

Construction Features and Benefits

- *Nightly Close: This will prevent downdrafts of untempered air into the kitchen.*
- *Low Maintenance: There is no fusible link to replace annually, per NFPA 96.*
- *Constructed of 16 ga. Galvanized or 18 ga. Stainless Steel.*
- *Relay Operated.*
- *Thermostatically Controlled.*
- *Motorized Reset, Spring Closure.*
- *Available on all Greenheck, UL Listed with Fire Damper, Kitchen Hood Models.*

The Greenheck Automatic Fire Damper is a resettable fire damper designed to provide a second line of defense in fire protection. This feature is used in the industry, primarily on waterwash hoods, however it is also available on our baffle filter and dry cartridge models. ***The use of an exhaust duct fire damper is determined by the local code authority.***

The purpose of a fire damper is to prevent exhaust duct fires. If the first line of defense fire suppression system fails to extinguish the fire, the exhaust fan will continue to exhaust heat and smoke. When the temperature in the duct reaches 280°F, the thermostat will trigger the actuators internal spring, causing the damper to automatically close. The electrical power to the fans, will also be shut off. This contains the fire in the kitchen and helps to delay the spread to other areas.

The damper requires resetting after the thermostat has cooled to a temperature less than 250°F. When the damper is fully open, power to the exhaust fan and make-up air will be restored. ***For more technical information please consult factory.***

*Caution: The **Automatic Fire Damper** is not intended to function as an air controller or balancing damper. All fire dampers connected to a single fan will function simultaneously, allowing the fan to be on only when the dampers are fully open.*

Code Information

The Greenheck Automatic Fire Damper is built in accordance with the following codes, standards, and recommended practices.

- **UL Standard 710**
- **Uniform Mechanical Code**
- **NFPA 96**
- **SBCCI**
- **BOCA**



Submittal Order Information

(this information is needed in order to process the order)

1. Number of hoods per fan

- One hood
- Two or more hoods (SDR is required)

2. Hood switches (lights(s), fan(s), heaters(s))

- Hood mounted
- Remote mounted

3. Number of duct collars (dampers) per hood

- One damper
- Two dampers

4. Duct locations on hood

- Standard
- Non-standard (specify locations)

5. Fire suppression contacts

- By Greenheck (SDR is required)
- By others

6. Dimensions

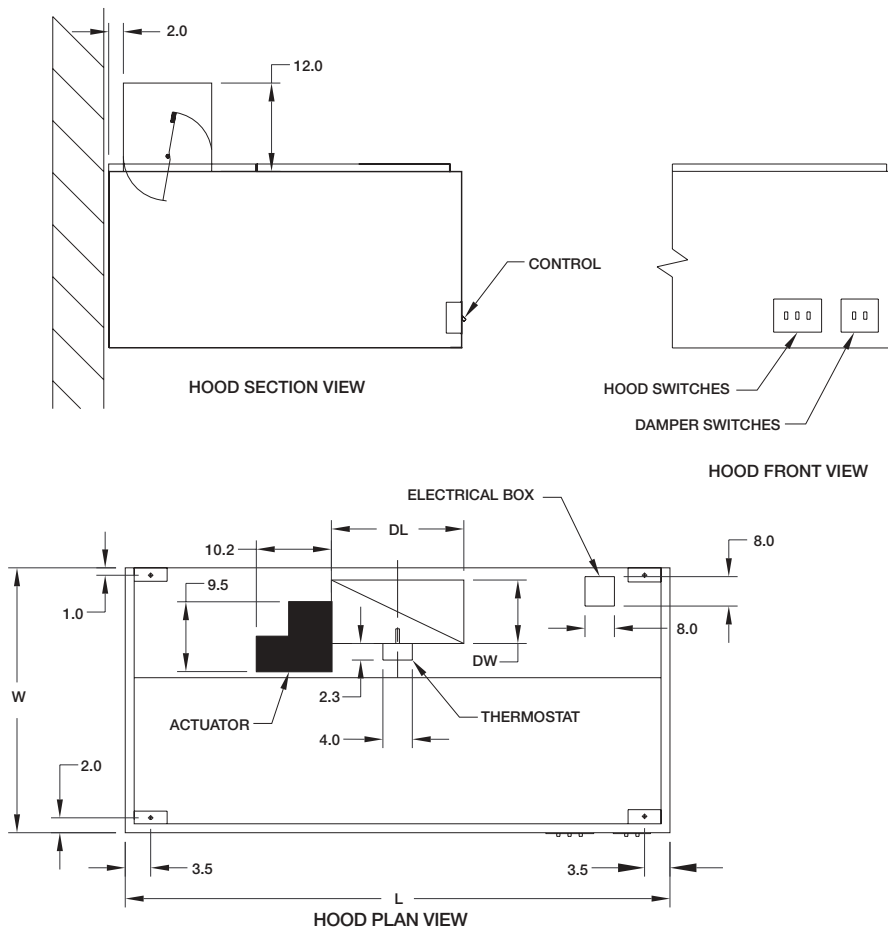
(L)ength _____

(W)idth _____

(H)eight _____

(DW) Duct Width _____

(DL) Duct Length _____



Complete Kitchen Ventilation Systems



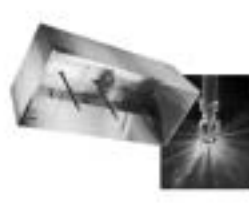
Exhaust Hoods



Exhaust Fans



Make-Up Air Units



Fire Suppression



Utility Distribution

Visit the Greenheck website for the most current information available
www.greenheck.com

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