



# PRODUCT CATALOG

2022-2023



GUN SAFES



HOME SECURITY



PHARMACY SAFES



COMMERCIAL SECURITY



DEPOSITORY SAFES



ELECTRONIC LOCKS

# AMVAULT TL-15 AND TL-30

## AMVAULTX6 TL-30X6 HIGH SECURITY SAFE



The Amvaultx6 U.L. Listed TL-30x6, six-sided high security composite safes are made in the United States using the latest testing procedures set forth by Underwriters Laboratories.

The new revolutionary Amvaultx6 is constructed with a 3" defense barrier of inner and outer steel plates enclosing a unique interlocking heavy duty steel barrier, high strength concrete exceeding 12,000 PSI and a high density high-strength ceramic matrix.

The high density insulating materials incorporated in the door and body also insure two hours of certified fire protection. The superior design and craftsmanship make the new Amvaultx6 impervious to burglary attacks attempted by the most sophisticated equipment utilized today and the vaults contents against intense fires.

**COLOR(S):** Comes standard in Textured Black. Please refer to price book for pricing on premium colors.



CFX582820

Model	Outside Dimension H" x W" x D"	Inside Dimension H" x W" x D"	Door Clearance H" x W"	Door Thickness"	Body Thickness"	Cubic Capacity	Weight	Lock Type
CFX252016	31 x 26 x 25-1/4	25 x 20 x 16	25 x 20	3	3	4.6 ft.	1,433 lbs.	See pg. 52
CFX352020	41 x 26 x 29-1/4	35 x 20 x 20	35 x 20	3	3	8.1 ft.	1,946 lbs.	See pg. 52
CFX452020	51 x 26 x 29-1/4	45 x 20 x 20	45 x 20	3	3	10.4 ft.	2,343 lbs.	See pg. 52
CFX582820	64 x 34 x 29-1/4	58 x 28 x 20	58 x 28	3	3	18.8 ft.	3,418 lbs.	See pg. 52
CFX703620	76 x 42 x 29-1/4	70 x 36 x 20	70 x 36	3	3	29.2 ft.	4,578 lbs.	See pg. 52

Add 2-1/2" to outside depth for handle, dial and hinge projection. Optional 3-way boltwork available on the CFX line.



## FIRE RATINGS

When it comes to fire protection nobody does it better than American Security! We've developed high security safes that earned the stringent Underwriters Laboratories UL half-hr., 1 hr. and 2 hr. fire endurance classifications and have tested and certified a 30 min., 45 min., 60 min., 90 min., and 120 min. series gun safes with Intertek ETL, the industry's leading independent laboratory for gun safe fire testing. When comparing fire ratings it is important to understand the following:

- Be sure to weigh reports from independent laboratories against unverified factory testing.
- Consumers looking for real fire protection should consider a safe that has been tested and certified by either Underwriters Laboratories (UL) or Intertek Laboratories (ETL).
- Verify the fire curve. Did the furnace hold its specified temperature early on in the test or ramp up near the end? A true 2-hr. fire test should show that within 8 minutes, the furnace temperature was raised to 1200° F, and that temperature was maintained for the remainder of the two-hour test.
- What type of door seals does the product offer? The best seal is a Palusol™ door seal that expands to 7 times its size when temperatures reach 212 degrees, sealing off both heat and smoke. Some top end products use dual seals utilizing a silicone seal as first defense protecting the safe until the Palusol™ seal performs its task.

Fire causes over 6 billion in property damages every year. The National Fire Protection Agency NFPA also reported that one home structure fire happens every 85 seconds. With alarming facts as these make sure you make the right choice.

**The Best:** Fire safes that are constructed with inner and outer steel plates enclosing a poured fire insulating material creating a seamless fire barrier. These safes offer superior fire protection and have been tested by either Underwriters Laboratories (UL rating) or Intertek (ETL).

**Better:** Fire safes are constructed with 2 to 4 assorted layers of gypsum board positioned throughout the interior body and door. These safes should be tested and verified by Intertek (ETL).

**Good:** Fire safes are constructed with 1 to 2 assorted layers of gypsum board positioned throughout the interior body and door. They typically offer a manufacturers independent fire rating.

### FIRE ENDURANCE TEST

After heat sensors and paper are placed inside the safe, the unit is locked and exposed to a uniformly distributed fire. The furnace is regulated to reach a maximum temperature of 1700°F for a period of one hour, or 1850°F for two hours, then allowed to cool without opening the furnace. The interior temperature is recorded throughout the test and during the cooling period until a definite drop is shown and must never exceed 350°F.

Once cooled, the unit is opened and examined for usability. The units locking mechanisms and parts fastenings are examined for security and the interior examined for visible evidence of undue heat transmission.

### EXPLOSION HAZARD TEST

The safe is locked and placed into a furnace preheated to 2000°F. This temperature is maintained for 30 minutes (2 hour test is 45 minutes) and if no explosion results, the unit is allowed to cool without opening the furnace doors. Once cooled, the unit is opened and examined for usability. The units locking mechanisms and parts fastenings are examined for security and the interior examined for visible evidence of undue heat transmission.

### FIRE IMPACT TEST (MANUFACTURER'S OPTION)

After the explosion hazard test, the safe is removed from the furnace and within two minutes is dropped 30' onto a riprap of brick on a heavy concrete base. After impact, the unit is examined for deformation, rupture of parts, damaged insulation and any other openings into the interior of the unit. Once cooled, the unit is inverted and reheated to 1550°F for a period of 30 min. (2 hour test: 45 min. at 1638°F). Once cooled, the unit is opened and examined for usability. The units locking mechanisms and parts fastenings are examined for security and the interior examined for visible evidence of undue heat transmission.



### U.L. FIRE RATING EXPLAINED

U.L. Label/Class 350°F-one hour and Class 350°F-two hour. The safe will maintain an interior temperature less than 350°F when exposed to fire for a period of one hour at 1700°F or for a period of two hours at 1850°F. Safe must successfully undergo all other requirements for the Fire Endurance Test, Explosion Hazard Test and the Fire Impact Test.

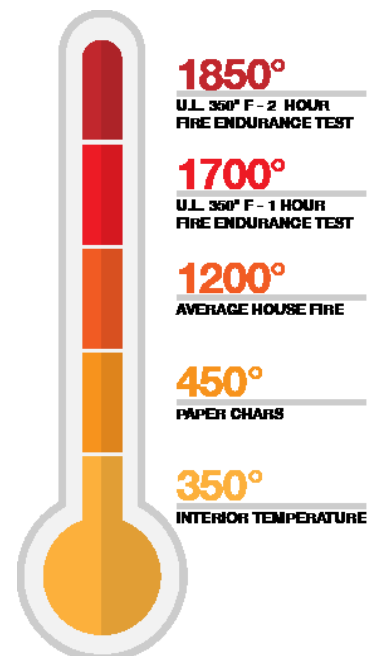


Intertek

### ETL FIRE RATING EXPLAINED

ETL Testing Laboratories has been conducting performance and reliability tests since 1896. They are an internationally recognized with Labs in over 14 countries. Today Intertek ETL is the industry's leading independent laboratory for gun safe fire testing.

When analyzing the fire performance of competitive gun safes, be sure to weigh reports from independent laboratories against unverified factory testing.



## FIRE RATINGS



### 30 MINUTE RATING EXPLAINED

NEW ETL-INTERTEK LABORATORY TESTING CONFIRMS THAT AMERICAN SECURITY'S TF® GUN SAFES HAVE SUPERIOR FIRE PROTECTION FOR 30 MIN. AT 1,200°F.

American Security's TF Gun Safes are constructed 2 to 3 assorted layers of gypsum board positioned throughout the interior body and door. This superior fire protection was confirmed at ETL-Intertek, the industry's leading independent laboratory for gun safe fire testing. When analyzing the fire performance of competitive safes, be sure to weigh reports from independent laboratories against unverified factory testing or untested claims. During fire testing, ETL-Intertek kept our TF Gun Safes in their test oven for 30 minutes. Within 8 minutes, the furnace temperature was raised to 1200° F, and that temperature was maintained for the remainder of the 30 minute test. This method is consistent with the UL-72 fire test. Typical house fires only reach temperatures of 1100° F. A safe is considered to have failed this test if temperatures exceed 350°F anywhere in the safe. Our safe passed the test as internal temperatures never exceeded 350° F during the 30 minute of testing. Paper typically starts to ignite at 450° F.

### 45 MINUTE RATING EXPLAINED

NEW ETL-INTERTEK LABORATORY TESTING CONFIRMS THAT AMERICAN SECURITY'S FV® GUN SAFES HAVE SUPERIOR FIRE PROTECTION FOR 45 MIN. AT 1,200°F.

American Security's FV Gun Safes are constructed 2 to 3 assorted layers of gypsum board positioned throughout the interior body and door. This superior fire protection was confirmed at ETL-Intertek, the industry's leading independent laboratory for gun safe fire testing. When analyzing the fire performance of competitive safes, be sure to weigh reports from independent laboratories against unverified factory testing or untested claims. During fire testing, ETL-Intertek kept our FV Gun Safes in their test oven for 45 minutes. Within 8 minutes, the furnace temperature was raised to 1200° F, and that temperature was maintained for the remainder of the 45 minute test. This method is consistent with the UL-72 fire test. Typical house fires only reach temperatures of

1100° F. A safe is considered to have failed this test if temperatures exceed 350°F anywhere in the safe. Our safe passed the test as internal temperatures never exceeded 350° F during the 45 minute of testing. Paper typically starts to ignite at 450° F.

### 60 MINUTE RATING EXPLAINED

ETL-INTERTEK LABORATORY TESTING CONFIRMS THAT AMERICAN SECURITY'S SF® GUN SAFES HAVE SUPERIOR FIRE PROTECTION FOR 60 MINUTES AT 1,200°F.

American Security safes that receive a 60-minute fire rating, like the SF series of gun safes, are safes that have been tested and certified to meet or exceed performance metrics at a temperature of 1,200° F for at least 60 minutes. This superior fire protection was confirmed at ETL-Intertek, the industry's leading independent laboratory for gun safe fire testing. When analyzing the fire performance of competitive safes, be sure to weigh reports from independent laboratories against unverified factory testing or untested claims. During fire testing, ETL-Intertek kept our BF Gun Safes in their test oven for two hours. Within 8 minutes, the furnace temperature was raised to 1200° F, and that temperature was maintained for the remainder of the 60-minute test. This method is consistent with the UL-72 fire test. Typical house fires only reach temperatures of 1100° F. A safe is considered to have failed this test if temperatures exceed 350°F anywhere in the safe. Our safe passed the test as internal temperatures never exceeded 350° F during the 60 minutes of testing. Paper typically starts to ignite at 450° F.

### 90 MINUTE RATING EXPLAINED

ETL-INTERTEK LABORATORY TESTING CONFIRMS THAT AMERICAN SECURITY'S NF® GUN SAFES HAVE SUPERIOR FIRE PROTECTION FOR 90 MINUTES AT 1,200°F.

American Security's NF Gun Safes are constructed 3 to 4 assorted layers of gypsum board positioned throughout the interior body and door. This superior fire protection was confirmed at ETL-Intertek, the industry's leading independent laboratory for gun safe fire testing. When analyzing the fire performance of competitive safes, be sure to weigh reports from independent laboratories against unverified factory testing or untested claims.

During fire testing, ETL-Intertek kept our NF Gun Safes in their test oven for 90 minutes. Within 8 minutes, the furnace temperature was raised to 1200° F, and that temperature was maintained for the remainder of the 90 minute test. This method is consistent with the UL-72 fire test. Typical house fires only reach temperatures of 1100° F. A safe is considered to have failed this test if temperatures exceed 350°F anywhere in the safe. Our safe passed the test as internal temperatures never exceeded 350° F during the 90 minutes of testing. Paper typically starts to ignite at 450° F.

### 120 MINUTE RATING EXPLAINED

ETL-INTERTEK LABORATORY TESTING CONFIRMS THAT AMERICAN SECURITY'S BF® GUN SAFES HAVE SUPERIOR FIRE PROTECTION FOR 120 MINUTES AT 1,200°F.

American Security's BF Gun Safes use a proprietary fill material called DryLight, which offers exceptional fire protection without adding excess weight. This superior fire protection was confirmed at ETL-Intertek, the industry's leading independent laboratory for gun safe fire testing. When analyzing the fire performance of competitive safes, be sure to weigh reports from independent laboratories against unverified factory testing or untested claims. During fire testing, ETL-Intertek kept our BF Gun Safes in their test oven for 120 minutes. Within 8 minutes, the furnace temperature was raised to 1200° F, and that temperature was maintained for the remainder of the 120 minute test. This method is consistent with the UL-72 fire test. Typical house fires only reach temperatures of 1100° F. A safe is considered to have failed this test if temperatures exceed 350°F anywhere in the safe. Our safe passed the test as internal temperatures never exceeded 350° F during the 120 minutes of testing. Paper typically starts to ignite at 450° F.



# BURGLARY RATINGS

## BURGLARY RATINGS

The burglary safe Construction Ratings were established by the insurance industry to develop a standard that will indicate the degree of protection a safe will provide against an attempted burglary attack. The most common construction ratings range from B-Rate to C-Rate.

The best burglary safe Test Performance Ratings were established by Underwriters Laboratories (UL). Underwriters Laboratories was founded in 1894 and is chartered as a not-for-profit independent testing organization. U.L. has been testing products and writing standards for safety for more than a century. The most common Test Performance Ratings range from the U.L. RSC burglary rating to the U.L. TL-15, TL-30 and TL30x6 high security ratings.

### B-CLASSIFICATION / GOOD PROTECTION

The "B" burglary resistive classification is an industry construction and performance rating. This type of construction rating was established by the insurance industry to develop a standard that will indicate the degree of protection a safe will provide against an attempted burglary attack.

**Construction Specifications:** Steel doors less than 1" thick and steel body less than ½" thick.

### C-CLASSIFICATION / BETTER PROTECTION

The "C" burglary resistive classification is an industry construction and performance rating. This type of construction rating was established by the insurance industry to develop a standard that will indicate the degree of protection a safe will provide against an attempted burglary attack.

**Construction Specifications:** Steel doors at least 1" thick and steel body at least ½" thick.

### U.L. LABEL — RESIDENTIAL SECURITY CONTAINER

Signifies a combination-locked safe designed to offer a limited degree of protection against attack by common mechanical and electrical hand tools and any combination of these means.

#### Construction Requirements:

- U.L. listed Group II combination lock or Type 1 electronic lock
- Door material equivalent to at least 3/16" open hearth steel
- Body walls of material equivalent to at least 12 gauge open hearth steel

**Performance Requirements:** The door successfully resist entry for a net working time of 5 minutes when attacked against rigorous prying, drilling, punching, chiseling, and tampering attacks by UL technicians.

### U.L. LABEL — BURGLARY CLASSIFICATION TL-15: BEST PROTECTION

Signifies a combination-locked safe designed to offer a maximum door protection against attack by common mechanical and electrical hand tools and any combination of these means.

#### Construction Requirements:

- U.L. listed Group 2M, 1, 1R combination lock or Type 1 electronic lock
- 750 lbs. minimum or comes with instructions for anchoring in a larger safe, concrete blocks or on the premises where used
- Body walls of material equivalent to at least 1" open hearth steel with a minimum tensile strength of 50,000 P.S.I.
- Walls fastened in a manner equivalent to continuous ¼" penetration weld of open hearth steel with minimum tensile strength of 50,000 P.S.I.
- One hole ¼" or less, to accommodate electrical conductors arranged to have no direct view of the door or locking mechanism

**Performance Requirements:** The door successfully resist entry\* for a net working time of 15 minutes when attacked with common hand tools, picking tools, mechanical or portable electric tools, grinding points, carbide drills and pressure applying devices or mechanisms.

### U.L. LABEL — BURGLARY CLASSIFICATION TL-30: SUPERIOR PROTECTION

Signifies a combination-locked safe designed to offer a maximum door protection against attack by common mechanical and electrical hand tools and any combination of these means.

#### Construction Requirements:

- U.L. listed Group 2M, 1, 1R combination lock or Type 1 electronic lock
- 750 lbs. minimum or comes with instructions for anchoring in a larger safe, concrete blocks or on the premises where used
- Body walls of material equivalent to at least 1" open hearth steel with a minimum tensile strength of 50,000 P.S.I.
- Walls fastened in a manner equivalent to continuous ¼" penetration weld of open hearth steel with minimum tensile strength of 50,000 P.S.I.
- One hole ¼" or less, to accommodate electrical conductors arranged to have no direct view of the door or locking mechanism

**Performance Requirements:** The door successfully resist entry\* for a net working time of 30 minutes when attacked with common hand tools, picking tools, mechanical or portable electric tools, grinding points, carbide drills and pressure applying devices or mechanisms, abrasive cutting wheels and power saws.

### U.L. LABEL — BURGLARY CLASSIFICATION TL-30x6: EXTREME PROTECTION

Signifies a combination-locked safe designed to offer a maximum six-sided body and door protection against attack by common mechanical and electrical hand tools and any combination of these means.

#### Construction Requirements:

- U.L. listed Group 2M, 1, 1R combination lock or Type 1 electronic lock
- 750 lbs. minimum or comes with instructions for anchoring in a larger safe, concrete blocks or on the premises where used
- Body walls of material equivalent to at least 1" open hearth steel with a minimum tensile strength of 50,000 P.S.I.
- Walls fastened in a manner equivalent to continuous ¼" penetration weld of open hearth steel with minimum tensile strength of 50,000 P.S.I.
- One hole ¼" or less, to accommodate electrical conductors arranged to have no direct view of the door or locking mechanism

**Performance Requirements:** The body and door successfully resist entry\* for a net working time of 30 minutes when attacked with common hand tools, picking tools, mechanical or portable electric tools, grinding points, carbide drills and pressure applying devices or mechanisms, abrasive cutting wheels and power saws.



\* Entry means for: Opening the door or making a 6 square inch opening entirely through the door or front face.





# 75 YEARS OF AMERICAN INNOVATION

