

BNH-7-100DR

# Home Air Purification Through Ultraviolet Sterilization

## Quantum™ Dual Remote

ULTIMATE VERSATILITY IN HIGH OUTPUT PERFORMANCE



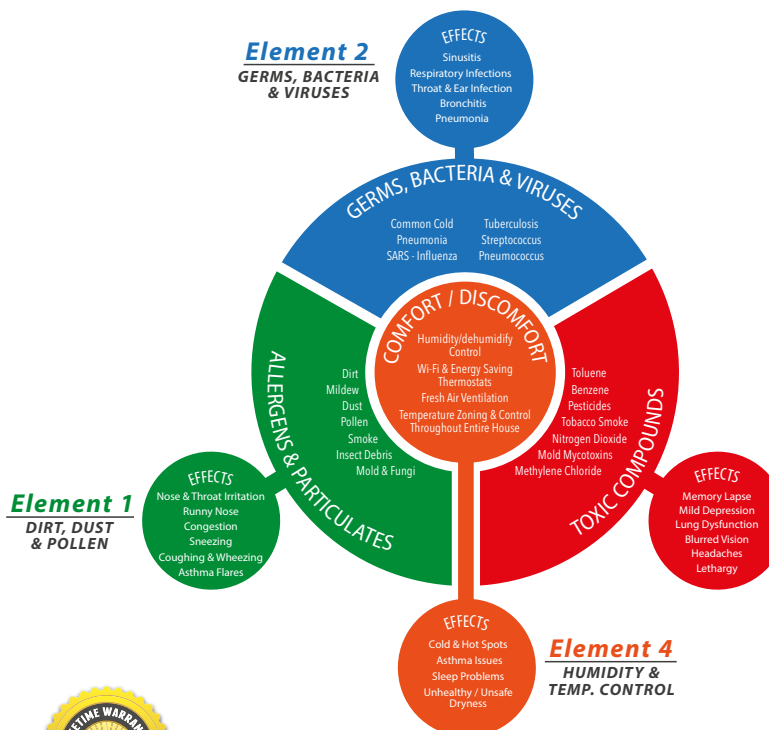
### PRODUCT DETAILS

The Quantum™ Dual Remote is a whole house air sterilization system that installs directly into your central heating and cooling system ductwork or plenum. UV lamp disinfects the air by reducing or eliminating airborne pathogens such as bacteria, viruses and organic material. The combined use of filtration and this germicidal UVC light is an effective means of preventing the distribution of airborne viruses and pathogens in your home, making it safer for you and your family.

- UV lamps kill and control harmful microorganisms
- Reduces or eliminates allergens that can irritate allergies and asthma
- Prolongs the life and improves the efficiency of your heating and cooling system

### FEATURES

- Two powerful germicidal twin-tube H lamps output up to six times more micro watts than a single tube lamp
- Installs easily without costly ductwork modifications
- Inexpensive to operate
- Effective lamp life of two years
- For HVAC systems for up to 5 tons.
- Lifetime warranty on power supply



This Product Controls



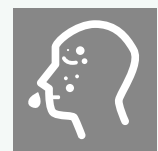
The EPA has ranked indoor air pollution among the top five environment dangers to the public.



AIR STERILIZER



ULTRAVIOLET



ALLERGIES

### APPLICATION

- Kills and controls germs, infectious agents and viruses
- Allergy relief
- Relief for asthma



## PRODUCT SPECIFICATIONS

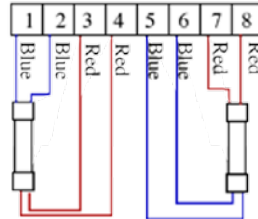
16" Germicidal lamp penetrates duct 15.25"	
Power Supply Dimensions:	Size (L x W x D) 6h x 5.75w x 1.75 d
Oxy Unit Dimensions:	Size (L x W x D) 4.25h x 5.75w x 1.75 d
Lamp Socket Dimensions:	Size (L x W x D) 3" Round x 2"

## PRODUCT SCHEMATIC

**FOR DUAL LAMP OPERATION CONNECT MATCHING COLORED LAMP WIRES TO TERMINALS.**

**LAMP A BLUE1-2 RED3-4**

**LAMP B BLUES-6 RED7-8**



## INSTALLATION INSTRUCTIONS

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
10. Wire the unit in accordance with local wiring codes

## SAFETY NOTES

- The use of personal protective equipment is always recommended.
- READ AND FOLLOW ALL INSTRUCTIONS.
- 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.

