Technical Specifications of Diplomat Fire-Resistant Security Steel Safes

- **Brand:** Diplomat Fire-Resistant Security Safe
- **Quality Assurance:** Diplomat safes have passed fire-resistance tests conducted by internationally recognized testing institutes and have obtained multiple certifications. Manufacturing is carried out under the ISO 9001 Quality Management System to ensure quality assurance.
- **Fire Resistance Rating:** Tested for 90 minutes (1.5 hours) of fire resistance and certified by the Swedish RISE testing institute.
- **Certification:** RISE – 90-minute paper fire-resistance test.
- **Certificate No.:** 164902.
- **Model:** 070 – Single-Door Safe.
- **Country of Origin:** South Korea.
- The safe is fire-resistant and designed to protect documents and other contents from fire.
- Manufactured from high-quality galvanized steel sheets using electro-galvanized steel panels. The safe is coated with a high-quality, durable, rust-resistant finish that provides a smooth, glossy surface and helps prevent scratches and corrosion.
- Equipped with Diplomat's proprietary **STYRONITEF fire-resistant insulating material**.
- Locking System – Dual-Control Security: **EDL77 key lock combined with a digital combination lock (Key Lock + Digital Lock).**
- Equipped with a metal handle for easy opening.
- Designed with specialized steel that provides enhanced resistance to drilling and forced entry.
- Supplied with high-security keys that are difficult to duplicate. Each key lock comes with **two keys**.
- Equipped with two strong, movable steel locking bolts, two fixed bolts on the opposite side of the door, and an additional movable bolt at the top of the door to ensure secure locking.
- Features a tightly sealed door structure designed to help prevent the penetration of smoke, heat, and water, while providing impact resistance.
- Equipped with **one lockable metal drawer** mounted on telescopic runners, as well as **one adjustable-height metal shelf** inside the safe.
- Fitted with **three key hooks** on the inside of the safe door for hanging important keys.
- **Color:** Ivory – RAL 9002.

Testing and Certifications

The safe has successfully passed the following fire-resistance and durability tests:

- **90-Minute Fire Resistance Test:** Tested in a furnace at a temperature of **1,080°C** for 90 minutes.
- **Drop Test:** Tested by dropping the safe from a height of **9.1 meters**.
- **Internal Component Impact Test:** Tested for impact resistance of internal components.
- **Water Sprinkler Resistance Test:** The safe has passed tests for resistance to water from sprinkler system

Dimensions, Weight, and Storage Capacity (Liters):

Specification	Model 070
External Dimensions (H × W × D)	500 x 500 x 695 mm
Internal Dimensions (H × W × D)	515 x 380 x 330 mm
Net Weight	90 kg
Storage Capacity	64 L

ISO 9001 Quality Assurance System ISO 9001 certified by CreBIZ	KS (Korea) Fire resistant mark KS first among Korean-made safes (1984)	SP (Sweden) RISE, Research Institutes of Sweden Fire Test approved