

 **QUAKELOGIC**

# QL-AirGuard Pro 600

ADVANCED AIR PURIFICATION SYSTEM



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## ADVANCED AIR PURIFICATION SYSTEM

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- The QL-AirGuard Pro 600 Advanced Air Purification System is a high-capacity, commercial-grade air purification solution engineered for institutional and government applications requiring reliable, high-performance indoor air quality control. The system utilizes a multi-stage filtration architecture combining pre-filtration, activated carbon adsorption, and high-efficiency HEPA filtration to effectively remove airborne particulates, odors, and harmful contaminants. With a high Clean Air Delivery Rate (CADR) of 600 m<sup>3</sup>/h, the unit ensures rapid air circulation and consistent air purification performance across large indoor areas.
- The system operates with optimized airflow management to maintain low noise levels while delivering high efficiency. Designed for ease of use, the unit includes real-time air quality monitoring, intelligent control modes, and tool-free maintenance, providing a dependable, energy-efficient, and long-term solution.

## **Technical Specifications:**

Coverage Area:	650 sq ft per unit
Clean Air Delivery Rate (CADR):	600 m <sup>3</sup> /h
Noise Level:	60 dB
Weight:	19.8 lb
Power Supply:	110–120V, 50/60 Hz, U.S. standard plug
Rated Power:	69W
Fan Speed Settings:	5 speed levels (auto, sleep, low, medium, high)
Filtration System:	Pre-filter + Activated Carbon Filter + HEPA Filter (99.97% efficiency)
Filter Configuration:	: Integrated composite HEPA and activated carbon filtration system
Filter Replacement:	Tool-free, user-replaceable filter design
Included Accessories:	1 complete filter set per unit
Air Quality Monitoring:	PM2.5 sensor with real-time digital display
Control System:	Automatic mode with real-time air quality adjustment
Additional Features:	UV sterilization support, negative ion generation (10 million ions/cm <sup>3</sup> ), timer function, filter replacement indicator
Product Dimensions:	11.8 in × 11.8 in × 30.7 in
Construction:	Durable industrial-grade housing
Delivery:	90 days ARO (FOB Destination)
Warranty:	1-year comprehensive warranty with manufacturer support



# Advanced Air Purification Solutions Engineered for Superior Indoor Air Quality Performance

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## Corporate Headquarters

QUAKELOGIC INC.  
2008 Opportunity Dr. Suite 130  
Roseville, CA 95678, USA

## Executive Support Line

**+1 (916) 899-0391**

Direct access for advanced air purification system consultations, indoor air quality optimization, and priority technical support.

Available Monday - Friday, 9 AM - 5 PM PST

## Strategic Inquiries

**[sales@quakelogic.net](mailto:sales@quakelogic.net)**

For strategic collaborations, air purification systems, indoor air quality solutions, and environmental control applications.

## Our Commitment to Advanced Air Quality Solutions

### Certified Quality Assurance

Complying with international standards to ensure air purification efficiency, system reliability, and consistent performance in demanding indoor environments.

### Innovative Air Purification Technology

Delivering advanced multi-stage filtration systems that ensure high-efficiency particle removal, odor control, and optimized air circulation across large indoor spaces.

### Dedicated Client Success

Providing responsive technical support, system optimization, and comprehensive after-sales service for every air purification system delivered.

## Scan to Explore Advanced Air Purification Solutions



### Explore System Capabilities and Applications

Discover how QuakeLogic's air purification systems improve indoor air quality and enhance environmental safety across various applications.

**[www.quakelogic.net](http://www.quakelogic.net)**