

# CLEAR O<sub>3</sub>

FOR OZONE PURE WATER<sup>®</sup>

## WATER PURIFYING SYSTEM INSTALLATION MANUAL



Powered by:  
**Paramount**  
*Pool Life. Simplified.*

004-027-8780-00 REV122010 US Patent Pending

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# SAFETY INSTRUCTIONS



“IN ACCORDANCE WITH CANADIAN STANDARDS ASSOCIATION’S  
STANDARD NO. CAN/CSA - C22.2 NO. 218.1 - M89”,  
OZONE GENERATOR  
WITH RESPECT TO RISKS OF ELECTRIC SHOCK  
FIRE AND MECHANICAL INJURY ONLY  
34YZ

## **IMPORTANT SAFETY INSTRUCTIONS: READ COMPLETELY BEFORE PROCEEDING WITH INSTALLATION. SAVE THESE INSTRUCTIONS**

When using this electrical equipment, basic safety precautions should always be followed, including the following:



### **CAUTION: READ AND FOLLOW ALL INSTRUCTIONS**

#### **WARNING:**

- Follow all applicable electrical codes.
- A qualified licensed electrician should perform electrical hookup.
- Turn off power at main source before making any electrical connections or servicing the unit.
- Use only liquid-tight flexible nonmetallic conduit for electrical connections.
- A terminal marked G is located inside the supply terminal compartment. To reduce the risk of electric shock, this terminal must be connected to the grounding means provided in the electrical supply service panel with a continuous copper wire equivalent in size to the circuit conductors supplying this equipment.
- At least one lug marked “BONDING LUG” provided on the external surface of the unit. To reduce the risk of electric

## SAFETY INSTRUCTIONS (CONT.)

shock, connect the local common bond grid in the area of the pool or spa to this terminal with an insulated or bare copper conductor not smaller than 6 AWG.



### **WARNING:**

- ALWAYS wear safety glasses when using power equipment during the installation process.
- Install at least 5 ft from pool or spa water using nonmetallic plumbing. Mount ozone generator near pool equipment at least one (1) foot above maximum water level to prevent water from contacting electrical equipment. Install in accordance with the installation instructions.
- Short-term inhalation of high concentrations of ozone and long-term inhalation of low concentrations of ozone gas can cause serious harmful physiological affects. Do not inhale gas produced by this unit. If installed in an enclosed space make sure to account for adequate ventilation.
- UV LIGHT PRODUCED BY THIS UNIT IS HARMFUL TO THE EYES AND MAY CAUSE BLINDNESS. DO NOT LOOK DIRECTLY AT A LIT BULB!



### **NOTICE TO OWNER:**

- Save these instructions and deliver to pool owner when installation is complete.

## WHAT IS OZONE AND HOW DOES IT WORK

- Ozone is created from oxygen using a simple yet powerful system of UV bulbs, to be used as a pure shock (oxidizer) for the swimming pool.
- Ozone is injected into the pool water using the Clear O3® suction injection system, where the ozone enriched air is mixed with the water going into the pool circulation pump. This creates a dynamic environment that best mixes the air and water at high pressure as it is sent into the filter
- Once in the water, the ozone breaks down materials such as ammonia, oils, and other non-living waste that are detrimental to chlorine's function in the pool. This occurs between the pump and filter and also in the filter. Chlorine is in a group of the least stable elements and must be combined with another material to become stable. In swimming pools, this process creates the formation of combined chlorines, like chloramines, which do not sanitize and have adverse effects on human skin. Use of ozone allows the chlorine to work primarily as a water disinfectant.
- Pool water treatment can be broken down into three primary categories:
  1. **Disinfectant-** The killing of living organisms (virus, bacteria, algae). This consumes only 10-20% of the chlorine normally placed in a pool.
  2. **Oxidation-** The removal of non-living waste from pool water. This consumes up to 70% of the chlorine placed in standard treated pools
  3. **Residual-** The remaining, measurable sanitizer is left in the pool as a safety net to maintain the water quality until it is brought through the pool equipment again. Usually less than 10% of the chlorine originally placed in a pool is left over as residual.

Installing a Clear O3® Water Purification system will reduce the amount of chlorine needed to maintain a pool by up to 70%.

The benefits of using ozone include:

- Fewer chemicals to maintain the pool.
- Less work to maintain the pool water.
- More enjoyable water, being treated similar to bottled water.
- Longer filter cycles, and increased life for the salt chlorinator cells (if present).

## TO COMPLETE INSTALLATION YOU WILL NEED THE FOLLOWING ITEMS (NOT INCLUDED)

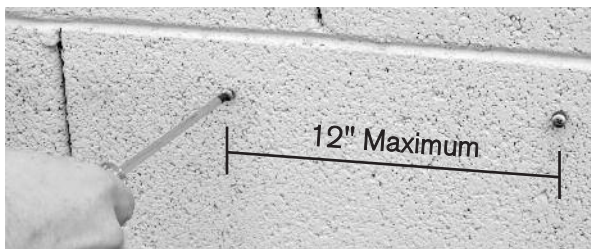
(1) Six (6) feet 1/2" non-metallic conduit outdoor rated.

(1) 1/2" conduit compression fitting.

## SELECTING LOCATION & MOUNTING UNIT

1. Select a location on a wall near the pool equipment or insert posts into the ground, which will be used to hang unit. The Clear O3® unit should be at least one (1) foot above maximum water level, and for extra safety the unit should be mounted higher than the filter. The unit should be within five (5) feet of an electrical source, and within nine (9) feet of plumbing connection. A solid surface is necessary to mount unit. Mounting brackets are horizontally adjustable to line up with hard points on the mounting surface. The unit must be mounted horizontally and level on the wall. Electrical connections should be facing downward.
2. Use provided screws and plastic wall inserts or poles and pole mount clamps (not included) depending on installation surface available.
3. Four (4) mounting brackets are included (two for the top slot and two for the bottom slot).
4. Install anchors and screws in desired location for the top hangers. They must be no further apart than twelve (12) inches. Do not tighten screws all the way. **(Fig. 1)**
5. Hang the Clear O3® from the two top brackets by sliding the keyhole slots over the screws.

**Fig. 1:**



For technical assistance call 1.800.621.5886 or contact your regional representative

## SELECTING LOCATION & MOUNTING UNIT

6. Mark the location for the two bottom brackets. **(Fig. 2)**
7. Remove the Clear O3® from the wall and install the wall anchors.
8. Place the Clear O3® unit back on the screws and line up the two lower brackets with the wall anchors. **(Fig. 3)**
9. Install the bottom two screws and tighten all screws.

**Fig. 2:**



**Fig. 3:**



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## MAKING ELECTRICAL CONNECTIONS

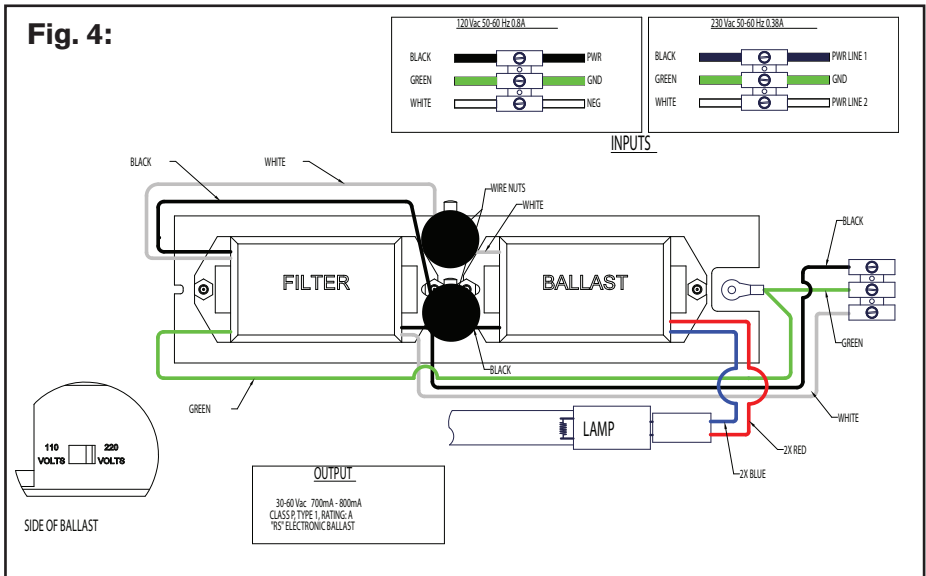
1. A licensed electrician should make all electrical connections. Make sure the unit is grounded by connecting to the pool equipments bond wire to comply with local electrical codes. See wiring diagram (**Fig. 4**).
2. Turn off power to the filtration system pump at the circuit breaker.
3. Install an approved seal tight flex conduit (not included) rated for outdoor use between the Clear O3® unit and filtration system pump time clock with the wires running inside (**Fig. 5A & 5B**). Electrical connections should be facing downward.



### **WARNING:**

Turn off power at main source before making any electrical connections or servicing the unit.

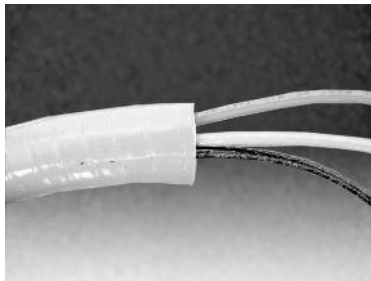
**Fig. 4:**



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## MAKING ELECTRICAL CONNECTIONS (CONT.)

**Fig. 5A**

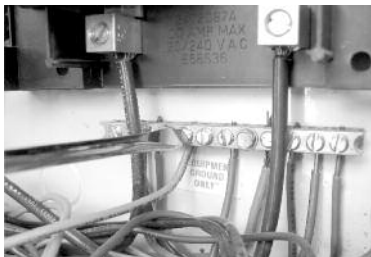


**Fig. 5B**



4. Connect green ground wire to the time clock ground bar (**Fig. 6A**). The Clear O3® unit is set to 240VAC to be connected to the load side (**Fig. 6B**) of the filtration pump time clock. The ballast may be switched to 120VAC if needed (**Fig. 7**). See wiring diagram (**Fig. 4**). (Go to page 21-23 for complete instructions on changing the ballast setting)

**Fig. 6A**



**Fig. 6B**



**Fig. 7**



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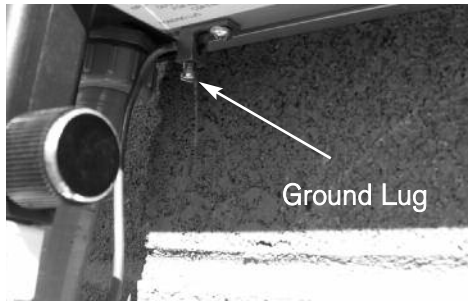


## MAKING ELECTRICAL CONNECTIONS (CONT.)

The Clear O3® should run with the filter pump as the filter pump creates the air draw through the unit needed to create ozone. **Do not set the Clear O3® to run when the filter pump is off and not pulling air through the unit.**

5. Use external ground lug to connect the Clear O3® to the pool pump ground bond. **(Fig. 8)**
6. Turn on power to filtration system pump. Check glow tube on the left front of the Clear O3®. A light blue light indicates lamp is lit and the unit should be producing ozone. **(Fig. 9)**

**Fig. 8**



**Fig. 9**



### **WARNING:**

UV light produced by this unit is harmful to the eyes and may cause blindness! Do not look directly at a lit bulb!

## MAKING PLUMBING CONNECTIONS

1. Turn off power to the filtration system pump at the circuit breaker.

2. **Pump strainer pot installation: (Fig. 10)**

- 2.1 Check pump elevation above water level. Refer to (Chart 1) for proper check valve selection. The 0.5 lb valve comes standard with Clear O3® and others are available to order separately.

- 2.2 Remove strainer pot plug. If there is an O-Ring on plug take O-Ring off of pot plug and slide over threaded end of check valve.

- 2.3 Wrap the check valve four times with teflon tape and install into the strainer pot plug-hole. Add more tape if valve does not seal.

**(Fig. 11)**

**Fig. 10**



**Chart 1**

Pump Elevation Above Water Level	Check Valve Rating
1' (30cm)	0.5 lb
2' (60cm)	1.5 lb
4' (120cm)	3.0 lb
5' (150cm)	4.0 lb

**Fig. 11**



## MAKING PLUMBING CONNECTIONS (CONT.)

- 2.4 Install the combination needle valve flow meter on the bottom of the Clear O3® unit. **(Fig. 12)**
- 2.5 Install 3/8 OD x 1/4 ID tubing to compression end of check valve. **(Fig. 13)**

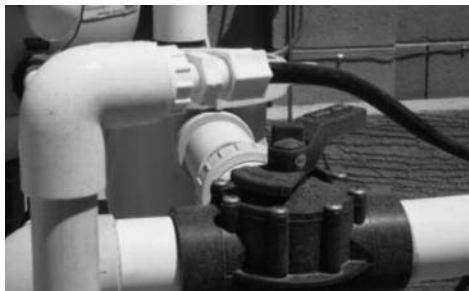
**Fig. 12**



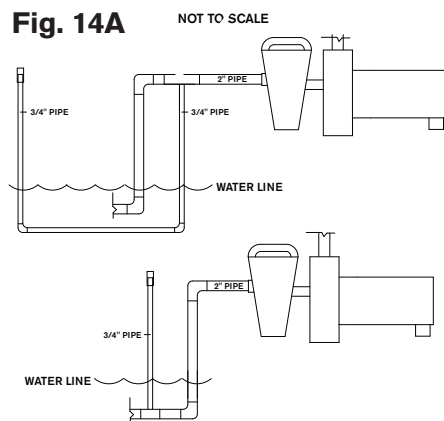
### 3. Pre-pump standpipe installation: **(Fig. 14A & 13)**

- 3.1 Cut cap off standpipe.
- 3.2 Glue a 3/4" elbow and a 3/4" x 1/4" NPT reducer bushing on end of standpipe.
- 3.3 Install the threaded end of the check valve included in the reducer bushing.
- 3.4 Install 3/8 OD x 1/4 ID tubing to barbed end of check valve. **(Fig. 13)**

**Fig. 13**



**Fig. 14A**



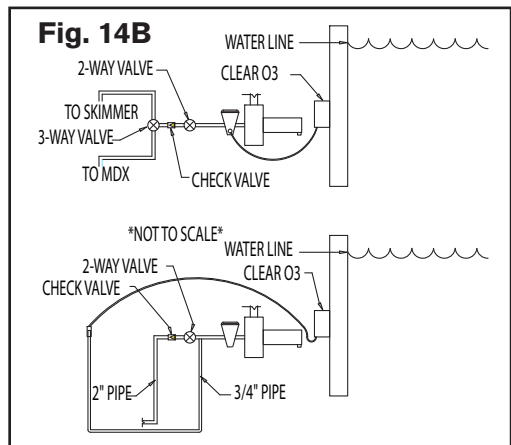
## 4. OPTIONAL SUBMERGED EQUIPMENT INSTALLATION (Fig. 14B)

To complete this installation option you will need a two way valve not included.

- 4.1 Install the two way valve on the inlet pipe to the pump suction. (before the standpipe if installed)
- 4.2 Make all other connections before the two way valve.
- 4.3 Make tubing connections to the pump pot or standpipe as in standard pump above water level installation.
- 4.4 Start the pump with the valve fully open.
- 4.5 Note the filter pressure. Then close the valve slightly until the pressure on the filter drops two or three psi.
- 4.6 Go to setting the airflow on page 16 to finish setting airflow.

The slight restriction this creates on the pump is the same as if it was set at approximately one foot above water level and allows the pump to draw air in at the pump pot or standpipe.

**(Fig. 14B)**



## MAKING PLUMBING CONNECTIONS (CONT.)

5. Lay the 3/8 tubing along desired route to the compression fitting on the combination needle valve flow meter on the Clear O3® unit.
6. Connect the tubing to the compression fitting. **(Fig. 15)**
7. Use the provided wires ties to tie the loose tubing to the conduit or plumbing. **(Fig. 16)**

**Fig. 15**



**Fig. 16**



## OPTIONAL SUBMERGED EQUIPMENT INSTALL.

New Installation using Paramount venturi installation kit.

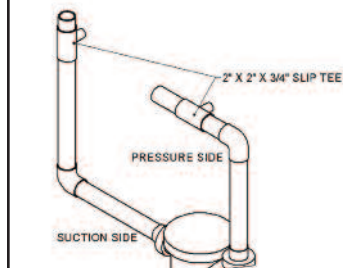
TO COMPLETE THIS INSTALLATION YOU  
WILL NEED THE FOLLOWING ITEMS  
(NOT INCLUDED)

(2) 2" X 2" X 3/4" SLIP TEE (1) 3/4" X 3/4" UNION  
BALL VALVE (2) 2" VALVES 3/4" FITTINGS  
AND PIPE (2) 3/4" UNIONS

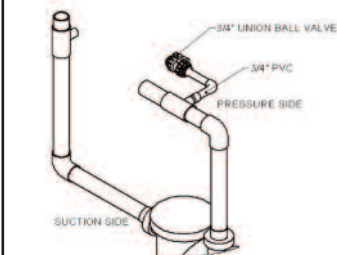
NOTE: 3/4" PLUMBING CAN BE 2" IF NEEDED  
FOR STRENGTH

1. Install two ea. 2" inch valves, and two each 2 X 2 by 3/4 inch tees. One valve and one tee on the suction side of the pump and one tee and valve on the return side of the pump (before the heater). **(Fig. 17)**
2. Plumb 3/4 inch PVC from pressure side tee into a union ball valve. **(Fig. 18A)**
3. Plumb 3/4" inch PVC from the ball valve into the inlet side of the venturi (coming from the return line after the filter before the heater if it has one). **(Fig. 18B)**
4. Plumb 3/4" inch PVC from the suction side tee to a ball valve and union and then into the outlet side of the venturi. Note the venturi must be level and the removable for cleaning. The flow arrow on the venturi must point to show the flow to the suction side of the pump. **(Fig. 18B)**

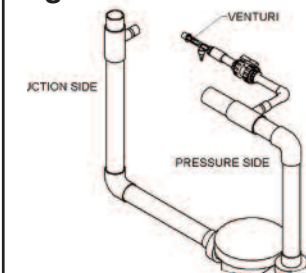
**Fig. 17**



**Fig. 18A**



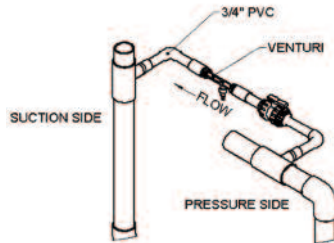
**Fig. 18B**



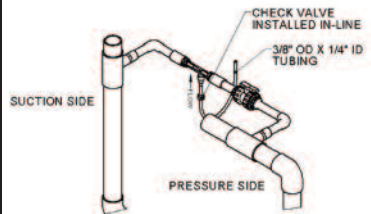
## OPTIONAL SUBMERGED EQUIP. INSTALL.(CONT.)

5. Install the 3/8" OD x 1/4" ID tubing on the barbed end of the venturi, with the check valve installed in-line. Note the correct direction of flow through the check valve. **(Fig. 19A & 19B)**
6. Connect the tubing to the compression fitting. **(Fig. 20)**
7. Connect the compression fitting to the flow meter. **(Fig 21)**

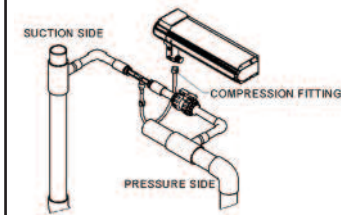
**Fig. 19**



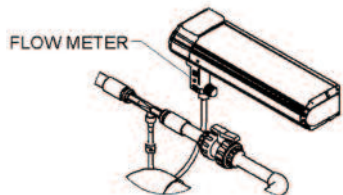
**Fig. 19B**



**Fig. 20**



**Fig. 21**



## SETTING AIR FLOW

1. Clean filter and pump basket before setting airflow.
2. Turn the knob on the needle valve/flow meter clockwise to close valve completely.
3. Turn the power on to the pump
4. Turn the knob on the needle valve/flow meter counter clockwise until the ball reads in the middle of the two lines on the flow meter. **(Fig. 22)**

**NOTE: IF THE PUMP THAT THE CLEAR 03® UNIT IS INSTALLED ON IS A PUMP RUNNING A PARAMOUNT IN-FLOOR SYSTEM, lock the water valve on pause when the valve is switching ports and therefore at it's maximum flow (the pause control is located on top of the Paramount water valve). Set the flow meter so the ball is on the upper line of the Ideal range.**

**NOTE: WHEN USING MULTIPLE SPEED PUMPS, SET THE FLOW METER WITH THE PUMP RUNNING ON THE HIGHEST SPEED THAT WILL BE USED.**

**Fig. 22**



For technical assistance call 1.800.621.5886 or contact your regional representative



## EXTERNAL SAFETY AIR BLEED KIT INSTRUCTIONS (OPTIONAL)

Sometimes the internal air bleed on the filter is not sufficient to handle the extra air in the system with an ozonator installed. An External Safety Air Bleed Kit (006-402-3872-00) (**Fig. 23**) for in-ground swimming pools is available to remove excess air from the filter and send it downstream (up to 15') past all equipment. After installing always test per instructions that air is vented from the filter when the pump is running. You must install an external air bleed if the filter is old, does not have an internal air bleed, there is a solar system on the pool or there is a robotic pressure side cleaner.

**Fig. 23**

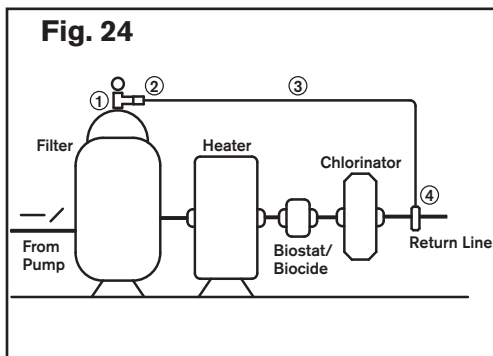


*External Safety Air Bleed Kit*

### Mounting Instructions

1. Turn the power off to the pump.
2. Remove the pressure gauge from the filter.
3. Install the nipple into one end of the brass tee.
4. Install the pressure gauge by threading into the other end of the brass tee supplied.
5. Install the tubing compression fitting by threading into the side of the brass tee.

**Fig. 24**



*Installation of External Safety Air Bleed Kit*

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## EXTERNAL SAFETY AIR BLEED KIT INSTRUCTIONS (OPTIONAL) (CONT.)

6. Install the tee assembly by threading into the hole where you removed the pressure gauge **(Fig. 24 Pg. 17)**.
7. Insert one end of the tubing into the compression fitting **(Fig. 24 Pg. 17)**.
8. Turn the power on to the pump and check that air is coming from the other end of the tubing.
9. Turn the power off to the pump.
10. Pick a spot on the return pipe downstream of all other devices (heater, chlorinator, pressure cleaner, etc.)
11. Drill a 7/16" hole through the return pipe at the location selected.
12. Install the saddle clamp with the fitting over the hole. Make sure the gasket is in place between the fitting and the pipe. **(Fig. 24 Pg. 17)**
13. Lay the tubing along the return pipe to the saddle clamp fitting and cut off excess length.
14. Connect the end of the tubing to the compression fitting on the saddle clamp **(Fig. 24 Pg. 17)**. The tubing can be secured to the pipe using cable ties (not included).

## BULB REPLACEMENT

### **NOTE:**

Ozone production from direct UV light will decline over time. UV bulbs continue to illuminate after they stop producing an effective level of ozone to clean your pool water. To make sure your pool continues to receive all the benefits of ozone, Paramount recommends that you replace your bulb every three (3) years.

### **WARNING:**



- Turn off power at main source before making any electrical connections or servicing the unit.
- UV light produced by this unit is harmful to the eyes and may cause blindness! Do not look directly at a lit bulb!

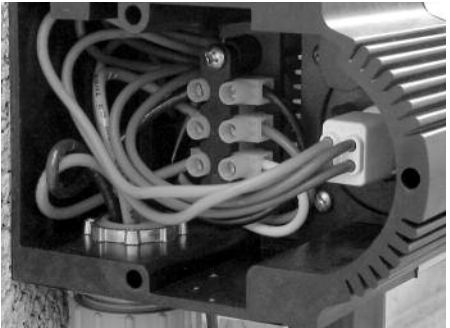
## BULB REPLACEMENT (CONT.)

1. Turn the power off to filtration system pump at circuit breaker.
2. Remove three screws in left end side cap labeled “electrical connections”. **(Fig. 25)**
3. Remove side cap. **(Fig. 26)**
4. Grasp light bulb plug and pull light out about one inch. **(Fig. 27)**

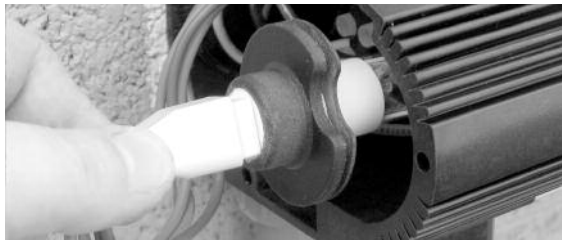
**Fig. 25**



**Fig. 26**



**Fig. 27**

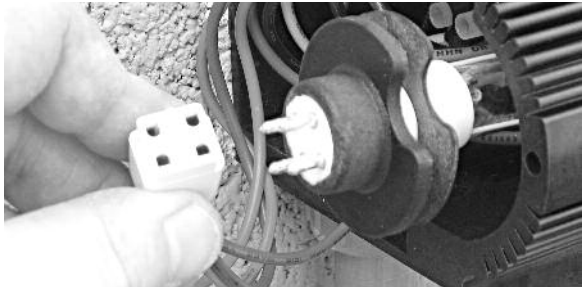


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## BULB REPLACEMENT (CONT.)

5. Remove plug from light bulb. **(Fig. 28)**
6. Pull light bulb free from Clear O3® unit. **(Fig. 29)**
7. Make sure gasket is in place on replacement light bulb.
8. Align with key and slide into hole until bulb seats firmly and completely into unit. **(Fig. 30)**
9. Press plug onto light bulb.
10. Replace side cap and three screws.
11. Turn on power to filtration system pump.
12. Check glow tube on the left front of the Clear O3®. A light blue light indicates lamp is lit and the unit should be producing ozone.

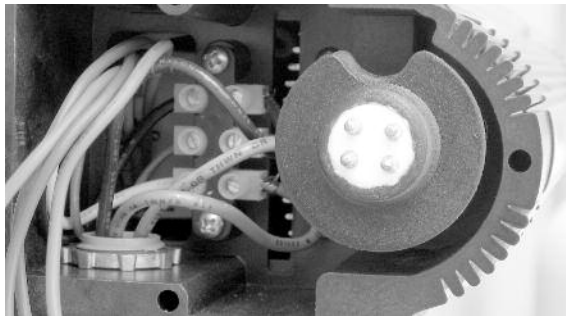
**Fig. 28**



**Fig. 29**



**Fig. 30**



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## TROUBLESHOOTING & SERVICE

ISSUE	SOLUTION
1. No air bubbles entering system or pool	Clean filter then adjust airflow needle valve.
2. Filter empties and pump loses prime	Replace check valve fitting at strainer pot.
3. Light bulb does not light	Check power to Clear O3®, then replace bulb.

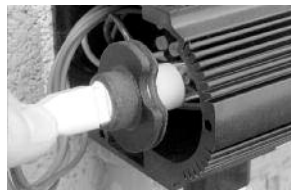
## CONVERTING BALLAST VOLTAGE TO ALTERNATE SETTING

1. Turn off the power at the breaker and remove the unit from wall mounting.
2. With a Phillips screwdriver, remove the three (3) screws in the left end side cap, labeled electrical connections.(**Fig. 31**)
3. Remove side cap by pulling out from the end of the unit.
4. Inside the open electrical housing, find the light bulb plug and pull it out about one inch. (**Fig. 32**)

**Fig. 31**



**Fig. 32**



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## CONVERTING BALLAST VOLTAGE TO ALTERNATE SETTING (CONT.)

5. While holding the bulb, wiggle the plug to loosen from the bulb and pull it free from light bulb. **(Fig. 33)**
6. Pull the light bulb from the unit.
7. With a Phillips screwdriver, remove the two (2) screws inside the electrical housing next to the light bulb hole that connect the electrical housing to the aluminum housing. **(Fig. 34)**
8. While holding the aluminum housing, remove the electrical housing by pulling from the end of the unit. (Wires do not need to be disconnected.)
9. Inside the back cavity of the aluminum housing you will see the ballast and a nut holding the two ground wires in place. **(Fig. 35)**

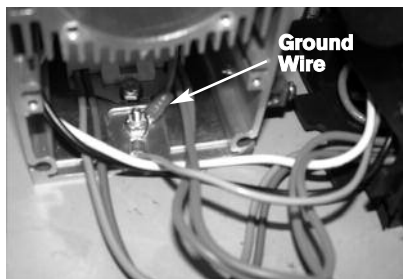
**Fig. 33**



**Fig. 34**



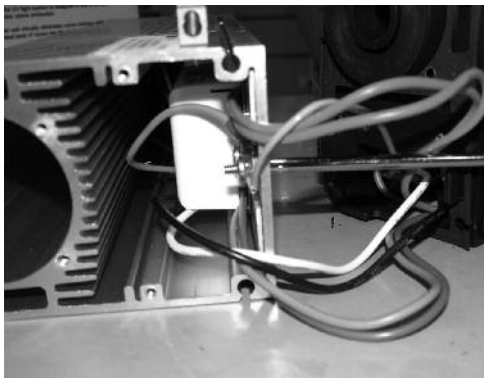
**Fig. 35**



## CONVERTING BALLAST VOLTAGE TO ALTERNATE SETTING (CONT.)

10. On the back of the unit nearest the open end, remove the flatheaded screw with a Phillips screwdriver while holding the lock nut on the inside of the cavity with pliers. **(Fig. 36)**
11. Pull the ballast plate free from housing.
12. On the side of the ballast is a switch to select voltage. Push the switch closest to the desired setting(120V or 240V) **(Fig. 7 Pg. 8)**
13. Reassemble in reverse.
14. Be sure to install ground wire connectors under lock nut, holding ballast in place**(Fig. 35 Pg. 22)**.

**Fig. 36**



Paramount Pool & Spa Systems (PP&SS)  
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**Paramount**

Pool Life, Simplified.

In compliance with the Magnuson-Moss Warranty-Federal Trade Commission Act (Public Law 93-637), Paramount Pool & Spa Systems (PP&SS) provides the following limited warranties.

## CONDITIONS

This limited warranty shall be subject to the original owner complying with the following conditions:

1. The swimming pool shall be kept full of water at all times except for purposes for repair or maintenance not to exceed five (5) days.
2. The PP&SS system shall be operated by the original owner with reasonable care and necessity.
3. Registration card must be mailed to PP&SS within thirty (30) days of pool completion.

## PP&SS NOZZLE AND BODY (EXCLUDING POOL VALET RETRO) ASSEMBLIES LIMITED LIFETIME MANUFACTURERS WARRANTY

PP&SS warrants to the original owner, materials and equipment to be free of defects for as long as original owner owns pool, determined under this warranty to be for "Lifetime" ownership as original owner and future swimming pool owner's personal interest in the pool. This warranty is limited to the "Lifetime" ownership of the original owner. The PP&SS Nozzle and Body Assembly, (PVC plumbing installed, labor, material and all other work performed by contractors is not covered under PP&SS Warranty).

## PP&SS RETROJETS, CARETAKER, CARETAKER 99, GAMMA 3, NET N' CLEAN, POOL VALET RETRO, QUICKCLEAN, QUIKCLEAN 2) LIMITED MANUFACTURERS 1-YEAR WARRANTY

PP&SS warrants to original owner, materials and equipment to be free of defects for a period of one (1) year from date of purchase. The materials, parts and/or related component parts supplied or distributed by PP&SS are covered under this one (1) year limited warranty. (PVC plumbing installed, labor, material and all other work performed by contractors is not covered under PP&SS Warranty).

## PP&SS MDX® ANTIENTRAPMENT DEBRIS DRAIN AND MDX-R3 VGR COMPLEANT DEBRIS DRAIN LIMITED MANUFACTURERS 1-YEAR WARRANTY

PP&SS warrants to original owner, materials and equipment to be free of defects for a period of one (1) year from date of purchase. The materials, parts and/or related component parts supplied or distributed by PP&SS are covered under this one (1) year limited warranty. (PVC plumbing installed, labor, material and all other work performed by contractors is not covered under PP&SS Warranty).

## PP&SS STEPCLEAN ASSEMBLIES LIMITED MANUFACTURERS 2-YEAR WARRANTY

PP&SS warrants to original owner, materials and equipment to be free of defects for a period of two (2) years from date of purchase. The materials, parts and/or related component parts supplied or distributed by PP&SS are covered under this two (2) years limited warranty. (PVC plumbing installed, labor, material and all other work performed by contractors is not covered under PP&SS Warranty).

## PP&SS DISTRIBUTION WATER VALVE LIMITED MANUFACTURERS 3-YEAR WARRANTY

Paramount water valve is warranted to be free of defects for a period of 3 years, to be free of manufacturing defects including wear and tear on product from date of pool start-up. This warranty applies to the original pool owner only. Replacement parts thereafter are warranted for a period of 1 year.

## PP&SS DEBRIS CONTAINMENT CANISTER LIMITED MANUFACTURERS 3-YEAR WARRANTY

PP&SS warrants to original owner, materials, and equipment to be free of defects for a period of three (3) years from date of swimming pool start-up. The materials and equipment covered under this three (3) year warranty is the PP&SS Debris Containment Canister Housing. (PVC plumbing installed, labor, material and all other work performed by contractors is not covered under this warranty). The PP&SS Canister Housing is contained in the Debris Containment Canister Lid, and the Debris Containment Canister Lid is contained in the Debris Containment Canister Lid and Top Deck Lid. Labor and all other work performed by contractors is not covered under this warranty.

## OTHER RELATED SYSTEM PARTS, ANCILLARY PARTS AND REPLACEMENT PARTS LIMITED MANUFACTURERS 1-YEAR WARRANTY

PP&SS warrants to original owner, materials, and equipment to be free of defects for a period of one (1) year from date of swimming pool start-up. The materials, parts and/or related component parts supplied or distributed by PP&SS are covered under this one (1) year limited warranty. (PVC plumbing installed, labor, material and all other work performed by contractors is not covered under PP&SS Warranty). Replacement parts are warranted for a period of 1 year from the date of purchase.

PP&SS warrants to original owner a one (1) year limited warranty that the PP&SS related component parts to be free of defects from the time of installation.

## DEBRIS CONTAINMENT CANISTER LIMITED MANUFACTURERS 3-YEAR WARRANTY

This warranty is the responsibility of the manufacturer of the PP&SS Nozzle & Body Assembly, Distributor, Water Valve Top/Bottom Housing, Debris Containment Canister or other related system components described with this warranty, contact PP&SS for an RMA number, and return it to PP&SS. Ship part in question freight pre-paid, and upon confirmation of defect, PP&SS will repair or replace the PP&SS warranted at no charge to the original owner. The repaired or replaced PP&SS item will be returned to the original owner with freight C.O.D. Labor (overhaul) the repaired or replaced item is the sole responsibility of the owner.

## LIMITATIONS

No warranty extends to any part of the PP&SS parts or components which is caused by any of the following conditions or events:

1. Defects or failures caused by abuse, lack of responsible care, lack of necessary maintenance, improper operation, or misuse of the product.
2. Damage caused by accident, fire, flood, lightning, or other acts of God.
3. PP&SS expressly denies any responsibility or liability for incidental or consequential damages arising out of, or as a result of, use or ownership of your PP&SS parts as a result of use or ownership of your PP&SS parts or components, or other related products.
4. Any defects caused by acts of God, such as storms, earthquakes, ground movement, or freezing, etc., that are beyond the normal conditions.
5. Installation of the PP&SS System by non-authorized installer may render this warranty null and void.

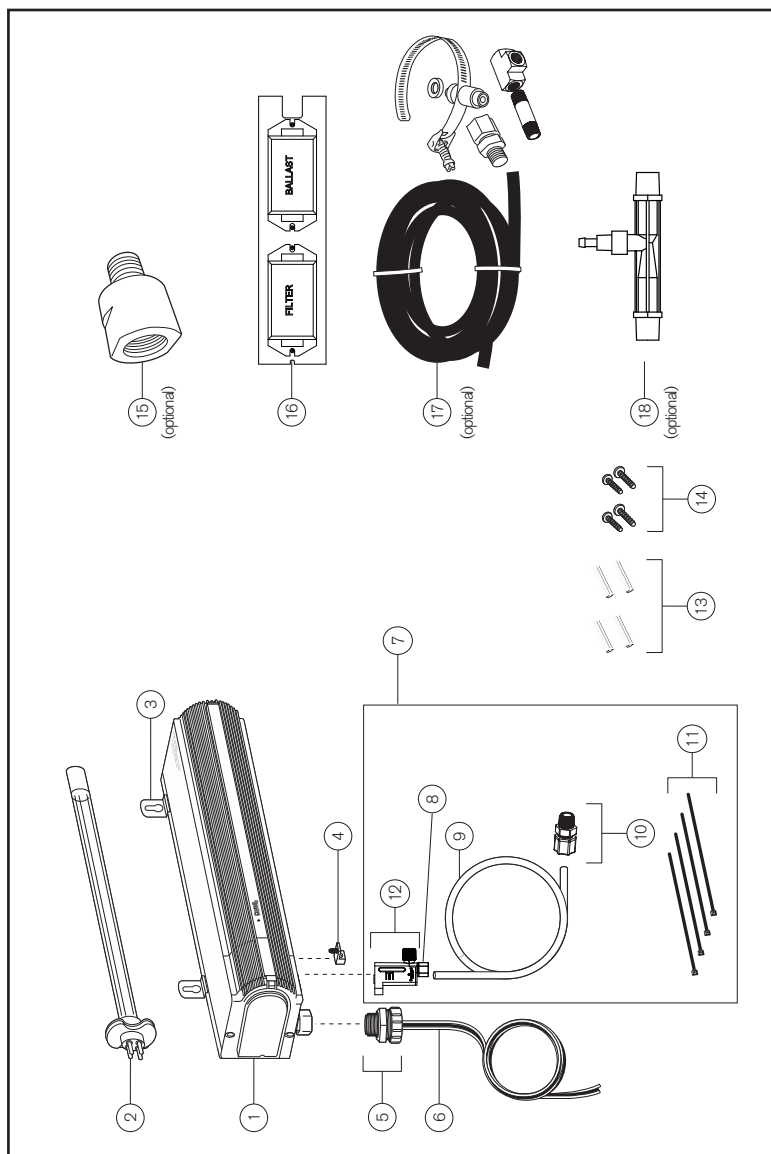
Some states do not allow the exclusion or limitation of incidental or consequential damages, so this limitation may not apply to you. Some states do not allow the limitation of consequential damages. In such states, the limitation of consequential damages may not apply to you. Some states do not allow the limitation of consequential damages. In such states, the limitation of consequential damages may not apply to you. Some states do not allow the limitation of consequential damages. In such states, the limitation of consequential damages may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights that may vary from state to state.

004-027-7987-00 PARQ213 11/1910



# CLEAR 03® WATER PURIFYING SYSTEM



For technical assistance call 1.800.621.5886 or contact your regional representative

# CLEAR O3® WATER PURIFYING SYSTEM

Item	Part Number	Description
<b>SINGLE UNIT</b>		
1.	004-402-3880-00	Clear O3® Single Assembly
2.	005-402-3834-00	Lamp
3.	005-402-3820-00	Mounting Brackets (4Pk)
4.	**	Ground Lug
5.	005-402-1384-00	Conduit Compression Fitting 1/2"
6.	**	Wiring Harness 3-Wire 12 Gauge X 6ft
7.	005-402-3361-00	Tubing with Check Valve, Pump Mount, & Wire Ties
8.	**	Compression Nut 1/4" X 3/8"
9.	**	Tubing 3/8" OD X 1/4" ID X 10ft
10.	**	Pump Mount Check Valve 1/4" NPT x barb
11.	**	Wire Ties (4 pk)
12.	005-402-3247-00	Flow Meter Kit
13.	**	Anchor #10
14.	**	Screw: 10 x 3/4 PHIL PH
15.	005-402-1050-00	Clear O3® Adapter Pot Plug (optional)
16.	005-402-3824-00	Ballast & Filter
<b>AIR BLEED KIT</b>		
17.	006-402-3872-00	Clear O3® Air Bleed Kit (optional)
18.	005-252-3250-00	Venturi Injector Kit (optional)

\* Not Shown

\*\* Not available to purchase individually

For technical assistance call 1.800.621.5886 or contact your regional representative

# WARRANTY REGISTRATION



A one (1) year warranty on Clear O3® parts shall be subject to the original owner, as stated in the "Other Related System Parts and Replacement Parts Limited Manufacturer's 1-Year Warranty."

## POOL OWNER INFORMATION

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_

Zip Code: \_\_\_\_\_

Telephone: \_\_\_\_\_

Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

Pool Start-Up Date Purchased: \_\_\_\_\_

Type of Pool (check one):

☐

Concrete

☐

Vinyl

☐

Fiberglass

Type of Pool System (check one):

☐

PCC 2000

☐

PV3

☐

Pool Valet

☐

Cycleclean

☐

Vanquish

☐

Vantage

☐

Ecopool

## POOL BUILDER INFORMATION

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_

Zip Code: \_\_\_\_\_

When complete, remove this page, fold, stamp and return to Paramount Pool & Spa Systems.

**Postal Service:** 295 East Corporate Place, Suite 100 • Chandler, AZ 85225

**Fax:** 480.753.3397

**E-mail:** Paramount@1Paramount.com

**Web:** [www.1Paramount.com/products/warranty.php](http://www.1Paramount.com/products/warranty.php)

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Paramount Pool & Spa Systems  
295 East Corporate Place, Suite 100  
Chandler, AZ 85225

Staple Here