Compact Fire Suppression System

The Comodo Series is a versatile fire suppression solution designed for a wide range of environments, offering unmatched protection in compact spaces. With advanced features, certifications, and a robust design, it ensures reliable fire safety where it matters most.

Key Features and Functions

1. Fire Suppression Capacity

C0.5 (0.5L): Effective for fires up to 600mm x 600mm (~0.36m²).

C1.0 (1L): Effective for fires up to 1m x 1m (~1m²).

C1.8 (1.8L): Effective for fires up to 1.2m x 1.2m (~1.44m²).

2. Automatic Activation

Automatically activates upon fire detection, ensuring a rapid response.

3. Early Activation Advantage

Detects fires in their earliest stages, minimizing escalation.

Helps prevent the spread of fires within the area.

4. Temperature Monitoring

Features a heat-to-rise detection system, which reacts faster than traditional heat detectors by identifying rapid temperature increases, even before the fire fully develops. This ensures earlier activation and minimizes the potential for fire escalation.

5. Picture Prior to Activation

Captures an image of the fire source before suppression begins. This standard feature transmits the image via the app and desktop software, assisting with investigations, insurance claims, and identifying fire causes.

6. Alert Notifications

Sends real-time alerts directly to the mobile app and desktop software.

Optionally integrates with a 24 hour command center for enhanced response coordination.

7. Remote Activation Capability

Enables users to activate the suppression system via the app or desktop software.

Ensures quick response, even if the user is not on-site.

8. Compact Design

Includes a manual activation button, allowing users to demount the system and use it by hand if necessary. This feature provides flexibility for addressing small fires immediately.

9. Power Options

Operates on a rechargeable lithium-ion battery (lasting up to 12 months) or a USB power adapter.

Backup power ensures functionality even during outages.

10. Testing and Maintenance

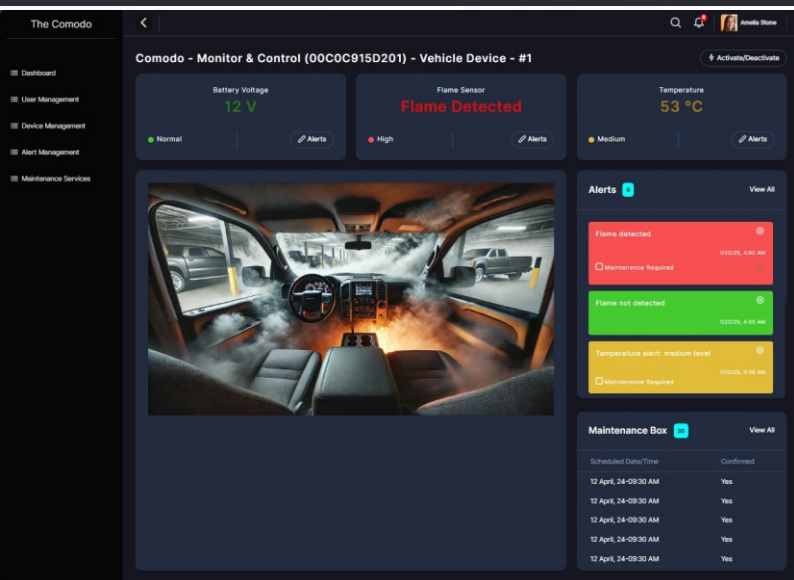Suggested yearly battery replacement and system checks.

Maintenance requirements may vary by local government regulations.

11. Environmental Conditions

Stainless Steel Structure: High-grade stainless steel ensures durability and corrosion resistance.

Maintains structural integrity across a wide range of operating temperatures.

Maintains structural integrity in extreme temperatures, operating effectively from -20°C to 60°C.

Images are for illustration purposes only and may not reflect actual software visuals

12. Certifications and Global Recognition

CE Approval: Ensures compliance with EU safety and environmental standards.

ASME Section VIII: Guarantees the system's pressure vessel safety under high stress.

NATA Accreditation: Demonstrates global testing and quality assurance for reliable performance.

13. Global Applicability:

Mutual recognition agreements ensure certifications like CE and ASME are accepted in other regions, reducing the need for duplicate testing and simplifying global market access

14. Why These Certifications Matter:

Comprehensive Safety Testing: Ensures the system performs reliably under real-world conditions.

Global Recognition: Certifications like CE, ASME, and NATA are respected worldwide, enhancing customer confidence.

Streamlined Market Access: Reduces the need for duplicate testing, saving time and costs.

15. Software and App Integration:

Provides real-time monitoring, notifications, and remote control.

Allows customized response protocols for specific environments or users.

16. Customizable and Versatile Deployment:

Ideal for vehicles (cars, trucks, boats, campervans and RV's), compact spaces (kitchens, labs), and industrial or remote locations.

Tailored to high-risk fire areas such as server rooms, battery compartments, and storage facilities.

Heritage Buildings and Art Galleries: Minimizes damage to irreplaceable artifacts and works of art.

Retail and Storage Areas: Protects valuable goods in stockrooms and warehouses.

Public Spaces: Suitable for auditoriums, libraries, and museums where discreet fire protection is essential.

Remote and Isolated Locations: Effective for cabins, remote offices, and facilities far from emergency services.

Disclaimer:
Compliance with local fire safety regulations is mandatory.

Professional installation is recommended to ensure proper setup and functionality.

While the system aids in fire suppression, it does not guarantee extinguishment of all fire types or scenarios.

Provides early detection to alert emergency services promptly, ensuring they can respond as quickly as possible.