



Scope of Work M3000

The installation of Model 3000 Smoke Guard systems, below a building atrium, includes the following phases:

Phase 1—Site preparation by general or sub-contractor

NOTE: See shop drawings for details.

1. Provide a level horizontal fire rated header with backing or clear concrete surface for mounting the housing and side guides, (this system anchors up).
2. Provide a vertical mounting surface within 30 conduit feet for two 18" x 18" x 6" control boxes, between the head box and foot box on the right side as shown in the shop drawings.
3. If a soffit is going to be dropped down around the system allow a 1" clearance around the outside of the system.
4. Eliminate any ceiling or grid in the housing and side guide areas.
5. Provide temporary power during installation.

Phase 2—Installation by Smoke Guard system installer

1. Layout system with chalk lines onto the mounting surface before installing.
2. Provide and install housing with fire containment curtain.
3. Provide and install side guides.
4. Provide and install Two 18" x 18" x 6" Control boxes in area provided by the General Contractor.
5. Terminate all electrical connections at both Control stations
6. Provide appropriate anchors for type of material you're attaching to.

Phase 3—Wiring by electrical contractor

NOTE: See shop drawings for details.

1. Provide UL 268 compliant smoke detector and install end-of-line diode (furnished by Smoke Guard Corporation).
2. Provide all electrical circuits and conduit for the Alarm, Right side of Head box and right side of Foot box back to the control. See electrical diagram for details.
3. (Optional) Provide wiring and junction box for wall switch that deploys and opens the system.
4. Provide service disconnect supplying 120 VAC to the controls.

Phase 4—Finish work by general contractor or sub-contractor

5. Provide a bead of fire caulking sealant along the inside and outside perimeter of the system housing and side guides.
6. Provide new ceiling or valance, NOT attached to housing or side guides, with at least 1/8 inch gap around the perimeter.

Phase 5—Responsibilities of the building owner

1. The Smoke Guard system is considered “connected equipment” as defined in NFPA 72. As such, the owner or designated representative shall be responsible for inspecting, functional testing, recording of tests, and maintaining the system. Delegation of responsibility shall be in writing, with a copy made available to the authority having jurisdiction under the provisions of the building code and local ordinances.
2. Testing frequency requires a Visual inspection, functional testing, and maintenance described in this manual must be performed and recorded at intervals not longer than six months, more frequently where required by the authority having jurisdiction.
3. Visual inspection shall ensure that there are no changes that would affect equipment performance—such as building modifications, occupancy hazards, and environmental effects. Smoke Guard recognized personnel must perform any alterations or additions to your system.
4. Acceptance tests shall be performed after system components are added or deleted, after any modification, repair, or adjustment to the system hardware or wiring.