INSPECT.
SERVICE.
PROTECT.

Maintenance Guide and Checklist

Smoke, Fire+Smoke Curtains

Ensure Safety and Code Compliance: Service Your Smoke and Fire+Smoke Protective Equipment Regularly

SMOKE GUARD

Importance of Annual Checkups & Maintenance

Annual maintenance ensures the reliability of your facility's smoke and fire+smoke barriers. These systems isolate smoke and fire to provide safe evacuation paths for occupants.

Regular inspections identify worn components—like motors, sensors, curtains/screens, or batteries—before they fail. This prevents costly emergency repairs and avoids code-compliance penalties from the local Authority Having Jurisdiction (AHJ).

SERVICE SCHEDULE (ALL PRODUCTS)

PRODUCT	SERVICE FREQUENCY (CODE MIN)	SERVICE FREQUENCY (RECOMMENDED)	CODE REQUIRED TEST/INSPECTION INCLUDED
ELEVATOR SMOKE CURTAINS M200 M400 M600 M2100E	Annual	Semi-Annual (2x per year)	Yes
VERTICAL SMOKE/ FIRE+SMOKE CURTAINS M2100 M2500	Annual	Semi-Annual (2x per year)	Yes
HORIZONTAL FIRE+SMOKE CURTAINS M3000	Annual	Semi-Annual (2x per year)	Yes
VERTICAL WINDOW FIRE+SMOKE CURTAINS M1000	Annual	Semi-Annual (2x per year)	Yes
DEPLOYABLE DRAFT SMOKE/ FIRE+SMOKE CURTAINS M2100 DRAFT M2500 DRAFT	Annual	Semi-Annual (2x per year)	Yes
PERIMETER FIRE+SMOKE CURTAINS M4000	Annual	Semi-Annual (2x per year)	Yes
STATIC DRAFT SMOKE CURTAINS SG DRAFT	N/A	1x per year (visually check for wear/tear)	N/A

The Value of Prevention

Regular maintenance is more than a regulatory requirement—it is a comprehensive strategy to protect your occupants/guests, building, equipment, and overall investment.

Reliable Smoke, Fire+Smoke Separation: Ensure your protective curtains deploy consistently to maintain clear egress paths and fire+smoke separation.

Extended Equipment Lifespan: Systematic lubrication, inspections, and adjustments prevent premature drive equipment and screen/curtain wear.

Code Compliance: Stay ahead of AHJ inspections and avoid costly "failure to maintain" fines.

Reduced Emergency Costs: Proactively identify minor component fatigue early to avoid expensive, after-hours repairs.

Smoke, Fire+Smoke Curtain Inspection & Service Checklist

1 Visual Inspection

Conduct a thorough visual check of the equipment's exterior and the surrounding area for any obstructions that could hinder deployment.

2 Housing & Power Test

For units with curtain/screen housing units, open the housing door and cut power to the unit (via the PCB rocker switch or control box) to verify the door functions correctly during deployment.

3 Deployment Verification

Deploy the screen or curtain to ensure that it operates as intended and smoothly and at a speed within existing, applicable codes and standards.

4 Component Review

While the system is deployed, visually inspect all internal components, including the screen/curtain material, tracks, magnets, cables, pulleys, motor, limit switches, and PCBs.

5 Motor & Retraction Check

Restore power and allow the curtain/screen to retract while listening for any unusual motor noise under load.

6 Functionality Testing

Test auxiliary systems such as Curtain/Screen Retract Systems (SRS), wall-mounted switches, or edge sensors (if equipped) to ensure they trigger immediate and correct responses.

7 Adjustment & Lubrication

Lubricate pulleys, bearings, or door hinges as needed and make minor adjustments to limit switches, or curtain/screen alignment.

8 Final Reset

Cycle the system one final time after all adjustments have been completed to confirm it resets to a "green" or ready status.

9 Site Cleanup

Clean all surfaces, including rails, guides, tracks and the housing interior, and vacuum the surrounding area to remove debris and obstructions. Log results of testing, adjustments, and servicing.

The Gold Standard in Smoke and Smoke+Fire Protection

Smoke Guard has been the leader in innovative smoke and fire+smoke separation since the early 1990s. Our systems are designed to integrate seamlessly into your building's aesthetic while providing world-class protection. We don't just sell products: we provide peace of mind through engineering excellence and proactive post installation service and repairs.

Your Local Safety Partners

Our network of certified distributors provides more than just installation of Smoke Guard's high-quality smoke and fire+smoke protective equipment. They are also factory-trained experts who understand local fire codes and provide the specialized technical support and service required to keep your Smoke Guard systems in peak condition.

Need Technical Assistance?

Whether you need to schedule your regular inspection, request a repair, order an elevator smoke curtain modernization kit, or request a technical manual, our team is ready to help.

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