

THE EVOLUTION IN UV AIR PURIFICATION

UV BIO-WALL QUATTRO™



- Light Commercial / Residential UV Air Purifier
- Treats the **entire duct at one time**
- Destroys up to **99.9% of biological contaminants at one time**
- Destroys chemicals & biological odors
- Installed **PARALLEL** to the air-stream results in greater 'Dwell Time' between the air & the UV Lamps
- 1,600 microwatts per/cm² of UV intensity @ 36"
- Four 18" High Intensity Pure Fused Quartz Lamps
- Four Anodized Parabolic Reflectors intensify & maximize 360° of UV Energy
- Pressure Sensing Switch turns purifier On & Off. Simple installation, just 'Plug & Play'
- LED 'Smart System™' Status Visual Display
- Four High-Output Electronic Rapid-Start Ballasts
- Adjustable Clutch allows for Reflectors & Lamps to easily extend up to 15" to the center of the duct
- Patented Design & Sanuvox Quality
- Recommended Lamp change-out:
Commercial: 2 years / Residential: 3 years



Inspired by the overwhelming success of the Commercial UV Bio-Wall, the QUATTRO is designed as a Light Commercial / Residential In-Duct UV Air Purifier. The QUATTRO can treat the entire duct at one time, destroying up to 99.9% of the biological and chemical contaminants in the air-stream. The Quattro includes three (3) 18" High-Intensity Pure Fused Quartz UVC Germicidal Lamps and one (1) 18" High-Intensity Pure Fused Quartz UVC / UVV Lamp, which are attached to four (4) Anodized Aluminum Parabolic Reflectors and are mounted parallel to the air-stream. Adjustable mounting brackets permit the Lamps and Reflectors to be extended up to 15" from the duct wall so the assembly can be positioned in the center of the duct-work, creating a wall of Germicidal UV energy up to 24" deep. There is no purifier on the market that can match the power, intensity and dwell time that the UV Bio-Wall series is able to deliver.

TECHNICAL SPECIFICATIONS

Dimensions : 24"H x 8"W. Lamps & Reflectors can extend up to 15" from backplate
Weight : 28 lbs.

- (3) - High Intensity UVC Pure Fused 19 mm. Quartz Lamps
- (1) - High Intensity UVC/UVV Pure Fused 19 mm. Quartz Lamp
- (4) - Anodized Aluminum Parabolic Reflectors

Power Requirements : 120V AC or 220V AC 50-60 Hz. 3.2 amps.

UV Lamp Features : New Long Life Filament

Internal Alumina Coating: Reduces Mercury Oxide (Solarization of the Lamp)

UV Lamp Length : 18 inches

UV Process : Proprietary Sanuvox System : Air Purification

Combined UV Intensity in $\mu\text{w}/\text{cm}^2$ (microwatts) : 1,600 microwatts per/ cm² at 36 inches

Ballast : (4) Electronic High Output Rapid-Start Ballasts

Pressure Sensing Switch : Operate on pressure rise at .03 ± .02" w.c.

Smart Status Display : Visual LED Display. Lamp Energized & Ballast Energized readouts

Commercial Warranty : Unit: 3 years. Ballast 3 years. UV Lamp: 12 000 hours

Recommended Lamp change out is 17,000 operating hours

Residential Warranty : Unit: 3 years. Ballast 3 years. UV Lamp: 3 years

Certifications : CSA / NRTL Certified to Canadian & US Standards & CE Approved

