



SECURITY SAFETY OVERVIEW

Safety of General Public

Fast Fog is best-suited and specifically designed for after hours intrusion security and immediately repels the intruder. When used to protect property only during the night, the general public will not interact with the fog. The alarm simply won't arm (and enable the *Fast Fog* unit) until the premises are empty and all doors are closed.

The optimal Sequence of Events is as follow:

1. Key holder ensures there is nobody left in the protected area
2. Key holder arms alarm by entering the security code
3. Thieves wait for most quiet time and make a forceful entry
4. Thieves cause the alarm to activate
5. Alarm system transmits a signal to the Central Station
6. Central Station notifies police and key holder in accordance to local response policies
7. Alarm panel initiates *Fast Fog* activation
8. Fog is ejected at high speed, filling the protected area
9. The fog emission is noticed immediately upon entry. Average fill time is 30 seconds
10. Thieves are faced with the fog and then make the choice to get in or not
11. Most thieves leave in the first 15 seconds, and those that do try to stay usually leave in another 30 seconds when they realize stealing is just too risky
12. Police arrive and wait until the fog clears, then follow normal procedure
13. Alarm company and police talk to the key holder

People and Product Safety

Fast Fog is based on the same technology as "Halloween smoke." To make fog, a glycol-water mixture is pumped under pressure into a heat exchanger and is thus vaporized instantly. Artificial fog has long been recognized as safe.

Employee Safety

A correctly installed *Fast Fog* cannot activate during the day because the alarm is not armed. *Fast Fog* has been designed with redundant features which prevent it from activating even if it receives an erroneous "Go" signal from the alarm panel. In cases where employees fumble while disarming the alarm, the system will activate until the correct code is put in. Even if a full activation happens there will be no damage and employees will be highly motivated to never do it again.

Safety of Burglars

Some of the ways intruders are protected:

- Warning stickers clearly warn of an installation
- A voice siren may be used to alert and advise to leave immediately
- *Fast Fog* is never installed as a man trap. It is installed over the merchandise being protected, not between the intruder and the exit/entry point
- *Fast Fog* is never installed in a way that is likely to cause injury. It is not to be put in stairwells, to be combined with trampling devices, artificial obstacles or traps
- The vast majority of burglars never confront the fog

