

# GUARDIAN QR+

By *RGF*

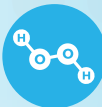
WE ARE RGF®

## The Guardian Air QR+ Indoor Air Purification System

The Guardian Air QR+ in-duct air purifier utilizes RGF's proprietary PHI-CELL® technology. Installed into the supply plenum of your existing air conditioning or heating system air ducts, the Guardian Air QR+ in-duct air purifier produces low level, airborne hydrogen peroxide molecules that are distributed by the air handler, through the duct system and into the conditioned space. Unlike passive air technologies, which need pollutants to pass through the unit for purification or filtration, the Guardian Air QR+ in-duct air purifier sweeps through the air conditioned space actively purifying pollutants at the source.



UV-C LIGHT



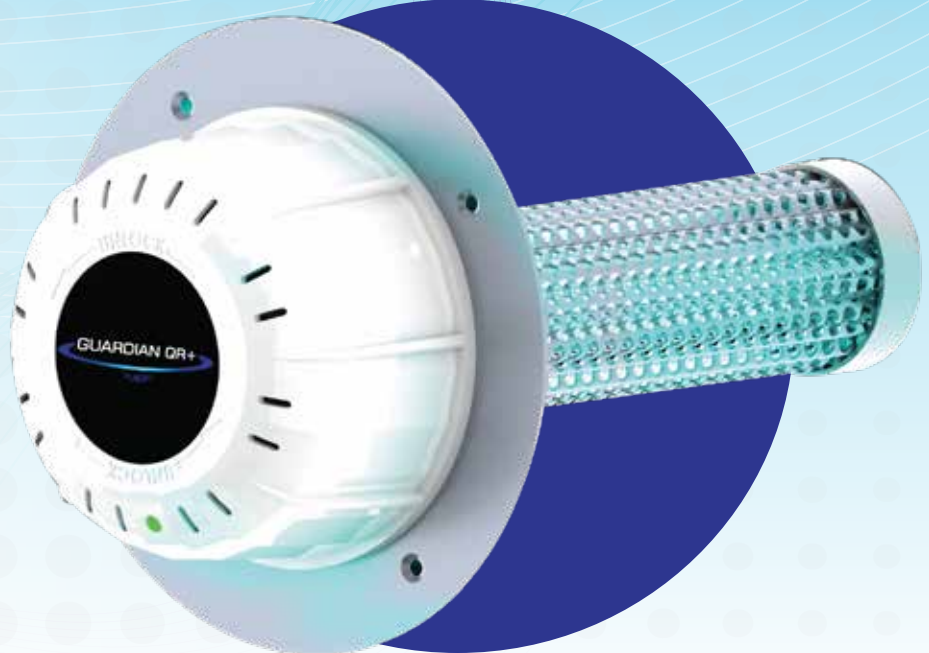
H<sub>2</sub>O<sub>2</sub>



WHOLE HOME



QUICK RELEASE



**RGF**  
ENVIRONMENTAL GROUP, INC.

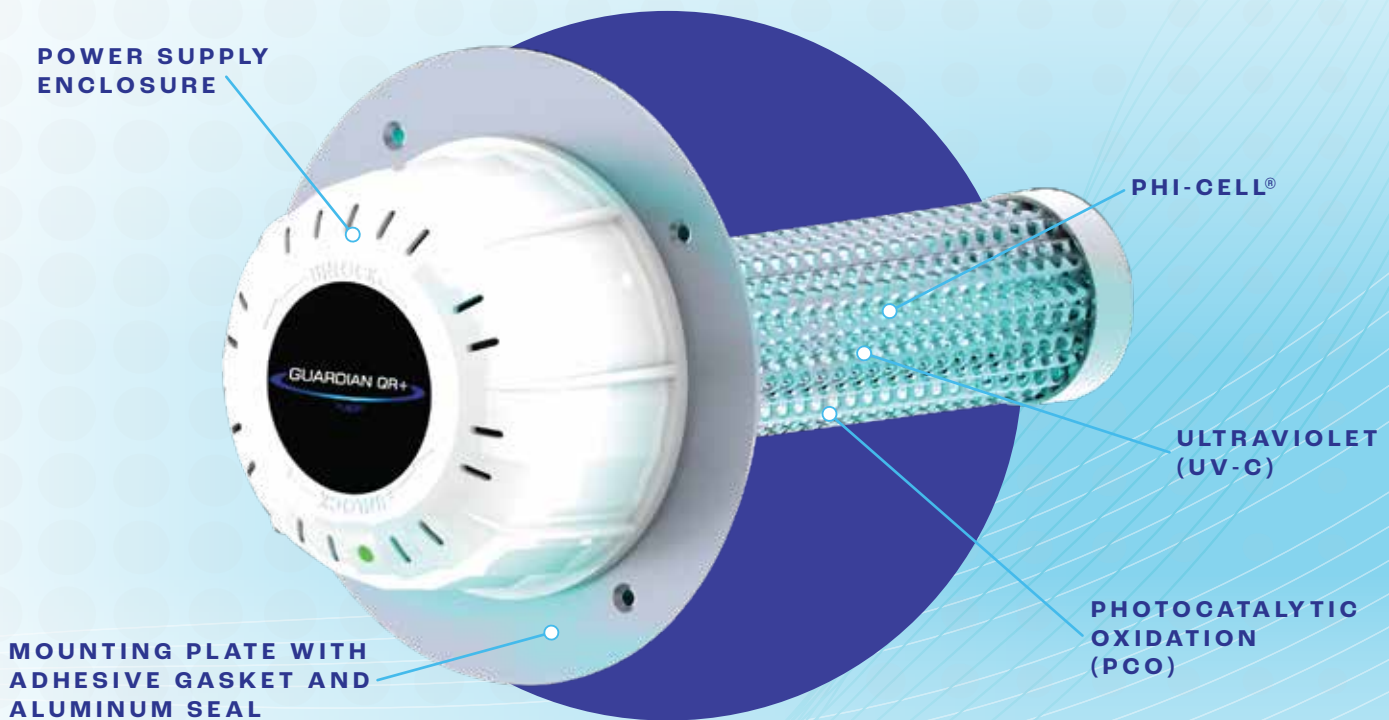
TO LEARN MORE, VISIT: [RGF.COM](http://RGF.COM)

## Why Use RGF's PHI-CELL® Technology?

Photohydroionization® (PHI) is an active air treatment technology. Active air treatment is the process of reducing air and surface contaminants by recreating natural levels of airborne hydrogen peroxide in occupied areas.

RGF's patented PHI-CELL® technology combines a photocatalytic process and a multiwavelength UV source to create active air purification. The combination of UV-C light and a hydrated quad-metallic catalyst drives a reaction that produces low level, airborne hydrogen peroxide. RGF's PHI-CELL® air treatment systems are operating safely in over four million installations globally.

## Guardian Air QR+ Indoor Air Purification



| ITEM#  | REPLACEMENT CELL | ELECTRICAL                  | DIMENSIONS  | SHIP WT.        |
|--------|------------------|-----------------------------|---|-----------------|
| QRP-5  | PHIC-QR5         | 24 VAC, 0.47 Amps, 11 Watts | 5" Probe / 5.5" Dia. Plate<br>127mm Probe / 139.7mm Dia. Plate    | 3 lbs<br>1.4 kg |
| QRP-9  | PHIC-QR9         | 24 VAC, 0.6 Amps, 14 Watts  | 9" Probe / 5.5" Dia. Plate<br>228.6mm Probe / 139.7mm Dia. Plate  | 3 lbs<br>1.4 kg |
| QRP-14 | PHIC-QR14        | 24 VAC, 0.7 Amps, 17 Watts  | 14" Probe / 5.5" Dia. Plate<br>355.6mm Probe / 139.7mm Dia. Plate | 4 lbs<br>1.8 kg |

### MATERIALS

Aluminum / Polymers

### HVAC BLOWER SIZE

300 – 18,000 CFM (509.7 m<sup>3</sup>/h – 30582.19 m<sup>3</sup>/h)

### CELL REPLACEMENT

Recommended after 2 years

### WARRANTY

5 year U.S. and Canada  
(1 year international)



Tested according to:  
UL 1598:2021/R:2021-06  
CSA C22.2 No.250.0:2021/U1:2021-6  
EN 60335-2-65:2003/A12:2022  
EN 60335-1:2012/A15:2021  
Conforms to:  
UL 60335-2-40



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