



# USER INSTRUCTIONS



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## USER INSTRUCTIONS

Congratulations on purchasing an RV equipped with the most advanced water management system available today! Be sure to read all *Caution* and *User Instructions* on the Nautilus Panel and in your Owner's Manual before performing any operation using the Nautilus Panel System.

**NEVER** depress check valve on "CITY WATER CONNECTION" with pressure in the line. It will cause irreparable damage to the check valve function.





## USER INSTRUCTIONS

**The Nautilus P1 Panel System will allow you to perform the following functions:**

1. Power fill your fresh water tank for remote or dry camping
2. Use your pump to supply water to fixtures from fresh water tank
3. Use your pump to siphon fill or sanitize your fresh water tank from a bucket
4. Connect to city water at the camping site to supply water to fixtures
5. Winterize your plumbing lines and fixtures
6. Bypass hot water heater when winterizing to avoid water heater damage
7. Rinse black tank to help control odors and prevent sewage buildup
8. Rinse off items outside unit with a hot/cold faucet
9. Connect up to three (3) coax lines with satellite, cable and auxiliary





## USER INSTRUCTIONS

**IMPORTANT!!**

**NEVER** push check valve on "**CITY WATER**" connection with pressure in line. This **WILL** cause irreparable damage to the check valve function.





# USER INSTRUCTIONS

## Nautilus P1 Handle Position and Valve Routing Information

**WHITE HANDLE:** Receives water from water inlet on front of panel

Sideways – water goes into blue handle diverter



Down – water goes to pump inlet



**BLUE HANDLE:** Receives water from white handle valve/water inlet on front of panel

Sideways – water goes to or comes from fresh water tank



Down – water goes to fixtures (cold)



**BLACK HANDLE:** Is an on/off flow through valve that feeds pump from fresh water tank

Sideways - water will not flow through valve



Down – water goes to or comes from fresh water tank



**RED HANDLE:** Receives water from cold water supply line

Sideways - water goes to hot water fixtures without going through hot water heater



Up – water goes to hot water heater



**GREEN HANDLE:** Receives water from pump

Sideways - water goes to fresh water tank



Up – water goes to fixtures





## USER INSTRUCTIONS

### CONNECTING COAX FOR CABLE AND/OR SATELLITE



1. For cable TV connection, connect the threaded coax from the source to the "**CABLE**" connection.
2. For satellite TV connection, connect the threaded coax from the satellite dish to the "**SAT**" connection.
3. Consult your Owner's Manual to see if the "**AUX**" connection has an application.





## USER INSTRUCTIONS

### Power Filling Fresh Water Tank "PowerFILL TANK"

1. Connect garden hose to inlet labeled "**CITY WATER CONNECTION.**"
2. **BLACK** diverter handle should be facing right as shown.
3. **BLUE** diverter handle should be facing left as shown.
4. **WHITE** diverter handle should be facing right as shown.
5. **RED** diverter handle should be facing up as shown.
6. **GREEN** diverter handle should be facing right as shown



7. Turn water on. Fresh water tank should begin to fill.



8. Consult your Owner's Manual for tank capacity. **DO NOT OVERFILL TANK!**

9. When water has reached desired level in tank, turn water off at source.



10. Disconnect garden hose at source before disconnecting from Nautilus panel.





## USER INSTRUCTIONS

### Siphon Fill or Sanitize Fresh Water Tank via Pump **"SANITIZE"**

1. Connect garden hose to inlet labeled **"CITY WATER CONNECTION."**
2. **BLACK** diverter handle should be facing right as shown.
3. **BLUE** diverter handle should be facing down as shown.
4. **WHITE** diverter handle should be facing down as shown.
5. **RED** diverter handle should be facing left as shown.
6. **GREEN** diverter handle should be facing right as shown.



7. Place other end of hose in container holding water or sanitizing solution.



8. Push **"PUMP"** switch so that the light on switch is lit.







## Siphon Fill or Sanitize Fresh Water Tank via Pump "SANITIZE"

9. Pump should be running and fresh water tank should begin to fill.
10. Consult your Owner's Manual for tank capacity. **DO NOT OVERFILL TANK!**
11. When desired level in fresh water tank is reached, turn pump off by pushing "**PUMP**" switch so that it is not lit.

12. Disconnect garden hose from inlet on Nautilus panel.





## USER INSTRUCTIONS

### Using Pump to Supply Water from Fresh Tank "DRY CAMPING"

1. Make sure fresh water tank has necessary supply of water.
2. **BLACK** diverter handle should be facing down as shown.
3. **BLUE** diverter handle should be facing down as shown.
4. **WHITE** diverter handle should be facing right as shown.
5. **RED** diverter handle should be facing up as shown.
6. **GREEN** diverter handle should be facing up as shown.
7. Push "**PUMP**" switch so that the light on switch is lit. Select pump switch located on inside of unit or on Nautilus Panel.
8. Pump should now run and water should be available to all fixtures.
9. Make sure pump is turned off when not in use.





## USER INSTRUCTIONS

### Using System from Pressurized Water Source "CITY WATER"

1. Connect garden to hose to inlet "**CITY WATER CONNECTION.**"
2. **BLACK** diverter handle should be facing right as shown.
3. **BLUE** diverter handle should be facing down as shown.
4. **WHITE** diverter handle should be facing right as shown.
5. **RED** diverter handle should be facing up as shown.
6. **GREEN** diverter handle should be facing up as shown.



7. Turn "on" water at the source. Water should be available to all fixtures.





## USER INSTRUCTIONS

### Winterizing Plumbing Lines and Fixtures "WINTERIZE"

1. Turn handles to "POWERFILL" position as shown.

**BLACK** diverter handle should be facing right.

**BLUE** diverter handle should be facing left.

**WHITE** diverter handle should be facing right.

**RED** diverter handle should be facing up.

**GREEN** diverter handle should be facing right.



2. Open low point drain on RV to remove water in plumbing lines. Open both a hot and cold faucet to help drainage process.

3. Open drain plug on hot water heater to drain water if unit is equipped with hot water holding tank.

(Contact your dealer or manufacturer for exact location of low point drain hot water heater.)

4. Once most water has been drained from plumbing lines, turn **RED**, **BLUE**, **GREEN** and **WHITE** handles so they are at a 45 degree angle as shown.





## USER INSTRUCTIONS

### Winterizing Plumbing Lines and Fixtures **"WINTERIZE"**

- Using **"CITY WATER"** inlet or low point drain, blow out plumbing lines (40 PSI max) with handles still at 45 degree angle as shown. This will ensure any trapped water in plumbing harness is removed.
- Close low point drain & hot water heater drain.



- Turn handles to **"WINTERIZE"** position.  
**BLACK** diverter handle should be facing right as shown.  
**BLUE** diverter handle should be facing left as shown.  
**WHITE** diverter handle should be facing down as shown.  
**RED** diverter handle should be facing left as shown.  
**GREEN** diverter handle should be facing up as shown.
- Connect a short section of garden hose to inlet labeled **"CITY WATER CONNECTION."**





## USER INSTRUCTIONS

### Winterizing Plumbing Lines and Fixtures "WINTERIZE"

9. Place other end of garden hose in container holding approved winterizing solution.



Note: A short or cut off section of garden hose should help the pump to prime easier.

10. Push "PUMP" switch so that light on switch is lit.



11. Pump should be running and winterizing solution should begin to flow through pump into plumbing lines and fixtures. (The pump will run when a plumbing fixture is open.)
12. Open one plumbing fixture, keeping it open until winterizing solution appears, then close.
13. Follow above procedure until all inside and outside plumbing fixtures have been winterized.

**Important! Make sure to run winterizing solution through hot & cold lines on exterior shower.**

14. Turn **BLUE**, **GREEN** and **WHITE** handles so they are at a 45 degree angle for 10 seconds as shown.



15. Push "PUMP" switch so that light on switch is not lit





## USER INSTRUCTIONS

### Winterizing Plumbing Lines and Fixtures **"WINTERIZE"**

16. Return **BLUE**, **GREEN** and **WHITE** handles to **"WINTERIZE"** position as shown.



17. Disconnect garden hose from **"CITY WATER CONNECTION"** inlet.



It is normal for some winterizing solution to exit inlet as hose is being disconnected.





## USER INSTRUCTIONS

### Rinsing the Waste Tank "TANK FLUSH"

1. Connect flexible sewer hose to 4" dump outlet.



2. Open black waste holding tank valve and leave open. Allow tank to drain.



3. Attach a garden hose to inlet labeled "TANK FLUSH."



4. Fully open faucet at water supply source (40 psi minimum) flushing tank until water appears clear in 4" discharge hose.







## USER INSTRUCTIONS

### Rinsing the Waste Tank "TANK FLUSH"

5. Completely close faucet at water supply source.



6. Disconnect garden hose from water supply source.



7. Disconnect garden hose from "TANK FLUSH" inlet.



8. Close black waste holding tank valve.



**NOTE:** To help keep debris from clogging tank sprayer orifices, use the **Tank Flusher** every time waste holding tank is emptied.

