

BRAVO UNITS

BRAVO 1 (BRAVO 17/17V 120V units) with Water Reservoir Drain Kit

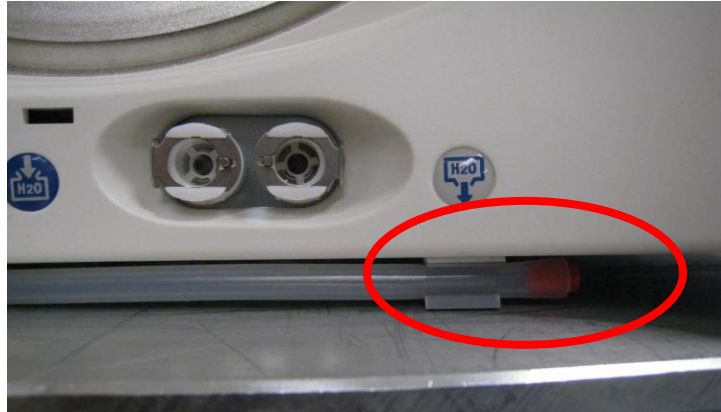
Note: If Water Reservoir Drain Kit (part # 01-112320S) is not installed on BRAVO 1 units, please refer to Operator's manual or contact dealer technician

If the following maintenance procedures were followed at the time of shut down, please fill the internal clean tank and/or External Autofill Bottle and proceed to Section 4.

If not, start at Step 1 (ensure power is off)

1. Perform the following maintenance procedures prior to start up
 - a. Clean and disinfect the external surfaces using a clean, lint-free cloth dampened with water and, if needed, a mild detergent.
 - i. Dry the surfaces and remove any residue before powering ON the unit.
 - b. Clean the Sterilization Chamber, Rack and Trays
 - i. Remove the sterilization trays and the rack from the chamber. (Pull the rack out to disengage it).
 - ii. Use a clean, lint-free cloth dampened with water to clean the chamber and the chamber flange. Wipe dry.
 - iii. Use a clean, lint-free cloth dampened with water to clean the BRAVO rack and trays
 - c. Inspect the door seal to ensure it is seated properly
 - d. Inspect and clean the chamber filter
 - i. Remove the chamber filter by unscrewing it from the chamber. Clean under running water. Clear the mesh of debris. (If the filter cannot be reused, replace it. Part# 47200030000).
 - ii. To reinstall a filter, screw the filter back into position.
2. Clean the internal clean water reservoir
 - a. Drain the reservoir completely
 - i. If unit is set for Automatic Filling, ensure unit power switch is off.
 - ii. Remove the tube attached at the bottom of the unit (front side) and hold it above the sink or an empty bucket (if tubing not installed, please refer to the Operator's Manual or speak to a service technician).
 - iii. Remove the red plug from the tubing.
 - iv. Wait until the internal tank is completely drained and close the draining tube with the red plug.
 - b. Prepare 4 litres / 1.06 US gal of distilled water mixed with 10% of pure alcohol, such as isopropyl, and fill the supplied standard container
 - c. Fill the internal clean tank completely with this solution and allow the solution to sit for 30 minutes.

- d. Drain the internal clean tank and discard the solution. Close the draining tube with the red plug.



Note: If you are on manual fill, please fill the clean reservoir at this point with Distilled Water and proceed to Section 4. If you are on Autofill, please proceed to section 3 below.

3. Clean external autofill distilled water tank
 - a. Turn the valve off on the autofill and dispose of water into a large container/bucket or disconnect tubing from valve to dispose of at the sink.
 - b. Fill the tank with 4 litres / 1.06 US gal of distilled water mixed with 10% of pure alcohol, such as isopropyl
 - c. Allow the solution to sit for 30 minutes.
 - d. Drain the tank and discard the solution.
 - e. Re-connect tubing to the valve on the Autofill bottle
 - f. Fill the tank with Distilled water and open the valve on the Autofill bottle.
4. Power the unit on (Autofill should activate)
5. Run one cycle without any instruments.

Note: It is important to follow the recommendation of your local guidelines for the appropriate sterilization monitoring requirements after a period of non-use.

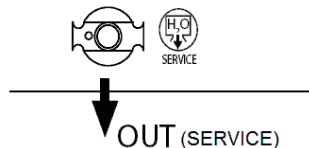
For more information on performing machine maintenance, preparing unit for use and troubleshooting tips, please refer to the BRAVO [Operator Manual](#).

BRAVO 2 (All BRAVO 21V units AND BRAVO 17/17V 220V units only)

If the following maintenance procedures were followed at the time of shut down, please fill the internal clean tank and/or External Autofill Bottle and proceed to Section 4.

If not, start at Step 1 (ensure power is off)

1. Perform the following maintenance procedures
 - a. Clean and disinfect the external surfaces using a clean, lint-free cloth dampened with water and, if needed, a mild detergent.
 - i. Dry the surfaces and remove any residue before powering ON the unit.
 - b. Clean the Sterilization Chamber, Rack and Trays
 - i. Remove the sterilization trays and the rack from the chamber. (Pull the rack out to disengage it).
 - ii. Use a clean, lint-free cloth dampened with water to clean the chamber and the chamber flange. Wipe dry.
 - iii. Use a clean, lint-free cloth dampened with water to clean the BRAVO rack and trays
 - c. Inspect the door seal to ensure it is seated properly
 - d. Inspect and clean the chamber filter
 - i. Remove the chamber filter by unscrewing it from the chamber. Clean under running water. Clear the mesh of debris. (If the filter cannot be reused, replace it. Part# 47200030000).
 - ii. To reinstall a filter, screw the filter back into position.
2. Cleaning the internal clean water reservoir
 - a. Drain the reservoir completely
 - i. If unit is set for Automatic Filling, ensure unit power switch is off.
 - ii. Arrange an empty container on the floor near the sterilizer and insert the free end of the tube.
 - iii. Insert the other end of tube in the quick-coupling marked "OUT (Service)" positioned on the front as shown in the figure below.
 - iv. Allow the tank to empty completely, and then disconnect the tube.



- b. Prepare 4 litres / 1.06 US gal of distilled water mixed with 10% of pure alcohol, such as isopropyl, and fill the supplied standard container.
- c. Fill the internal tank completely with this solution and allow the solution to sit for 30 minutes.
- d. Drain the internal tank and discard the solution. Remove drain tube from quick connect.

Note: If you are on manual fill, please fill the clean reservoir at this point with Distilled Water and proceed to Section 4. If you are on Autofill, please proceed to section 3 below.

3. Clean external Autofill distilled water tank
 - a. Turn the valve off on the autofill and dispose of water into a large container/bucket or disconnect tubing from valve to dispose of at the sink.
 - b. Fill the tank with 4 litres / 1.06 US gal of distilled water mixed with 10% of pure alcohol, such as isopropyl
 - c. Allow the solution to sit for 30 minutes.
 - d. Drain the tank and discard the solution.
 - e. Re-connect tubing to the valve on the Autofill bottle
 - f. Fill the tank with Distilled water and open the valve on the Autofill bottle.
6. Power the unit on (Autofill should activate)
7. Run one cycle without any instruments.

Note: It is important to follow the recommendation of your local guidelines for the appropriate sterilization monitoring requirements after a period of non-use.

For more information on performing machine maintenance, preparing unit for use and troubleshooting tips, please refer to the BRAVO [Operator Manual](#).