

BNH-7-5ORC

Purify Home Air With the Latest In UV Technology

WORKS WITH YOUR DUCTED SYSTEM!

OxyQuantum[®] Remote Complete



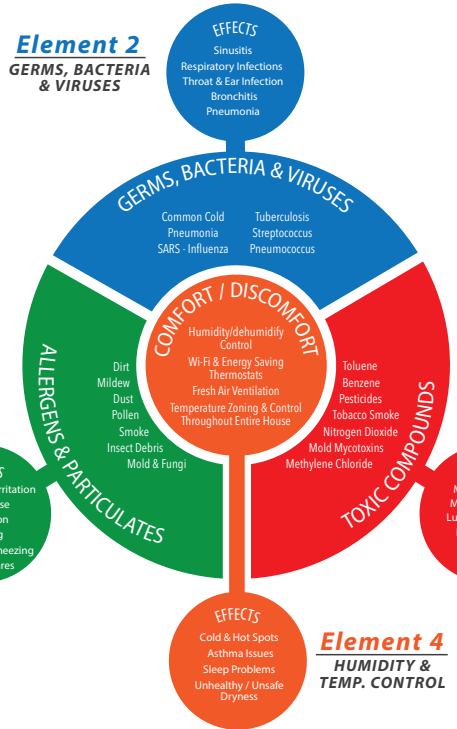
PRODUCT DETAILS

As part of a whole-home purification solution, the **OxyQuantum[®] Remote Complete** reduces mold, germs, viruses, bacteria, fungi, and spores from your indoor air and within your HVAC system. The system, which utilizes the latest in ultraviolet purification technology, connects directly into existing ductwork and is easily adjusted by the homeowner. Certified by the *Indoor Air Quality Association* as one of the most cost-effective solutions for sterilizing infectious agents inside the home, it also prolongs the life and increases the efficiency of all heating and cooling systems.

- Ultraviolet system kills and controls microorganisms
- Continuous, silent operation
- Inexpensive to operate, 36 watts

FEATURES

- Ultraviolet germicidal air sterilizer and purifier
- High output UVC & UVV system which expands the sterilization zone and kill zone
- 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
- Parts sold



This Product Controls

1 2 3 4

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



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 Intensity at 1 meter Rated life Lamp dimensions	36 watts power consumption 425 mA 190 μ W/cm ² 2 years 16" from base to end
16" Germicidal Lamp for Quantum Remote & Quantum Dual Remote Intensity at 1 meter Rated life Lamp dimensions	36 watts power consumption 180 microwatts/cm ² 2 years 16" from base to end
Optional 12 " germicidal lamp (fits all models) Intensity at 1 meter Rated life Lamp dimensions	28 watts power consumption 140 microwatts/cm ² 2 years 13" from base to end

INSTALLATION INSTRUCTIONS

MOUNTING GERMICIDAL LAMP 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. Repeat steps 1-4 for the second lamp.
5. 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.
6. Taking care not to touch the glass, hold the lamp by the end cap and insert fully into the base plate.
7. Insert the moisture resistant lamp socket over the plastic lamp end fitting over the mounting studs, secure using the two thumb nuts.
8. Route cord back to the moisture resistant lamp socket and reconnect mid-cord connector. Be sure to line up arrows on the connector.
9. Adhere included UV Warning Label onto ductwork within six inches of UV lamp.

INSTALLING THE OXIDIZING UNIT

1. 1. Cut a 1.75" - 2" hole for the unit.
2. 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. 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 INSTRUCTIONS

- 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.

