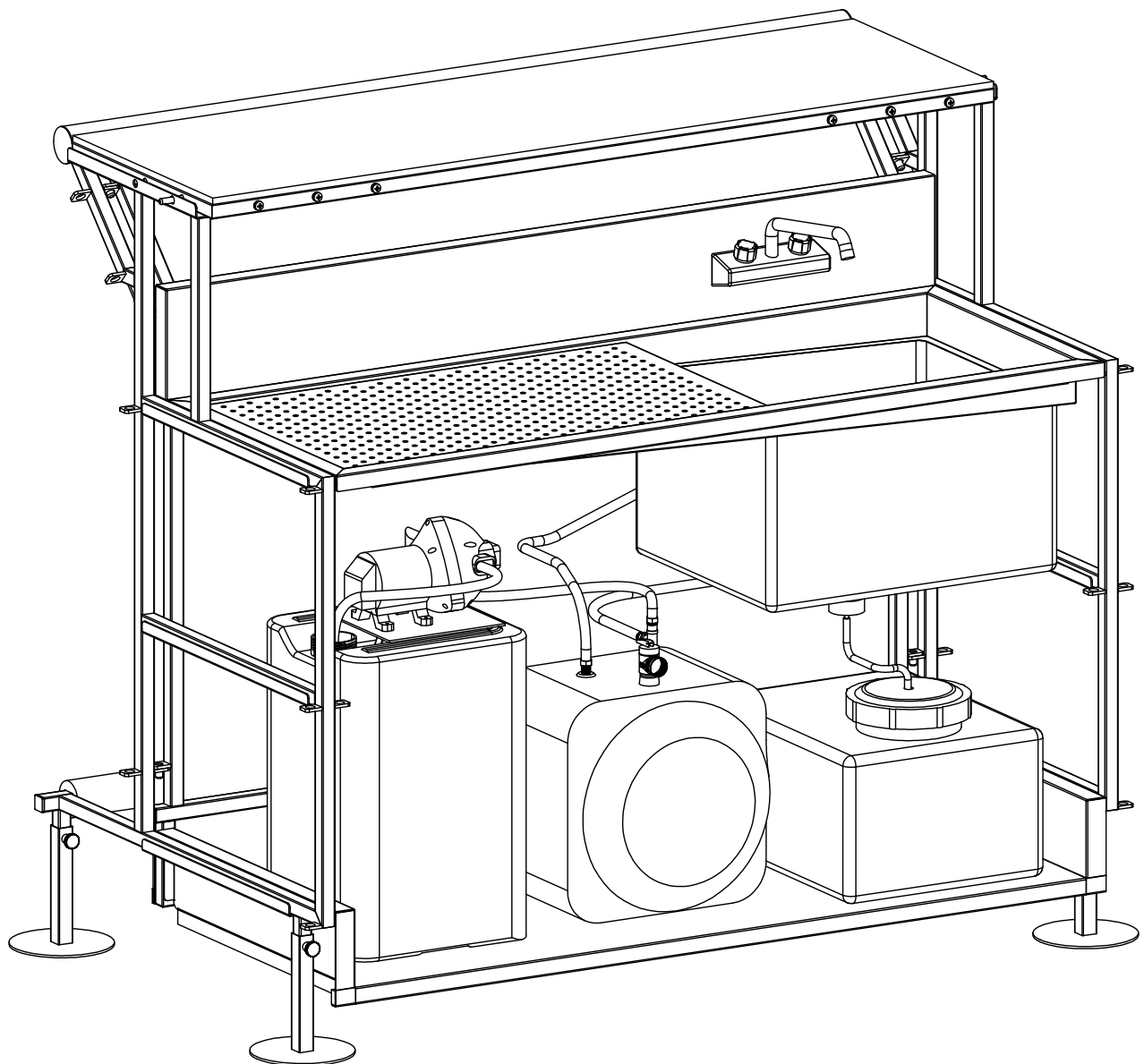


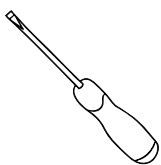


# DRAINBOARD HOT AND COLD SINK SETUP GUIDE



- **Read all the instructions before installing.**
- **Remove all packing materials before you start.**
- **This installation requires basic mechanical skills.**
- **Proper installation is the responsibility of the installer.**
- **Product failure due to improper installation is not covered under the warranty.**
- **Keep this instruction manual.**

### Required tools



Slotted Screwdriver



Pipe Pliers

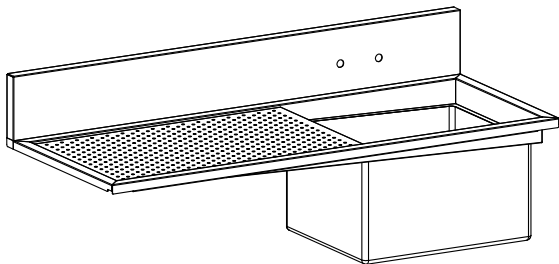


Crescent Wrench

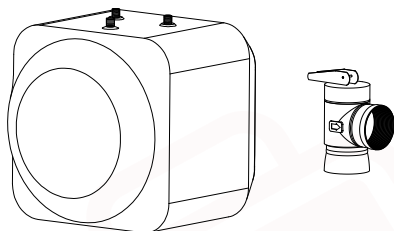


Teflon Tape

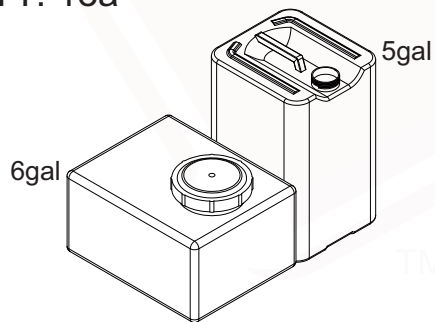
Drainboard  
QTY: 1



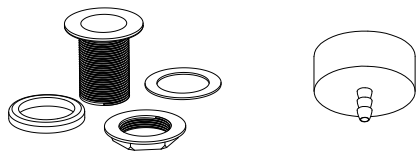
Water Heater and Pressure Relief Valve  
QTY: 1ea



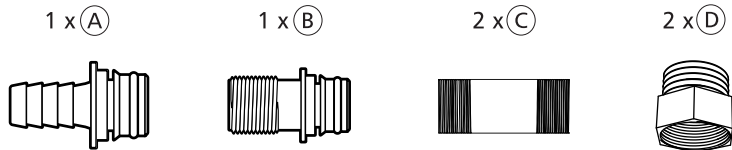
Clean and Gray Water Tanks  
QTY: 1ea



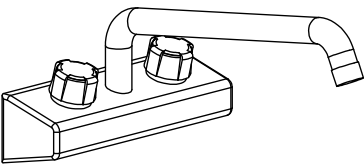
Drainer and adapter  
QTY: 1ea



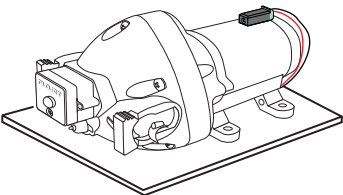
Adapters  
QTY: 6



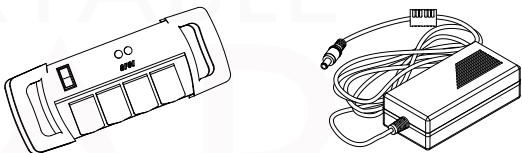
Faucet  
QTY: 1



Pump  
QTY: 1



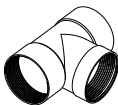
Surge Protector and Power Adapter  
QTY: 1ea



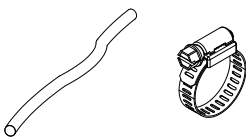
Braided Hoses  
QTY: 3



Splitter  
QTY: 1



Plastic Hose and Clamp  
QTY: 1ea



*Note: Parts are not to scale.*

*Note: A complete Flash Bar Straight Segment is required for this installation guide.*

**STEP 1:** Remove all accessories from your Flash Bar Straight segment including shelves and top counter.

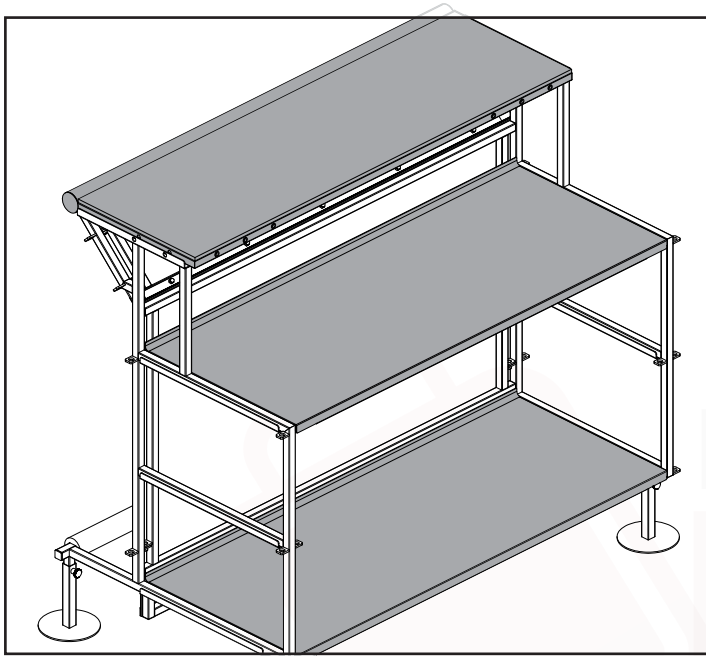


Figure 1

**STEP 2:** Install drop down shelf as shown below:

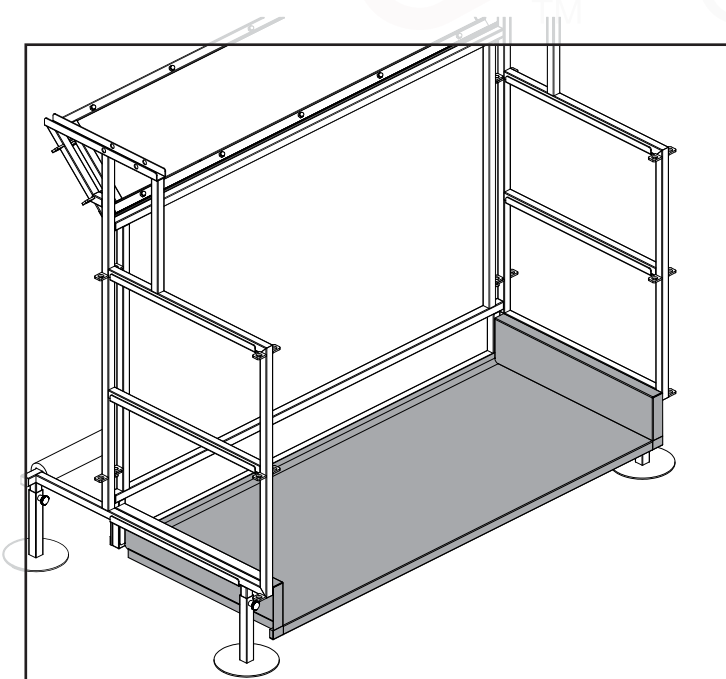


Figure 2

**STEP 3:** Place Drainboard on a flat surface. Install Drainer as shown below:

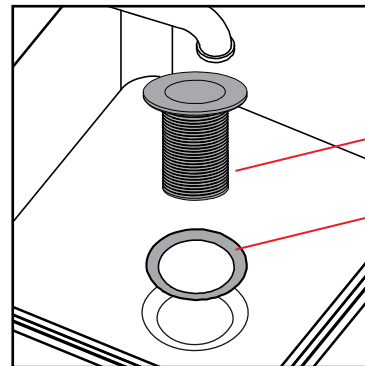


Figure 3

2

Seal Washer

Nut

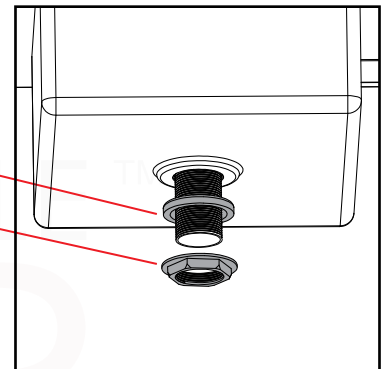


Figure 4

**STEP 4:** Install faucet following the diagram below:

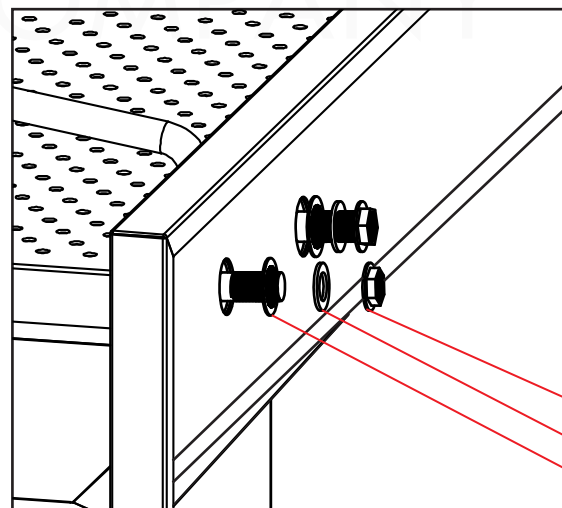


Figure 5

Tooth Lock Washer

Seal Washer

Nut

**STEP 5:** Install elbow adapters on the faucet's inlets and install a braided hose on each side. Use as much teflon tape as needed.

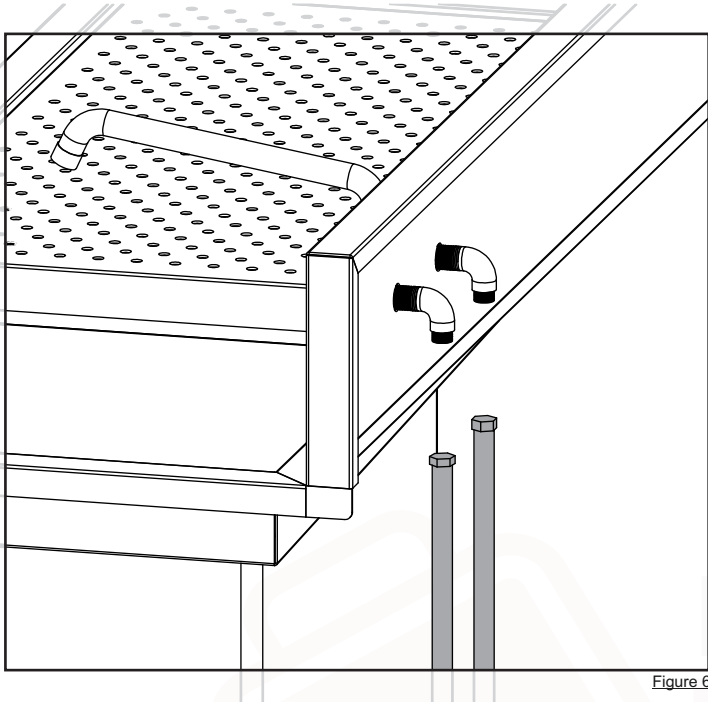


Figure 6

**STEP 6:** Carefully: lift drainboard and slide it in the side frame's channels.

*Note: Two people are advised to move this item.*

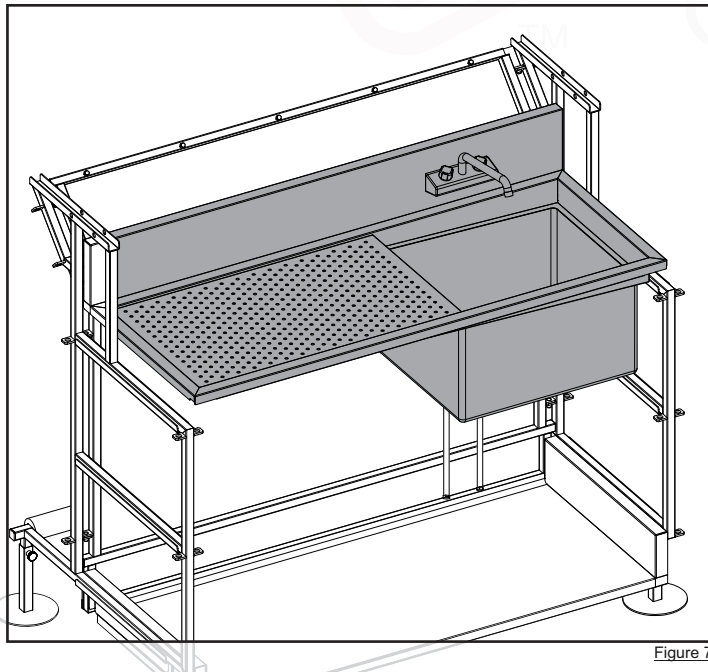


Figure 7

**STEP 7:** Install adapter (A) on the inlet port by pushing it into the pump then use the integrated blue clamp to fix it in place, as shown below. Repeat process for adapter (B)

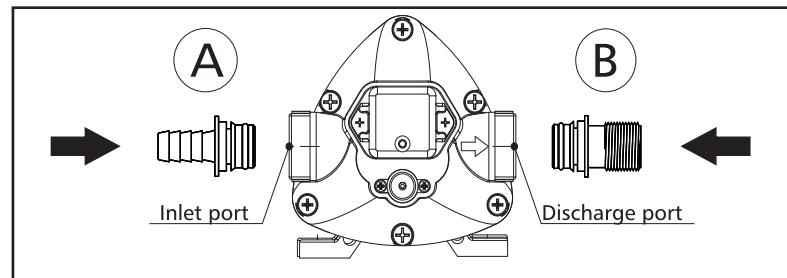


Figure 8

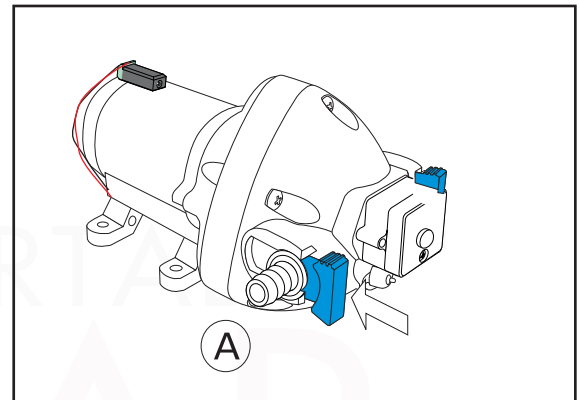


Figure 9

**STEP 8:** Install the clear plastic hose in the pump's inlet port using provided hose clamp. On the outlet port, install one of the provided braided hoses.

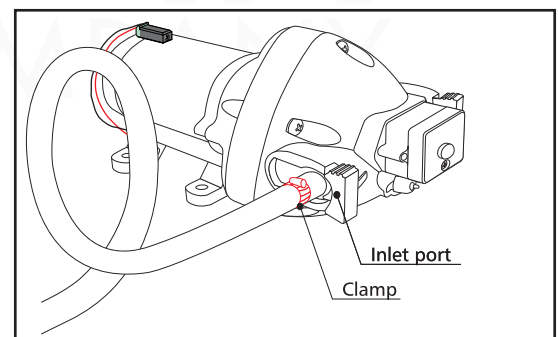


Figure 10

**STEP 9:** Connect both adapters (C) to the splitter following the diagram below:

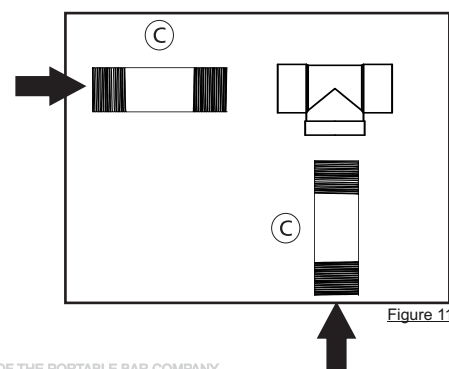


Figure 11

**STEP 10:** Install adapter (D) on the hot and cold connections of water heater. Then install splitter on the cold side as shown below:

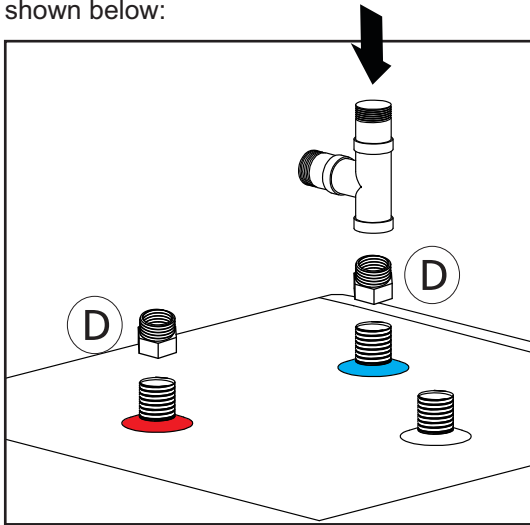


Figure 12

**STEP 11:** Slide in Water Heater and Clean Water Tank as shown:

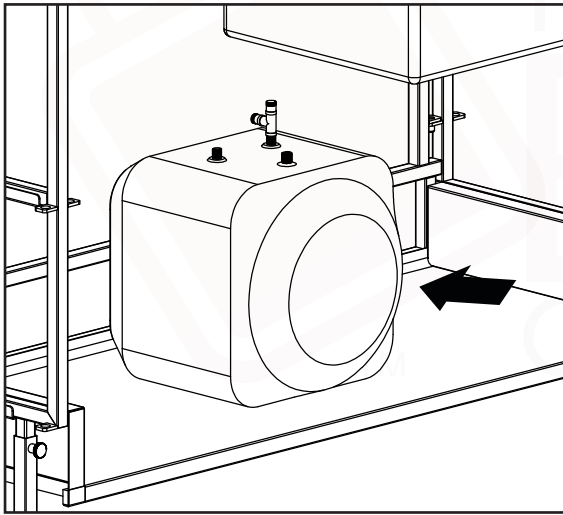


Figure 13

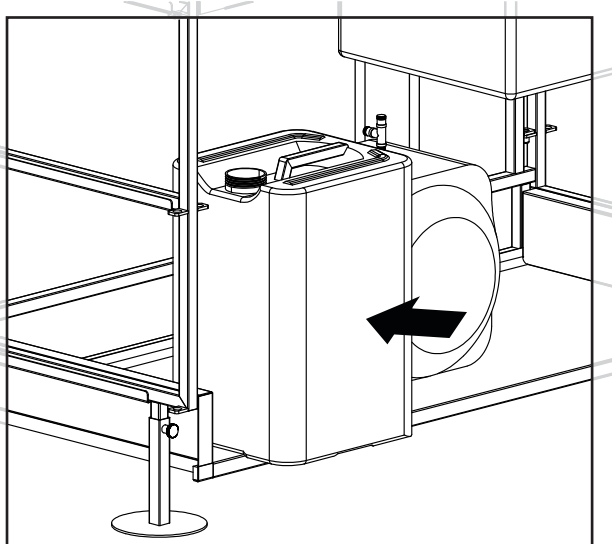


Figure 14

**STEP 12:** Place Water Pump on top of the Clean Water Tank as shown. Then insert the Clear Plastic Hose in the tank's opening and use one of the provided Braided Hoses to connect the splitter to the pump's outlet port.

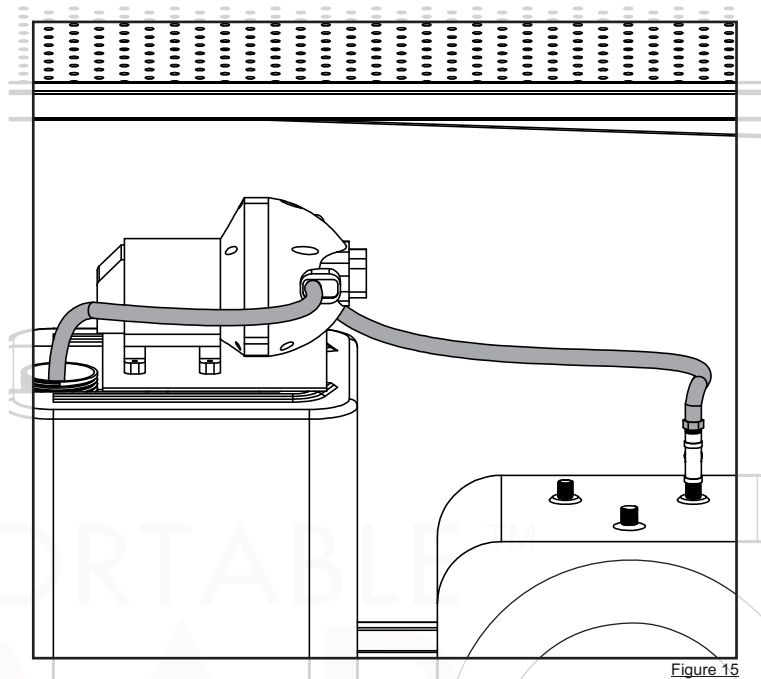


Figure 15

**STEP 13:** Install Water Heater's pressure relief valve.

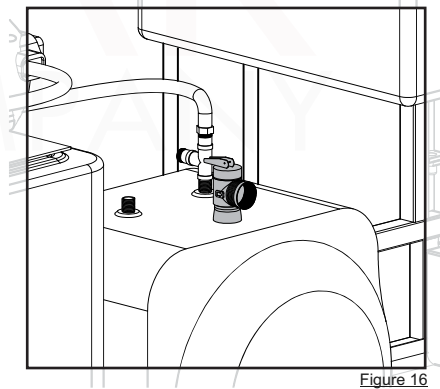


Figure 16

**STEP 14:** Install drainer adapter underneath sink:

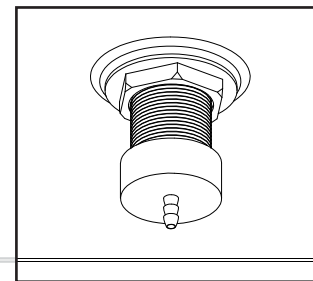


Figure 17

**STEP 15:** Connect the braided hoses hanging from the faucet. Cold side to the splitter and Hot side to the Hot outlet on the Water Heater.

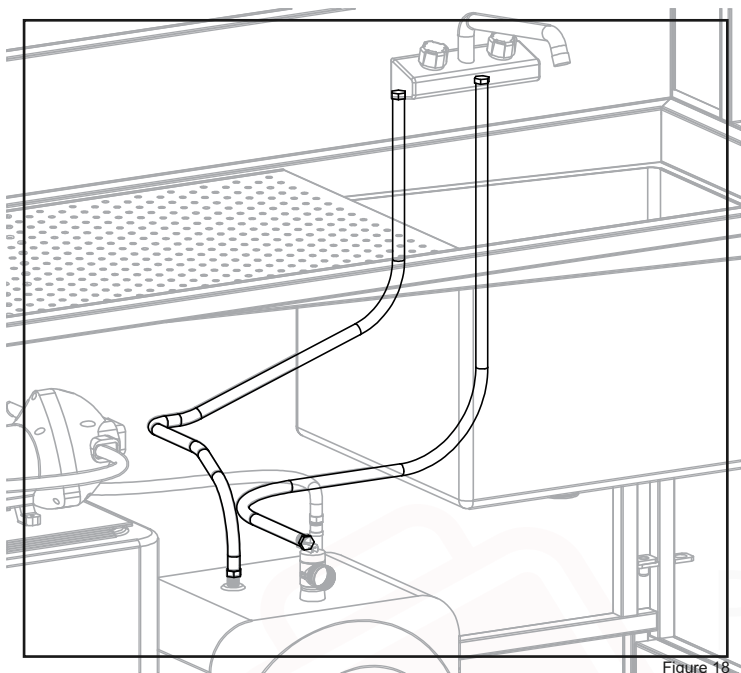


Figure 18

**STEP 16:** Slide in Gray Water Tank as shown:

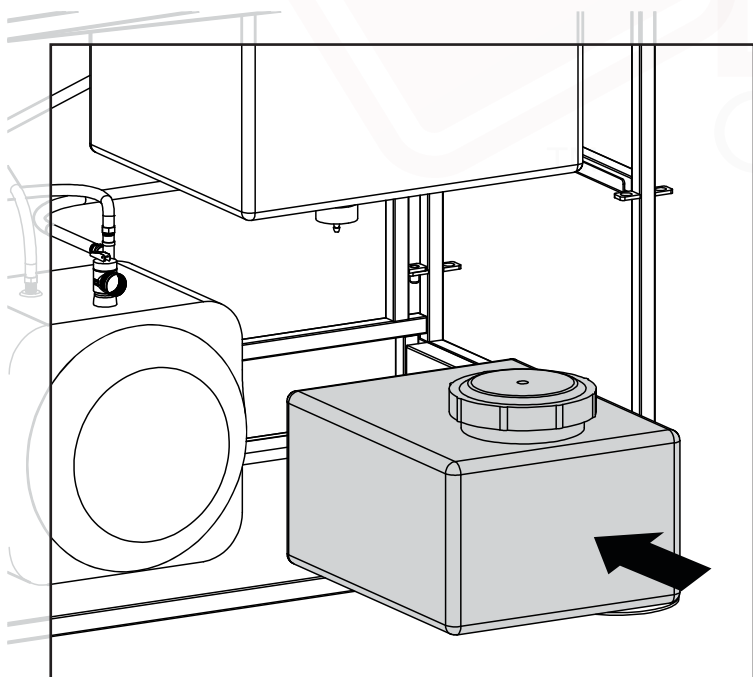


Figure 19

**STEP 17:** Install clear plastic hose by plugging it into the adapters nipple port and inserting it in the tank's opening.

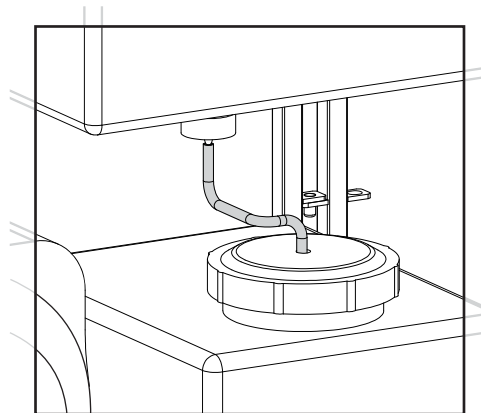


Figure 20

**STEP 18:** Attach GFCI strip on the pre-determined location marked by the velcro tape.

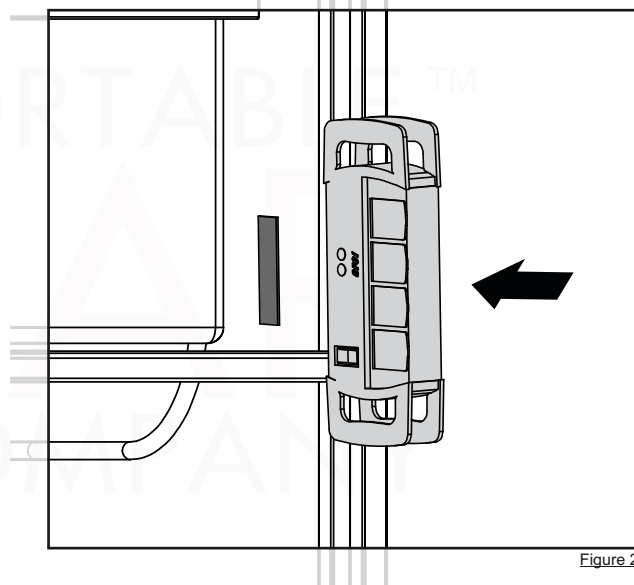


Figure 21

**STEP 19:** Plug pump's power adapter cable to the plug coming from underneath the pump.

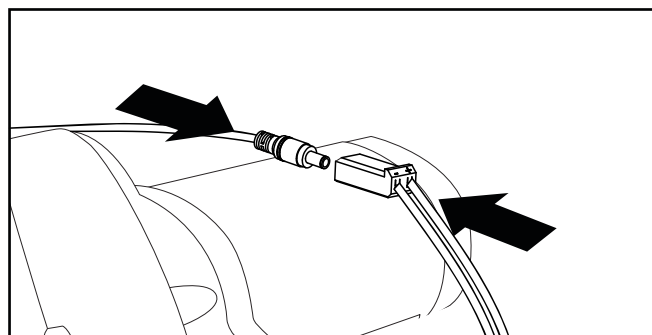


Figure 22

**Do not plug the power supply to the wall or battery yet.  
Pump is active when plugged in.  
There's no on/off switch.**



## Before turning the system on

- Make sure all the fittings are properly plugged and sealed.
- Double check if the hoses are plugged in the proper way.
- Verify the cables that come from the pump are connected as stated in this guide.
- Double read this guide if necessary.
- Read the maintenance and care guide as well as the heater and pump manufacturer's guide.

## Operating the system

### To turn it on

1. Fill the clean water tank.
2. Connect the pump's power supply to a wall plug.
3. Pump will start filling the heater, open the faucet and leave it open. It may take a couple of minutes to see water coming out of the faucet.
5. Once you see water coming out of the faucet close the faucet and plug the water heater to a source of power.
6. Wait for 10 to 20 min for the heater to heat the water.

### To turn it off

1. Unplug the pump and heater from the wall plug.
2. Open the faucet to release any remaining pressure inside the hoses and heater.
3. Drain the gray water tank. To take it off the shelf you shall follow the setup guide steps in reverse order.
4. The heater will still have water inside of it after turning the system off. You can leave the water inside for the next use or drain it. To pour water out tip the heater over to let it drain from the top.

### Recommendations

- Keep in mind that the heater has a 2.5 Gal tank inside of it and the clean water tank is 5 Gal. Pay attention to the gray water tank, it could
- Adjust the temperature of the water with the temperature knob on the water heater.
- The pump is capable of running dry for a couple minutes. Serious damage could occur if it runs dry for long periods of time.
- Remove speed rail before filling or emptying water tanks.

**CAUTION:** The maximum temperature the heater can reach is 140F, using the water at this temperature could cause severe burns. Failure to install the pressure relief valve may result in injury or property lost. The Portable Bar Company IS NOT liable for any injury caused by misuse, spills, accidents nor by improper installations, alterations, or repairs. **Please use the system with caution only.**





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