

How it Works

The Designer (DS) Series

The Designer's actuation is simple. The mechanical links will heat up, when the set point is met, they will break. This causes a mechanical discharge of the suppression system. The fire will be extinguished, and the fuel source to the stove will be shut down. An internal audible alarm will sound, in addition, if the building is tied into an alarm a signal will be sent to it.

The D1000

The D1000 contains two temperature switches that monitor the cooking environment. When heat builds and the first set point is reached the fan will turn on High to dissipate the heat. If heat continues to build, the second temperature switch will activate, in addition to the fan being on High, the fuel source to the range will shut down and an audible internal alarm will sound letting the user know that there is a lot of heat present.

If heat continues to build the fusible links will reach their set point causing the mechanical discharge of the suppression system. The fire will be extinguished. A second signal to shut down the fuel source to the stove will be sent in case there was a flash fire or the system was discharged using the optional manual pull station, and an internal alarm will sound. It will also send a signal to an alarm system if it is tied in to one.