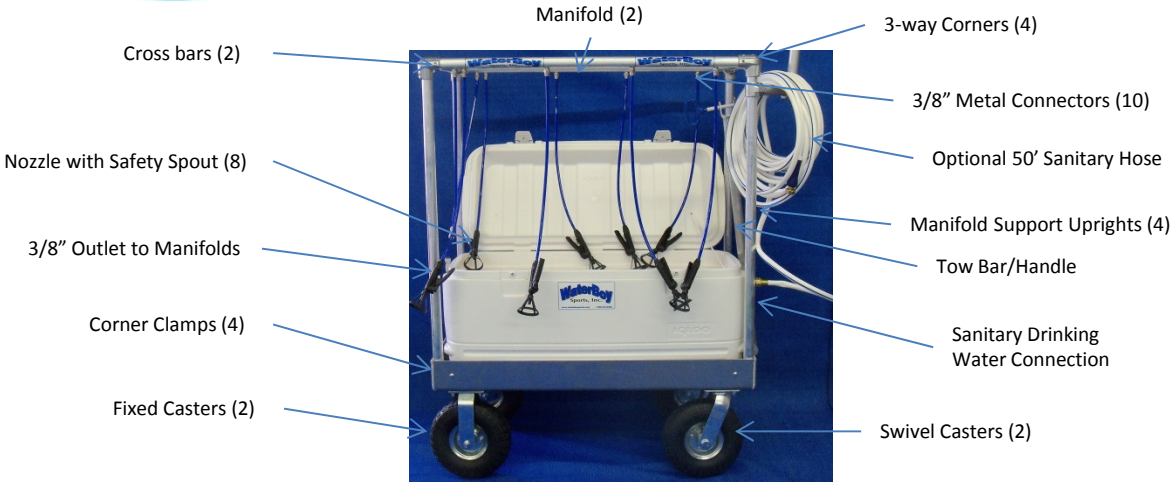
# Assembly Instructions for the Gen2 Horizontal Chiller Model




**Step 1: Wagon Assembly:**

- Using the 1" carriage bolts and nylon-lined locknuts, install the swivel casters at the front (with pre-installed clevis) and fixed casters at the rear of the wagon, with the carriage bolt heads inside of the wagon. If you encounter any difficulty seating the carriage bolts into the wagon, tap the head of the bolts with a hammer.
- If you will be towing your Waterboy Hydration System with any motorized vehicle, ensure that the tow bar's 'wagon end' has 2' of vertical motion when attached to the vehicle, otherwise, handle failure may occur.
- Using the 3" bolt and 1 nylon-lined locknut, attach the tow bar to the clevis installed at the wagon's front.

**Step 2: Cooler Preparation:**

- Remove the packing materials from inside the cooler.
- Set the cooler in the wagon with the hose connection to the front of the wagon.

**Step 3: Support and Manifold Installation:**

- Insert one upright support between each wagon corner and the pre-installed corner clamp.
- Tighten the pre-installed locknuts to secure each support.
- Place one 3-way corner on the top of each support. **DO NOT TIGHTEN THE SET SCREWS YET**.
- Install the manifolds parallel to the length of the wagon, with the ends having 2 connectors close together at the REAR of the wagon and all connectors pointing downwards. The Waterboy Sports labels should be upright.
- Install the cross-bars at the front and rear of the wagon, with the Waterboy Sports labels upright.
- Tighten all set screws using a hex wrench.
- Push a drinking line into each of the 4 metal connectors on the manifolds. There will be a noticeable hesitation as the drinking line seats properly.
- Spin the Safety Spouts onto the threads of each drinking nozzle.

**Step 4: Pressurizing the Chiller System:**

- Push the short piece of the Manifold Supply Set into the small plastic connector at the rear of the cooler.
- Insert the shorter of the two Manifold Supply Lines into the closest Manifold metal connector.
- Insert the remaining Manifold Supply Line into the other manifold's nearest metal connector.
- Connect one end of a Sanitary Drinking Hose to a drinking water supply and the other to the hose connecter at the front of the cooler. Turn on the water supply and check for leaks. The most common cause of leaks from any fitting is an improperly seated hose. To prevent an unwanted drenching, **TURN OFF THE WATER SUPPLY** before disconnecting **ANY** hoses, then re-seat the hose(s).