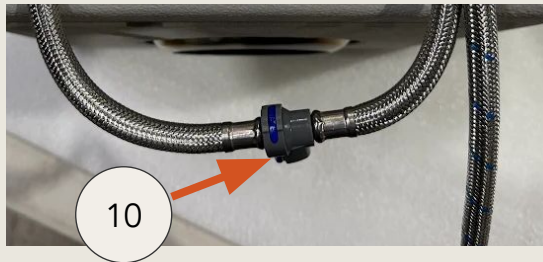
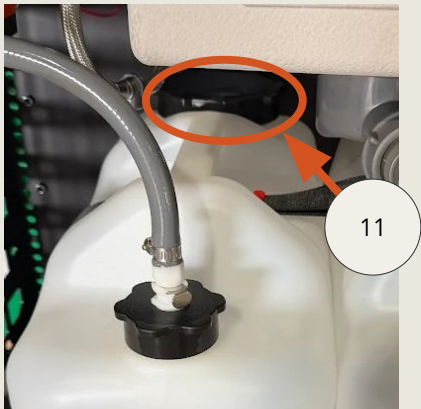
1. Faucet and Faucet Handle
2. Undersink Access Door
3. Power Plug (XT60 Connection)
4. Power Switch
5. Cutting Board and Transit Retention Cord



Know Your Tune H2O System: Internal

Internal Sink Components:

- 6. Water Pump and Strainer
- 7. Fresh Water Tank with Quick-Connect Fitting
- 8. Grey Water Tank and Drain Connection
- 9. Cam Strap for securing Water Tanks
- 10. Faucet Water Line Quick-Connect
- 11. Fill/Drain Cap

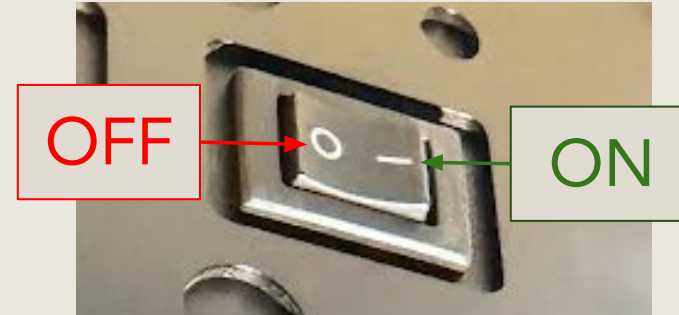


Before you use:

1. Confirm the power plug is fully plugged in (Fig 1) and the power switch is in the OFF position (Fig 2).



(Fig 1)



(Fig 2)

2. Confirm the cam strap holding both tanks to the MOLLE-style cabinet panels is tight and secure (Fig 3).



(Fig 3)

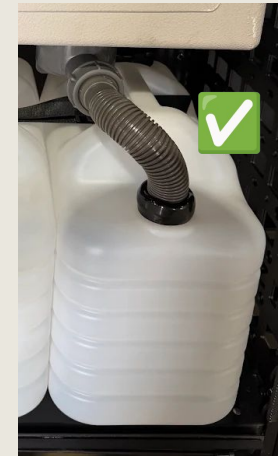


Before you use:

3. Confirm the fresh water tank quick-connect is fully plugged in (Fig 4), and the sink drain pipe is installed through the gasket in the grey water tank cap (Fig 5).



(Fig 4)



(Fig 5)

Your Tune H2O System ships sanitized and ready-to-use. If the camper has been stored, see [“Care & Cleaning — Water Tanks”](#) before you fill the tanks.

ⓘ The fresh and grey water tanks are NOT interchangeable. They use different intake and drain components.

Filling the Fresh Water Tank

1. Release the cam strap that secures the fresh and grey water tanks.
2. Disconnect the hose from the fresh water tank by pushing the release button on the quick-connect fitting and gently pulling the hose away from the tank.
3. Remove the fresh water tank from under the sink and open the fill/drain cap located on the back of the fresh water tank.
4. Fill the tank with approximately 5 gallons (18.5L) of water and securely screw on the fill/drain cap.
5. Re-connect the fresh water hose by fully seating the hose fitting into the quick-connect fitting.
6. Re-connect the loose end of the cam strap to the cam buckle and tighten the cam strap to secure the fresh and grey water tanks.

Emptying the Grey Water Tank

Empty the grey water tank before it reaches capacity. It holds approximately 5 gallons — roughly the same as one full fresh water tank.

1. Release the cam strap holding both tanks in place, then gently pull the drain pipe straight up and out of the grey water tank cap.
2. Carry the grey water tank to a disposal point and empty it.
 - a. RV Dump Station — Found at campgrounds, many truck stops, and some rest areas.
 - b. A Toilet or Utility Sink — At a campground, trailhead facility, or your home. Never dump grey water in a storm drain. Storm drains run untreated to creeks and rivers.
 - c. Dispersed Camping, No Facilities Available — Strain out all food particles and pack them out with your trash, then scatter the water widely at least 200 feet (about 70 adult steps) from any water source, campsite, or trail. Do not pour all the water in one spot.
3. Rinse the tank to avoid waste build-up.
4. Reinstall the tank, insert the drain pipe into the gasket in the grey water tank cap and re-tighten the cam strap.

ⓘ Rules vary by state and land agency.
Check local regulations before you dump.

Operating the Tune H2O System

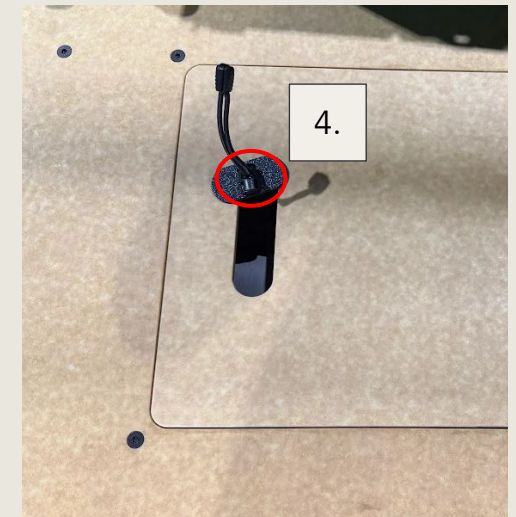
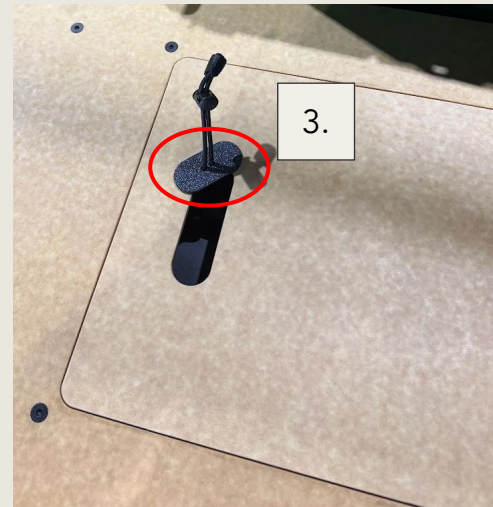
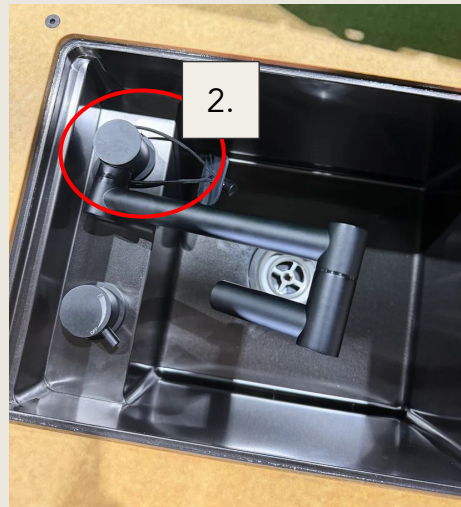
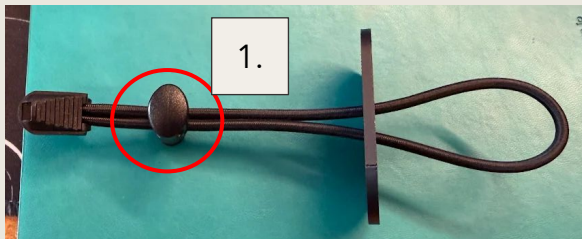
The sink water pump is pressure-activated. With the power switch in the ON position, operate the faucet handle to run water.

1. Power the sink water pump by turning the power switch to the ON position.
 - a. — = ON position, O = OFF position
 - b. Please refer to earlier slide [Know Your Sink Module: Exterior](#) for the power switch location.
2. Open the faucet handle to run water. The maximum flow rate is 3 GPM.
3. Close the faucet handle to stop water flow.
4. For transit, or whenever the camper is unattended, we recommend disabling the water pump by turning the power switch to the OFF position.

Securing Your Cutting Board

The cutting board is held in place for travel by a simple elastic cinch strap.

1. Loosen the elastic cord lock by squeezing the button.
2. Slide the elastic loop onto the sink faucet and move it to the base of the faucet.
3. Slip the retention plate through the opening in the cutting board.
4. Tighten the cinch strap by sliding the elastic cord lock tight against the retention plate, securing the cutting board in place.



Using the Countertop & Cutting Board

Your countertop and cutting board/sink cover are made of Richlite, which is a durable and high-quality material. The countertop can be damaged if used as a cutting surface. The sink cover is intended to be used as the cutting board. Expect normal wear & tear when using the cutting board.

- Wipe up any standing water rather than letting it sit on the surface.
- Do not use abrasive cleaners or solvents on the Richlite countertop or undersink access door. Please follow the [Richlite Care & Maintenance Guide](#) for approved products and finish maintenance.
- The countertop and cutting board can withstand heat up to 350F (176C). It is not recommend to place hot pots or pans directly on the surface. Please use a trivet or pot holder when setting hot pots or pans on the countertop or cutting board.
- The sink basin is bolted and sealed to the Richlite countertop with silicone. It should not be removed or relocated.

Care & Cleaning — Water Tanks

1. Wash each fresh and grey water tank thoroughly with hot and soapy water. Rinse completely and thoroughly.
2. Sanitize each tank using a solution of 1 teaspoon of unscented household bleach per 1 quart of water. Swish the bleach solution to coat all tank surfaces, then let it sit for 30 seconds. Drain each tank and allow them to fully air-dry before re-installing.
3. The fresh and grey water tanks are made from food-grade polyethylene. Diluted bleach is recommended for a sanitizing cycle, but do not store bleach solution in them beyond 24 hours.

Before storage, ensure each tank is fully air-dried with the caps off. A sealed, damp tank has the potential to grow biofilm.

Care & Cleaning — Sanitizing

Your Tune H2O System comes sanitized and ready-to-use at the time of install. We recommend sanitizing the system after storage of two weeks or more, six months of regular use, or any time the water tastes or smells off.

1. Empty and disconnect the fresh water tank.
2. Mix 1 tablespoon of unscented household bleach into 1 gallon of water, add it to the tank, then fill the remainder with more water. Never pour bleach into an empty tank.
3. Re-connect the tank, flip the sink water pump power switch to the ON position, and run the faucet until you smell bleach. Switch the sink water pump power switch to the OFF position.
4. Let the system stand for at least 12 hours, but no more than 24 hours.
5. Drain, refill with clean water, and run the faucet until there is no bleach smell.
6. Rinse and dry the sink basin as soon as you flush the system. Chlorine left standing can damage the stainless steel sink surface.

Care & Cleaning — Sink Basin

DO's:

Mild dish soap, soft cloth, or nylon pad

Bar Keepers Friend for stains or haze

White vinegar for hard-water spots

Rinse and dry after every use

Scrub with the grain, never across it

DON'Ts:

Steel wool or abrasive pads

Chlorine bleach left on the surface

Oven and drain cleaners (acids)

Wet sponges or mats left in the basin

Standing citrus, tomato, or salty food

Water Pump & Strainer Care

Inspect the water pump strainer, located between the fresh water tank and water pump once every 6 months, or if you experience a reduced flow rate.

Inspection/Care Procedure:

- 1) To inspect the mesh screen, unscrew the clear plastic cover & remove the mesh screen.
- 2) Inspect the mesh screen for tears or holes. If any of these conditions are present, replace the mesh screen (contact Tune Outdoor Customer Service for a replacement mesh screen).
- 3) Clean both the mesh screen & clear plastic cover thoroughly. Use warm soapy water and a soft bristle bottle brush. If any biofilm is present, clean and disinfect with 10% chlorine bleach solution. Rinse thoroughly.
- 4) Reinstall the mesh screen then securely screw the clear plastic cover.



Winterizing the H2O System

1. Disconnect the water pump from the fresh water tank using the quick-connect fitting.
2. Run the water pump to ensure no water remains in the system.
3. Winterization:
 - a. Disconnect the inlet hose from the fresh water tank.
 - b. Connect the inlet hose to a container of non-toxic RV antifreeze (typically pink, propylene glycol-based).
 - c. Run the non-toxic RV antifreeze through the system until you see the antifreeze come through the faucet.
4. De-Winterizing:
 - a. Flush the entire system completely by running fresh water through the system until the water runs completely clear.
 - b. Perform "[Sanitizing the Fresh Water System](#)" procedure (page 14 of this document).

ⓘ Water left in the pump or lines can freeze and damage components. Winterize before any freezing weather.

Preparation for Freezing Temperatures

Water left in the water pump or fresh water lines can freeze and damage components. If there is any chance your fresh water system may experience below freezing temperatures, we recommend draining the system.

Draining the Fresh Water System:

1. Disconnect the water pump from the fresh water tank using the quick-connect fitting.
2. Run the water pump to ensure no water remains in the system.
3. Empty the fresh and grey water tanks.
4. Disengage the fresh water line at the quick-connect fitting (see image on [page 5](#)) to remove any residual water.
5. Unscrew the water pump strainer clear plastic cover to remove any trapped water.

ⓘ Water left in the pump or lines can freeze and damage components.

Uninstalling Your Interiors with the Tune H2O System

Prior to uninstalling your cabinet, please perform the following steps with your water system:

1. Ensure the power switch is in the OFF position.
2. Open the cabinet access door and remove the cam strap to release the water tanks.
3. Remove both the fresh and grey water tanks.
4. Unplug the power plug for the water pump, located on the back side of the cabinet and accessible through the side awning door.

Follow the Tune Cabinet User Guide to fully remove the cabinets from your Tune Outdoor Camper.

Connecting Your Tune H2O System after Cabinet Reinstall

After reinstalling your cabinet with the water system, perform the following steps to prepare your water system for use.

1. Ensure the power switch located on the side of the cabinet is in the OFF position.
2. Plug in the power plug for the water pump, located on the back side of the cabinet and accessible through the side awning door.
3. Install the fresh and grey water tanks.
4. Tighten the cam strap holding both tanks in place.
5. Test the system:
 - a. Turn the power switch located on the side of the cabinet to the ON position.
 - b. Remove the cutting board and adjust the faucet head to its operational position.
 - c. Open the faucet handle and confirm that water is flowing consistently from the faucet head and drain water is draining into the grey water tank.
 - d. Inspect the system to ensure there are no drips or leaks.
6. Your Tune H2O System is ready for use.

Troubleshooting Guide

Quick Diagnostic

Symptom	Most Likely Cause	Go To Section
Pump does not run at all	No power to the pump	"Confirm Power to the Pump", page 23
Pump runs, no water at faucet	Empty tank, air lock, or blocked strainer	"Confirm Water Supply", page 24
Weak or pulsing flow	Partial blockage or air in the line	"Confirm Water Supply", page 24
Leak/water under the cabinet	Loose fitting or failed seal	"Leaks", page 25
Sink Drainage - slow or not draining	Blocked drain or full grey tank	"Slow or No Drain", page 26

Confirm Power to the Pump

1. Locate the Power Plug (XT-60) on the rear side of the cabinet. Unplug and firmly reseal the power plug connection.
2. Confirm the camper's 12V system is live and the battery has charge. The pump draws up to 7A.
3. Confirm the fuse between the water pump and the pump rear panel has not blown.
4. Confirm the power switch is in the ON position.
5. Test the system by opening the faucet handle.
6. If the issue persists, contact Tune Outdoor Customer Service.

Confirm Water Supply

1. Check the fresh water tank level and ensure that there is water in the tank. The tank holds approximately 5 gallons.
2. Confirm the fresh water tank quick-connect is fully seated at both ends. See [Page 7, Figure 4](#).
3. Inspect the water pump strainer for debris and clean if needed. See [“Pump & Strainer Care”, Page 16](#).
4. Fully open the faucet handle and let the water pump run to clear air from the line.
5. If the issue persists, contact Tune Outdoor Customer Service.

Leaks

1. Completely dry the area, turn the faucet handle to the open position, and look for leaks/drips.
2. Check all water line connections and ensure they are tight and secure:
 - a. Fresh Water Tank to Hose Quick-Connect Fitting. [See page 7, Figure 4.](#)
 - b. Faucet Water Line Quick-Connect Fitting. [See page 5, Item 10.](#)
3. Check to ensure the sink drain pipe is fully inserted into the gasket in the grey water tank cap. [See page 7, Figure 5.](#)
4. Inspect the fresh and grey water tanks for any cracks or punctures.
5. If you are unable to find the source of the leak or the issue persists, contact Tune Outdoor Customer Service.

ⓘ A water pump that runs with the faucet handle closed typically means a leak somewhere in the pressurized side.

Slow or No Drain

1. Check the water level in the grey water tank. It holds approximately 5 gallons.
 - a. If the grey water tank is full, empty it and retest before troubleshooting further.
 - b. If the grey water tank is full & water has backed up the drain hose, take the following steps:
 - i. Prepare a towel or rag around the base of the tank as well as a bucket or secondary drain location for the water trapped in the hose.
 - ii. Remove the hose from the gasket in the grey water tank cap, ensuring the end of the hose is turned upward and extended as high as possible.
 - iii. Drain the trapped hose water into an auxiliary bucket or container.
 - iv. Empty the grey water tank.
2. Confirm the drain hose from the sink basin to the grey water tank is not kinked or pinched.
3. Confirm the drain trap in the sink basin is clear; remove any objects or food blocking the trap.

System Specifications

Sink Basin: 12" x 11" x 6" — 3.43 gal (13 L) capacity

Sink Basin + Faucet Area: 14.5" x 11" x 8.5"

Water Tanks (each): 15.75" x 7.9" x 11.9" (40 x 20 x 30 cm) — approx. 5 gal (18.5 L)

Water Pump: SEAFLO 42 Series 12V diaphragm pump with strainer — 3 GPM max, 55 PSI

Electrical: 12V, 7A max draw, XT-60 plug connection

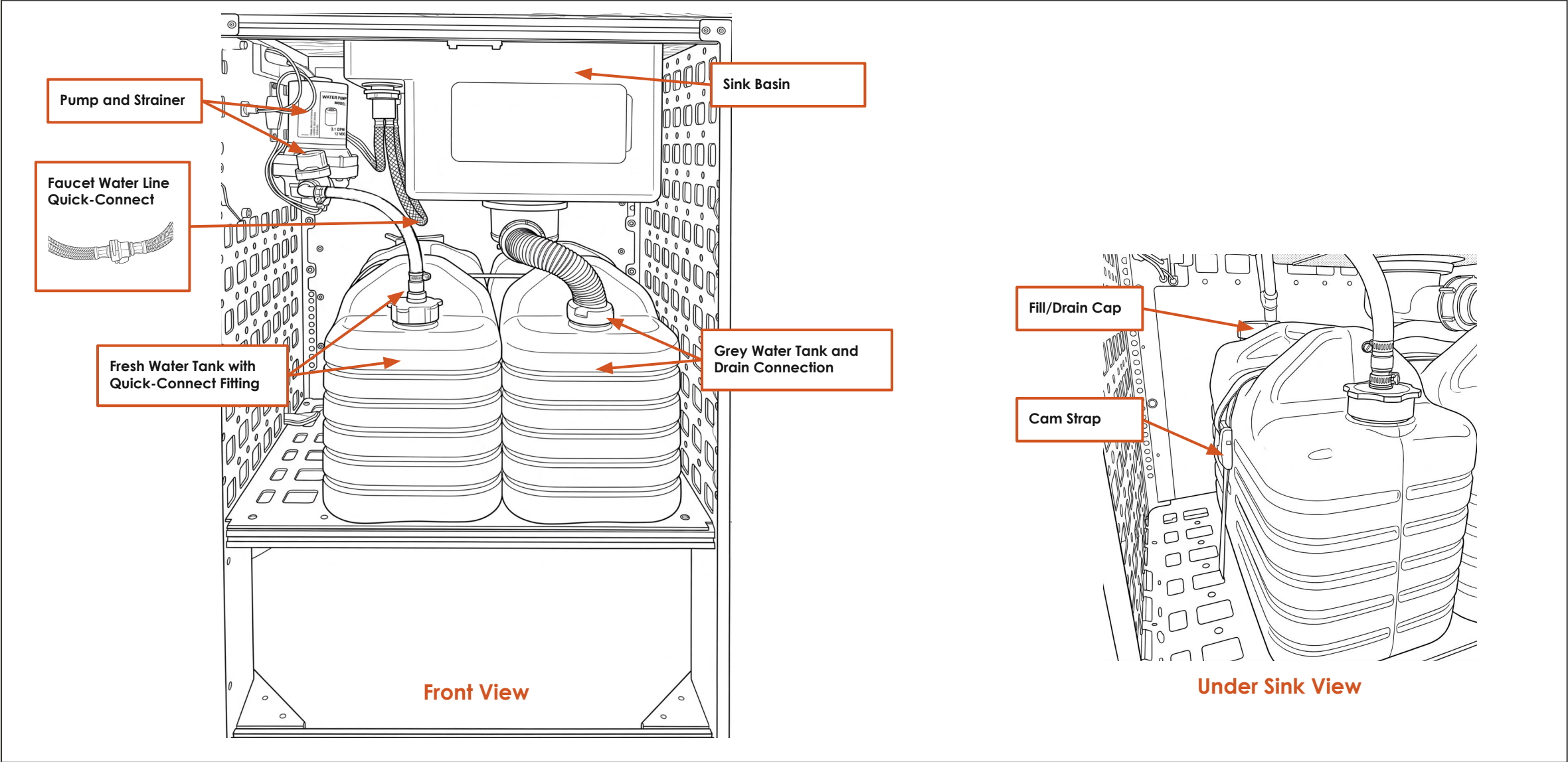
Dry Weight: 33.125 lb. A full fresh water tank adds approx. 40 lb.

Materials: 18-8 stainless basin, polyethylene food-safe tanks, powder-coated aluminum and stainless steel frame, Richlite countertop and access door

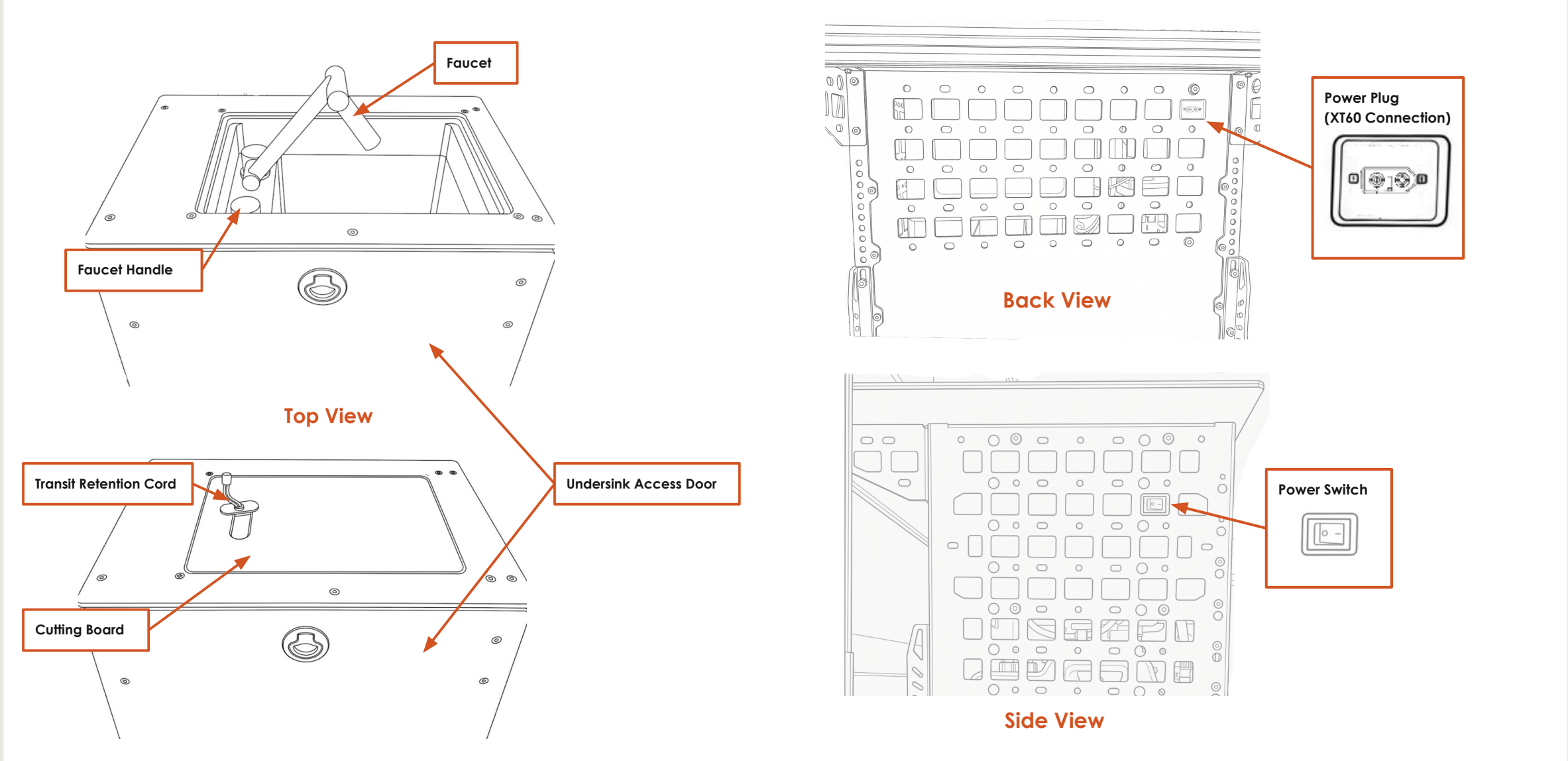
Getting Help

For replacement parts, warranty questions, or anything this guide does not cover, contact Tune Outdoor Customer Care.

Reference

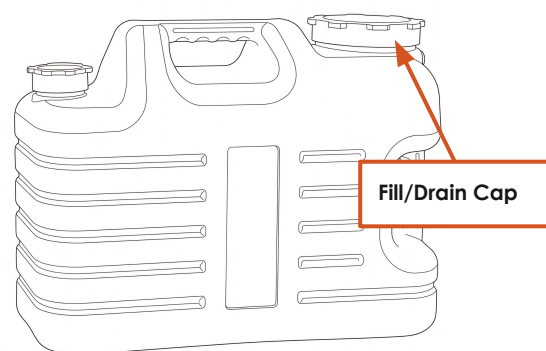


Reference

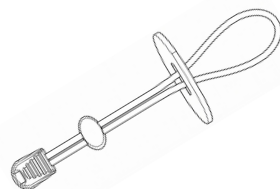


Reference

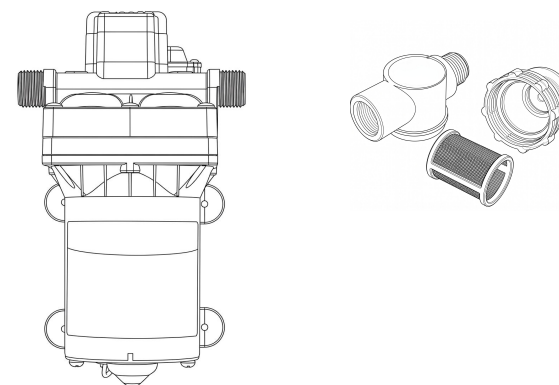
Water Tank



Transit Retention Cord



Water Pump & Strainer



Cam Strap



Cutting Board

