

# Things You Should Know About Fire Rating Safes

By Miftah Habibi, Student of USU (Universitas Sumatera Utara)

Monday, 25/10/2015

Above all, it should be noted that fireproof safes are not totally fire resistant. They just protect and endure certain high temperatures for a certain period of time. With that said, here are some facts about fire rating safes:

Underwriters laboratories (UL) offers a unique system for the rating of fire safes

The system classifies types of safes based on their temperature and time resistance in case of a fire. There are three categories for the fire rates:

UL Class 125 keeps the content safe at a 125 degrees Fahrenheit or less. This type of safe provides the highest level of protection as it keeps inner humidity at 80%, for a manufacturer specified time period. This type of fire proof safe is suitable for all electronic media and other documents. Class 125 safes also offer water resistance as they have seals on the safe door which prevent water from entering.

UL Class 150 keeps the contents at 150 degrees Fahrenheit temperature or less. It keeps the inner level of humidity at 85% for a manufacturer specified time period. This class of safe is suitable for storage of optical media, like CDs or DVDs, magnetic tape and all types of paper documents.

UL Class 350 keeps the contents at a 350 degrees Fahrenheit temperature and keeps the inner humidity level at 85% for a manufacturer specified time period. It is suitable for any types of paper documents.

All the safes offer a minimum time period in which items can be safely stored. For example, a Class 150 One-Hour-Safe will keep the contents inside safe at a 150 degrees Fahrenheit, for a minimum of one hour. The time periods the safes offer are one –half, one hour, two hours, three hours and four hours. Depending on the time specifications from the manufacturers, safes can vary in time resistance accordingly.

Class 125, Class 150 and Class 350 are not rated in burglary resistance. However, the rating system also includes situations where a safe is placed on the upper floor of a home or a building, in which case it could fall through, due to fire damage in ceilings and floors. In these cases, impact resistance is crucial as the safe has to resist the impact of the fall-through, as well as keep its inner content safe while in a burning pile.

Fireproof safe is really important for your gun protection. If you need more protection for your gun collection, you should choose the bigger one than the general fireproof safe, it's fireproof gun safe. You can visit [fireproofgunsafe.us](http://fireproofgunsafe.us) for great content about it.



# About Me

I am Miftah Habibi, student of Fisika '12 USU. I take a passionate of material. Steel construction is used to get fire protection. It brings me a way to fireproof safe. It's really helpful for army or personal use. The user can save money, valuable documents, guns, and other valuable things inside of it. I hope in the future, technology finds another material that can change steel role for fire protection.