

QT2730

## QwikPure TripleGuard™ Industrial Grade UV Air Sanitizer

This advanced patent-pending Triple Protection whole house air purification system ensures complete sanitization using:

1. **UV-C Light**
2. **Photocatalytic Oxidation**
3. **Activated Carbon/Potassium Permanganate Purifier**

Twice the power of most air purifiers, means faster air purification for systems up to 7 tons or 3000 CFM. This is an Industrial Grade Air Purification system that can be applied to residential systems.

### UV-C Light

- ▶ Lethal to many viruses and bacteria by damaging their DNA and RNA
- ▶ Baffled design to increase UV exposure time, increases effectiveness
- ▶ Stimulates the Photocatalytic Oxidation

### Photocatalytic Oxidation (PCO)

- ▶ Forms powerful hydroxyl radicals that break down organic substances by oxidation
- ▶ Reduces bacteria, viruses, and odors as well as volatile organic carbons (VOCs) emitted from paints, cleaners, building materials, and cooking.

### Activated Carbon/Potassium Permanganate Purifier (AC/PPP)

- ▶ Final Air Polishing - Activated carbon adsorbs volatile components and odors to further clean the air.
- ▶ Potassium Permanganate works as a strong oxidizing agent to provide an additional level of protection beyond the PCO and is extremely safe (on the World Health Organization Model List of Essential Medicines).

<https://list.essentialmeds.org/medicines/153>

For more details or information about **QwikPure TripleGuard™**  
visit **www.qwik.com**

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### Built to Last – Industrial Grade Design

- ▶ Multiple voltage capability, can operate on 120, 208 or 240 VAC
- ▶ Designed for continuous operation but can also be operated when only the blower is operating.
- ▶ Dual lamps provide ample UV-C with individual bulb indicators to tell you when to change the lamps. Typically every year.
- ▶ UV-C bulbs are specially coated to prevent any ozone formation. (Ordinary UV-C bulb can create harmful TOXIC ozone)
- ▶ PCO surface is cleanable, allowing the catalyst to be renewed with simple cleaning (recommend to be cleaned when UV-C bulbs are changed).
- ▶ AC/PPP purifier has color change indicator to notify when a purifier change is needed. Normally these filters would need to be changed frequently to treat the whole home, but the UV/PCO combination greatly reduces the load on them, allowing them to operate and clean the air for much longer. Typically changed annually.

