



POTABLE HOT, COLD AND GREY WATER SYSTEMS

As we will say time and again – Zoom to specific areas of interest, all the relevant PDF’s for the devices are in this site.

The potable water system relies on 2x 50-gallon stainless steel water tank mounted below the salon teak and holly sole. They fill through PORT and STBD deck mounted fill ports. The amount of water required to fill a tank can be read from the digital display panel adjacent to the engine compartment. The water maker shown in this diagram has not been refurbished as of this date, but all the equipment, pump and filters are piped and in place.

The potable water system hoses and piping were completely removed in 2015 as it functioned at less than desirable flow and purity. All piping was replaced with ½” PEX tubing, RED for hot water flows and BLUE for cold. Water is drawn out of the tanks going immediately to a line of Filter / Pump / Accumulator, it is then split at a T to cold water faucets and to the hot water heater. Hot water is then routed back to hot faucets.

No pipe leakage in the system exists, the water pump is a quad diaphragm design and over the course of a few hours the system loses pressure from the 50 psi cut-off pressure and will fall to 30 psi +/- and requires the water pump to re-pressurize the system. This is undesirable so when the boat is not in use the water pump breaker is set to OFF.

Grey water from the AFT and FWD vanity hand basins as well a shower water, drains directly to the respective bilges and is pumped overboard when the bilge water gets to its HIGH level. The galley sink is piped directly into the PORT side cockpit drain that lies within the engine compartment. All grey water lines, bilge pumps, anti-siphon loops and through hull were replaced / rebuilt during 2015.