

Diagram & Description

(with optional toilet) - 2022



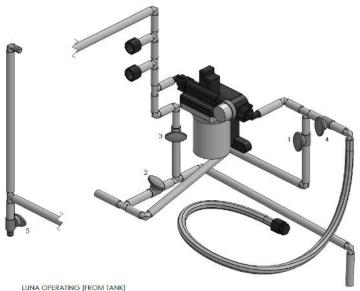
The following document describes the location and operation of the plumbing equipment and its functions for the 2022 in Tech Luna. This includes valve orientations for the following usages:

- 1. Using on board water tank.
- 2. Using City Water hookup
- 3. Draining the system (prep for Winterizing)
- 4. Winterizing
- 5. Draining & Flushing they system (De-Winterizing)

The below diagrams show all the components of the Luna plumbing system, including the optional cassette toilet plumbing.

Five Operations of the Plumbing System

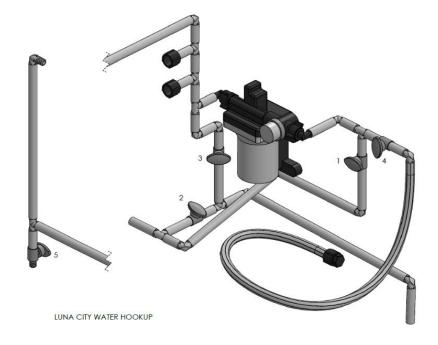
- 1. Using on board water tank.
 - 1-By-Pass Valve OPEN
 - 2-Fresh Tank Drain CLOSED
 - 3-Main Drain CLOSED
 - 4-Winterization Valve CLOSED
 - 5-Toilet Drain CLOSED



LUNA OPERATING (FROM TANK)

2. Using City Water hookup (all valves CLOSED)

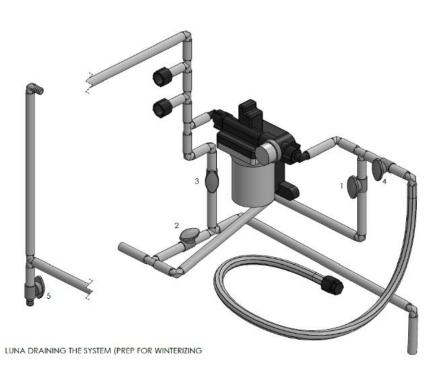
- 1-By-Pass Valve CLOSED
- 2-Fresh Tank Drain CLOSED
- 3-Main Drain CLOSED
- 4-Winterization Valve CLOSED
- 5-Toilet Drain CLOSED



3. Draining the system (prep for Winterizing)

Drain the water tank, leave the faucet open, and get as much water out of the unit as possible. To make sure all the water is out of the system, the lines can be kept open for a few hours.

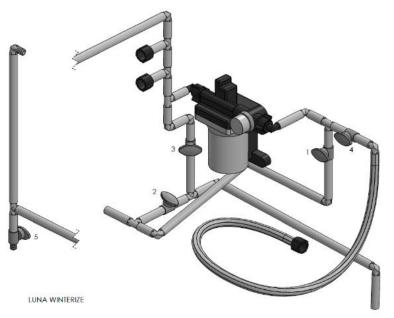
- 1-By-Pass Valve OPEN
- 2-Fresh Tank Drain OPEN
- 3-Main Drain OPEN
- 4-Winterization Valve- CLOSED
- 5-Toilet Drain CLOSED



4. Winterizing

Pumping non-toxic RV antifreeze into the system, will help protect the lines. The valves need to be closed, so RV antifreeze does not pump into the tank. Make sure to keep the sink faucet on. Dip the winterizing hose into the RV antifreeze, then turn on the pump. Once there is fluid in the sink, close the faucet and turn the pump off. Make sure about a cup or more of RV antifreeze runs down the sink to get into the "P" trap. Once the RV antifreeze is pumped through the system, close the winterization valve.

1-By-Pass Valve - CLOSED
2-Fresh Tank Drain — CLOSED
3-Main Drain — CLOSED
4-Winterization Valve — OPEN
5-Toilet Drain — CLOSED



5. Draining & Flushing they system (De-Winterizing)

The system will need to be drained, to get all the RV antifreeze out. Run about one tank of water through the system. The RV antifreeze will be output through the faucet. For a few minutes to get water through all the lines, "draining the system" valves can be turned on, then off.

1-By-Pass Valve - OPEN

2-Fresh Tank Drain - OPEN

3-Main Drain - OPEN

4-Winterization Valve - CLOSED

5-Toilet Drain - CLOSED

