

BNH-7-150TR-12

# Remove Toxins and Odors From Your Indoor Air

**WORKS WITH YOUR DUCTED SYSTEM!**

## OxyQuantum™ Triple Remote



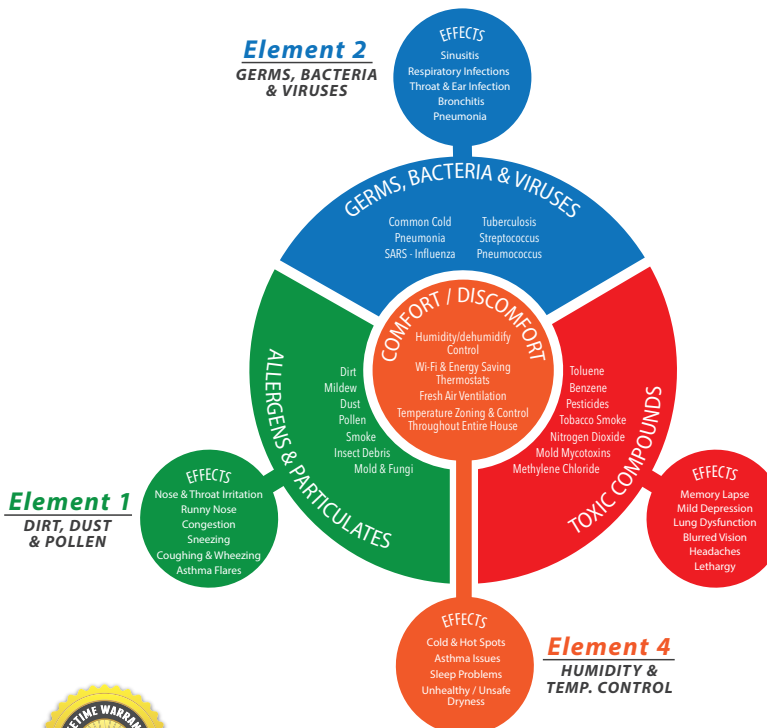
### PRODUCT DETAILS

As part of a whole-home purification solution, the **Quantum™ Triple Remote** utilizes the latest in ultraviolet purification technology to remove mold, germs, viruses, bacteria, fungi, and spores from your indoor air and from within your HVAC system. The smaller oxidizing unit reduces obnoxious odors caused by people, pets, smoke, solvents, and other sources. The system connects directly into existing ductwork and is easily adjusted by the homeowner.

- Makes your indoor air safer to breathe for you and your family
- Prolongs the life and increases the efficiency of your HVAC system
- Inexpensive to operate, 36 watts

### FEATURES

- High output UVC & UVV system with 2nd lamp which expands the sterilization zone and kill zone
- Continuous, silent operation
- Engineered for HVAC systems up to 5 tons
- Effective lamp life of two years before replacement
- Lifetime warranty on the ballast
- Universal mounting options for proper installation on any HVAC system



### This Product Controls



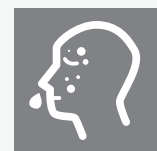
The EPA has ranked indoor air pollution among the top five environment dangers to the public.



**ENERGY AWARE**



**ODOR CONTROL**



**ALLERGIES**

### APPLICATION

- Kills and controls germs, infectious agents and toxic gases
- Relief for individuals with asthma
- Allergy relief
- Controls odors



**LAMP SPECIFICATIONS**

5" Ozone lamp Output at 184 nanometers Rated life Lamp dimensions	8 watts power consumption 50 mg per hour maximum 2 years 5" from base to end
16" Twin tube germicidal lamp Output at 254 nanometers Rated life Lamp dimensions	36 watts power consumption 425 mA 190 µW/cm <sup>2</sup> 2 years 16" from base to end
Optional 12" germicidal lamp Output at 254 nanometers Rated life Lamp dimensions	28 watts power consumption 425 mA 140 µW/cm <sup>2</sup> 2 years 13" from base to end

**INSTALLATION INSTRUCTIONS**

**MOUNTING GERMICIDAL LAMPS AND POWER SUPPLY**

1. Unplug mid-cord connector by pressing the lock release (marked "PRESS" on the connector.) Remove two thumb nuts holding moisture resistant lamp socket to mounting plate and remove from the plate.
2. Using the lamp mounting plate as a template, draw the hole pattern on the air duct in a suitable location.
3. Using a 1 1/4 inch Vari Bit, make two holes side by side. Clean off excess metal between the two holes with tin snips. Alternately cut a 2" hole.
4. Peel off the gasket backing from lamp mounting plate and center over hole. Secure using four self-tapping sheet metal screws provided.
5. Repeat steps 1-4 for the second lamp.
6. Find a suitable location to mount the power supply making sure supply cord to ballast will reach 120 or 240 volt power supply. Mount the power supply using four self-tapping sheet metal screws provided.
7. Taking care not to touch the glass, hold the lamp by the end cap and insert fully into the base plate.
8. Insert the moisture resistant lamp socket over the plastic lamp end fitting over the mounting studs, secure using the two thumb nuts.
9. Route cord back to the moisture resistant lamp socket and reconnect mid-cord connector. Be sure to line up arrows on the connector.
10. Adhere included UV Warning Label onto ductwork within six inches of UV lamp.

**MOUNTING GERMICIDAL LAMPS AND POWER SUPPLY**

1. Cut a 1.75" - 2" hole for the unit.
2. Attach the unit to the air duct using the four self-tapping sheet metal screws provided. (Airflow direction is marked on the unit.)
3. Route oxidizing unit's cord from the power supply, to the oxidizing unit and connect mid-cord connector. Be sure to line up arrows on the connector.

**SAFETY NOTES**

- READ AND FOLLOW ALL INSTRUCTIONS.
- Minimum living space for this product is 1,200 square feet.
- Always be sure the unit is unplugged during installation or service procedures.
- The ultraviolet light produced by the UV lamp is harmful to your eyes. Do not look directly at the lamp. Should it become necessary to view the lamp, use UV-protected sunglasses.

