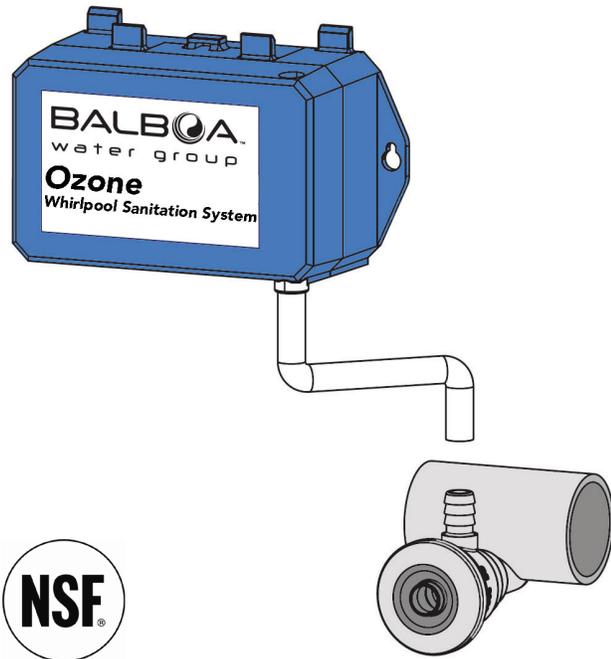


Ozone Bath Generator Kit

99815, 99815A, 99820



NSF Protocol P308
Ozone Sanitation Systems for Jetted
Bathtubs and Pedicure Footbaths

EPA Est. #071472-CA-001

Your BWG Ozone Whirlpool System has been specifically designed to enhance the enjoyment of your whirlpool bath. Once filled, the Ozone System automatically functions whenever your whirlpool pump is turned on.

Your BWG Ozone System is self-contained for trouble free installation and operation. Please read and follow all instructions carefully.

IMPORTANT SAFETY INSTRUCTIONS

You should have received safety instructions with your whirlpool bathtub system. Please read and follow them carefully. Those instructions will include the following warnings:

1. **WARNING:** Risk of electrical shock. Do not permit any electrical appliances (such as a light, telephone, radio, or television) within five feet of the whirlpool bath.
2. **DANGER:** To reduce the risk of injury, do not remove the suction cover(s) from the whirlpool bath.
3. To reduce the risk of injury:
 - a) The water in your whirlpool should not exceed 104° Fahrenheit. Lower water temperatures are recommended for extended use (exceeding 10-15 minutes) and are definitely recommended for younger children
 - b) Pregnant or possibly pregnant women should consult a physician before using the whirlpool. Water temperatures in excess of 100° Fahrenheit are not recommended.
 - c) The use of alcohol, drugs or medication before or during the use of the whirlpool may lead to unconsciousness with the possibility of drowning. Consult your physician before using the whirlpool if you are using any medications.
 - d) Persons suffering from obesity or with a medical history of heart disease, low or high blood pressure, circulatory system problems or diabetes should consult a physician before using the whirlpool.
4. **WARNING:** Risk of child drowning. To reduce the risk of accidental drowning, do not permit children to use the whirlpool unless they are closely supervised.
5. **WARNING:** Short term inhalation of high concentration Ozone Gas and long term inhalation of low concentration Ozone Gas can cause serious harmful physiological effects. Do not directly inhale Ozone Gas produced by this device.

ELECTRICAL INSTRUCTIONS

WARNING – RISK OF ELECTRICAL SHOCK: All electrical connections must be accomplished by a qualified electrician in accordance with the National Electric Code and any local codes. In addition, a **GFCI MUST** protect all branch circuits to the whirlpool, and every electrical component **MUST** be grounded. All units are 115v, 60hz, rated 0.09amps.

INTRODUCTION TO OZONE

Ozone (O₃) is generated by the exposure of oxygen (O₂) to a high energy electrical discharge. Ozone is a molecule of oxygen that is formed when three atoms of oxygen are bound together instead of the normal two atoms. The extra oxygen atom makes the powerful oxidizer and sanitizer readily available. Since Ozone is unstable and quickly decomposes to normal oxygen under normal conditions, it cannot be shipped nor stored therefore it must be manufactured on site for immediate use. In normal air it lasts a few minutes. In normal water it lasts just long enough to purify the water-less than one second.

INSTALLATION INSTRUCTIONS

1. Mount the Ozone generator by either hanging it from the water plumbing and securing it with the provided zip tie or mount it with screws using the molded in-wall mounting bracket holes.
2. Ensure the check valve is installed with the arrow pointed towards the dedicated Ozone jet. The check valve permits Ozone to flow in one direction while preventing water from backing up into the Ozone generator.
3. Designate one jet as an Ozone jet. The air connection must be 3/8" barb. Attach the tubing from the check valve to the 3/8" barb on the designated Ozone jet.

INSTALLATION INSTRUCTIONS OF AIR SWITCH ACTIVATED PUMPS

A. Electrical connection using Current Sensing Box: (See Figure 1)

1. Insert the Ozone generator amp plug into the receptacle on the side of the Current Sensing Box.
2. Insert the pump plug into the receptacle on the Current Sensing Box.
3. Plug the Current Sensing Box into a GFCI protected receptacle

B. Alternate electrical connection using ON/OFF timer box (See Figure 2)

1. Turn the whirlpool pump on and unplug it.
2. Insert the pump plug into the receptacle end of the Ozone generator's piggy back plug.
3. Install the 1/8" ID tubing from a pneumatic ON/OFF push button to an ON/OFF timer box.
4. Plug the ON/OFF timer box into a GFCI protected receptacle

WARNING-Never plug the Ozone Generator directly into a wall receptacle!

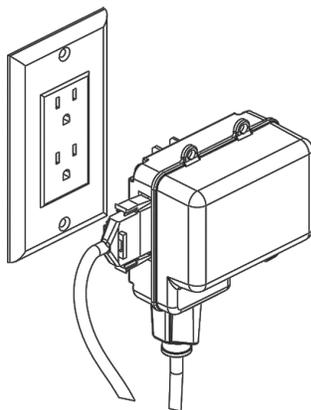


Fig. 1
Current Sensing Box

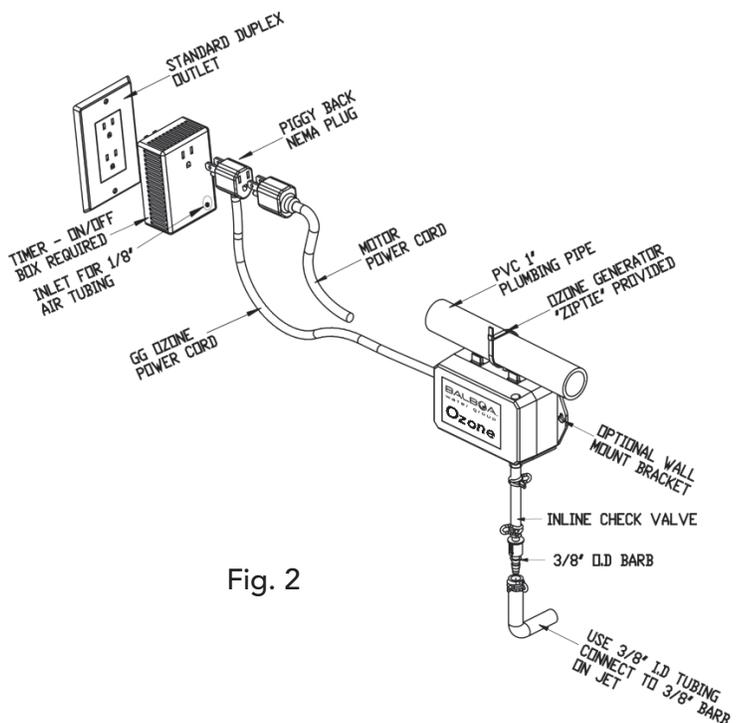


Fig. 2