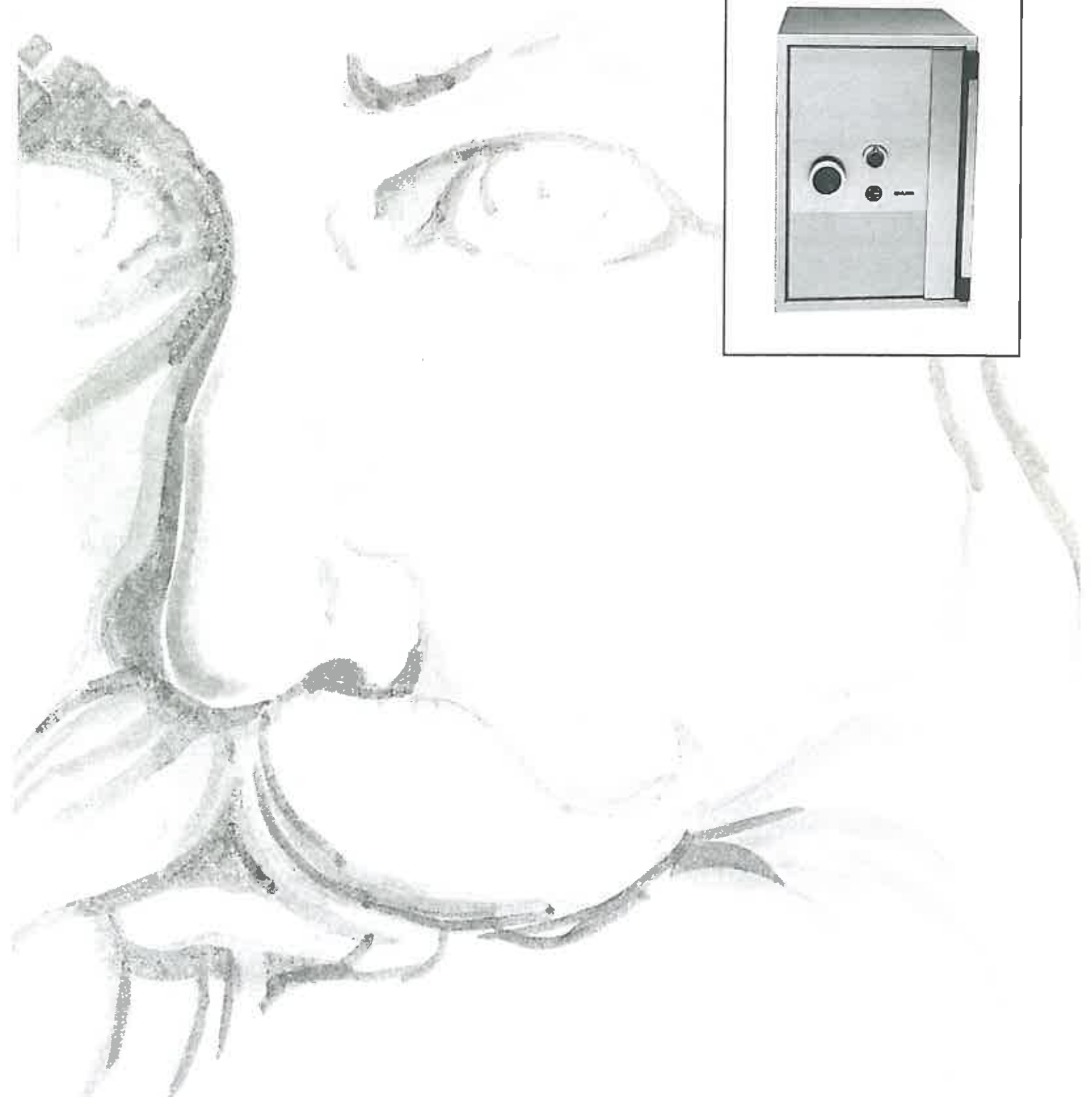


# ULYSSES SAFES BY CHUBB



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# ULYSSES

## SAFES

are the protection answer.

### SIX-SIDED BARRIER MATERIALS.

The Ulysses safe is surrounded on all six sides by special materials developed by Chubb research and proven to offer formidable resistance to tools, such as the acetylene torch and the high speed drill, most frequently used by criminals.

The body is  $5\frac{7}{8}$ " (147 mm) in thickness, formed by welded inner and outer heavy steel plates which contain a thick layer of the unique materials that create a monolithic barrier equal throughout in its resistance to attack.

The door,  $8\frac{1}{2}$ " (216 mm) in overall thickness, is similarly constructed ensuring that the locking control mechanisms are secured behind  $5\frac{3}{4}$ " (146 mm) of the Chubb attack barrier.

The door and frame are of step design, meeting in a manner that achieves minimum clearance and that provides full protection for the locking bars.



### LOCKING BARS.

The door is held secure in its frame by a locking principle originally developed by Chubb security engineers for bank vault doors to provide maximum resistance to explosives, resulting in a design that will withstand many tons of reverse pressure.

Heavy stainless steel finished moving bars extend behind the door frame at the top, bottom and opening side, with a similar fixed bar on the hinge side. All bars interlock with the frame around the entire door perimeter for the maximum height and width achievable.

### COMBINATION LOCK.

The four-number UL approved Group 1 combination lock offers 100,000,000 possible combinations and will resist expert manipulation attempts. This lock is the key-changing type to simplify the setting of new combinations. A shrouded dial prevents unauthorized reading of the numbers during opening. The lock spindle incorporates drill and punch resistant features.

Optional dual custody locking can be achieved by either a keylocking dial, a second combination lock, or a keylock as the second lock. The keylock is designed especially for safes and in effect is a combination lock operated by changeable keys. Where two combination locks are used they can be set for dual or single control as may be required.

Chubb engineers have long recognized that proper security requires the use of the indirect locking principle. Therefore excessive pressure applied to the door handle in a forced opening attempt will not be transferred to the locks or other prime locking mechanisms.

## RELOCKING DEVICES.

The Ulysses relocking devices, when activated by physical attack, secure the locking mechanism at two additional points on the inside of the door, completely independent of the combination locks.

Once activated they are locked in place at these two points to resist any further movement. Using a principle universally recognized by security engineers as the most effective for the purpose, these glass triggered devices offer extra protection against attack on the sensitive areas of the door.

## TIMELOCK.

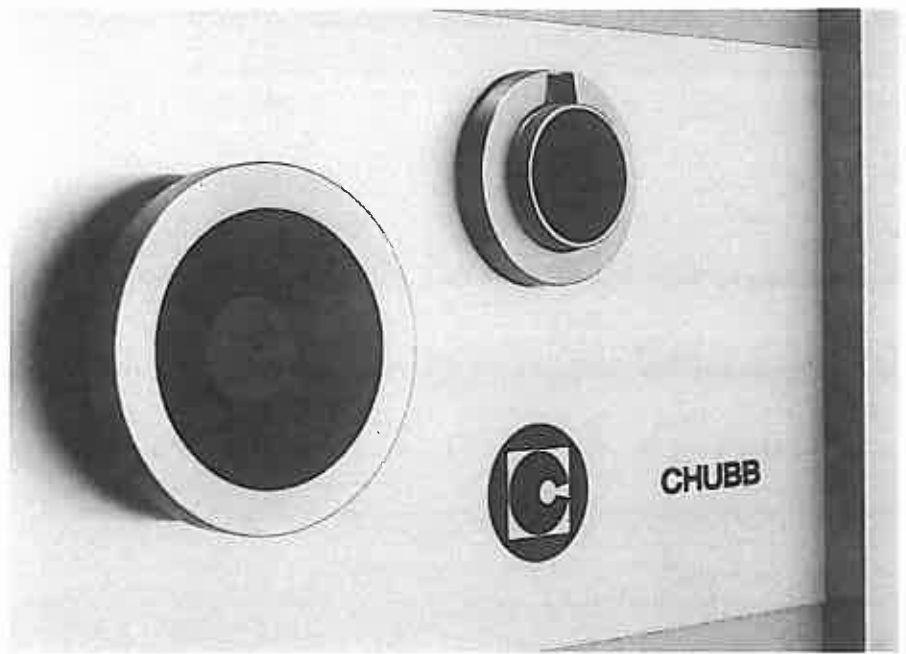
The safe is designed to accommodate an optional timelock. Both 2 and 3 movement timelocks are available. The use of such a lock ensures that the safe cannot be opened by the combination lock until the set time, variable up to 144 hours, has expired. A time-lock provides considerable extra protection against the threats of internal theft, armed robbery and hostage-taking situations.

## INTERLOCK FEATURE.

An attempt to close the safe door with the locking bars extended can result in damage to the paint finish and the locking mechanisms. A special interlock feature prohibits the extension of the locking bars when the door is in the open position.

## FIRE PROTECTION.

An insulating material is incorporated in the construction of Ulysses safes ensuring a substantial degree of fire protection for the contents. This fact was established by furnace fire testing following the American Standard Time/Temperature Curve. The inside temperature of the safe over the one-hour test period did not exceed 350°F (177°C). The safe was also subjected to a 30 ft. (9.14 m) drop and maintained its structural integrity.



## FINISH AND DESIGN.

The Ulysses safe is as impressive in appearance as it is in protective strength. The hardware is similar to that used on bank vault doors, producing an attractive design that generates a feeling of dependable security. The standard finish is a light pewter color with black and stainless steel accents. Other colors are available but will necessitate delayed delivery.

## VAULT SIZE MODEL.

The 7833 safe is sized to accommodate standard 32 $\frac{5}{8}$ " (829 mm) wide vault interior equipment such as deposit boxes and tellers' lockers. It can therefore substitute for a vault in a smaller or temporary location; and of course, as the need may arise, the boxes and lockers can be transferred for use inside a standard vault in the future.

## ALARM SYSTEM PREPARATION.

In order to eliminate the otherwise extremely difficult job of fitting an alarm to the Ulysses safe, each unit is prepared in a manner conforming to UL standards that facilitates such an installation. Details will be supplied to the alarm installer on request.

## SHELVES.

Substantial steel shelves, adjustable on  $\frac{1}{2}$ " (13 mm) centres, are standard fittings in each Ulysses safe. The number of shelves supplied is shown on the dimension chart, and additional shelves can be ordered.

## UNDERWRITERS LABORATORIES LISTINGS.

The Ulysses safe complies with insurance industry independent testing requirements for rating purposes.

Ulysses I Models bear the UL TRTL-30 label.



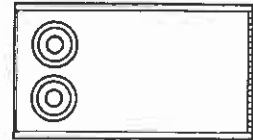
Ulysses II Models bear the UL TRTL-30X6 label.



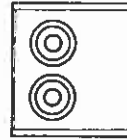
## OPTIONAL INTERIOR LOCKERS.

Four sizes of steel security lockers are available, right or left hand door openings. These are of modular design with anti-holdup bandit barrier features to resist forced opening. Access to the lockers can be controlled by any of three lock types - keylocks, 3-number combination locks, or key-operated delayed action locks. Dual custody locking (2 locks) can be provided, size of locker permitting. Inside sizes of the lockers are: Height 5" (127 mm) and 10" (254 mm) - width 8 $\frac{3}{4}$ " (222 mm) and 18 $\frac{3}{4}$ " (476 mm) - depth 16 $\frac{1}{2}$ " (419 mm). Outside heights are 6" (152 mm) and 11" (279 mm).

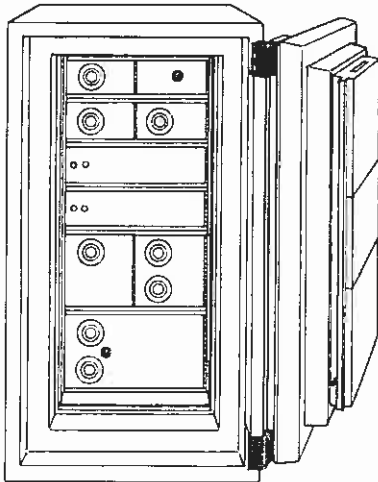
### Full width lockers



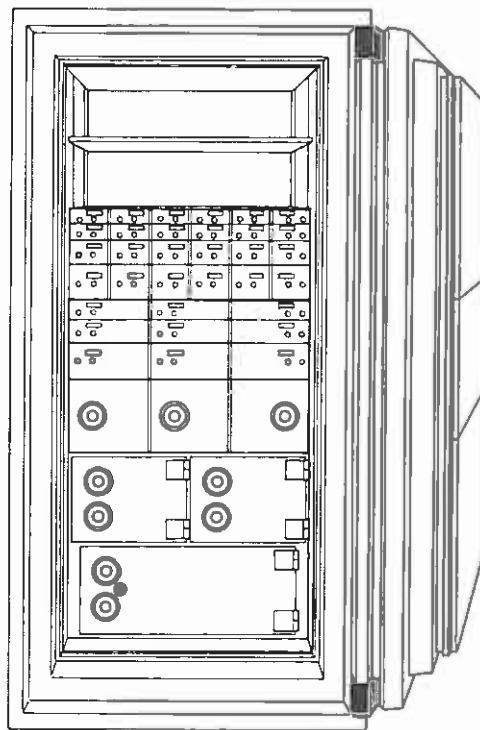
### Half width lockers



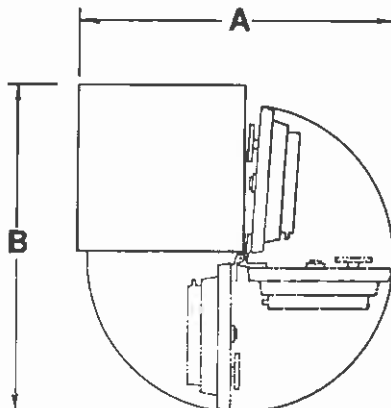
## TYPICAL INTERIOR ARRANGEMENTS



Safe Model 4620 with a selection of lockers



Model 7833 vault size safe with safe deposit boxes and tellers' lockers



Model	A	B
2220 TO 6420	60 $\frac{1}{2}$ " 1537 mm	67" 1702 mm
7833	87" 2210 mm	85 $\frac{1}{2}$ " 2178 mm





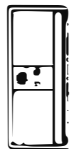

## DOOR SWING.

The Ulysses safe door swings entirely open to sit flush with the side of the safe, providing clear access to the interior and, once in the full open position, an unobstructed area at the side of the unit. The hinges are pre-lubricated for smooth performance during the lifetime of the safe, and their design facilitates removal of the door if this is required for size or weight reasons during delivery.



**Model 3420**

# ULYSSES Safes: Models and Dimensions

Model	No. of Shelves	Inside (Clear)			Outside			Weights	
		High	Wide	Deep	High	Wide	Deep*	Ulysses I	Ulysses II
 2220	1	22"	20"	20 <sup>3</sup> / <sub>8</sub> "	33 <sup>3</sup> / <sub>4</sub> "	31 <sup>3</sup> / <sub>4</sub> "	35 <sup>1</sup> / <sub>2</sub> "	2950 lbs	3290 lbs
		559 mm	508 mm	517 mm	857 mm	806 mm	902 mm	1338 kg	1492 kg
 3420	2	34"	20"	20 <sup>3</sup> / <sub>8</sub> "	45 <sup>3</sup> / <sub>4</sub> "	31 <sup>3</sup> / <sub>4</sub> "	35 <sup>1</sup> / <sub>2</sub> "	3800 lbs	4220 lbs
		864 mm	508 mm	517 mm	1160 mm	806 mm	902 mm	1724 kg	1914 kg
 4620	3	46"	20"	20 <sup>3</sup> / <sub>8</sub> "	57 <sup>3</sup> / <sub>4</sub> "	31 <sup>3</sup> / <sub>4</sub> "	35 <sup>1</sup> / <sub>2</sub> "	4640 lbs	5150 lbs
		1168 mm	508 mm	517 mm	1467 mm	806 mm	902 mm	2105 kg	2336 kg
 5520	3	55"	20"	20 <sup>3</sup> / <sub>8</sub> "	66 <sup>3</sup> / <sub>4</sub> "	31 <sup>3</sup> / <sub>4</sub> "	35 <sup>1</sup> / <sub>2</sub> "	5275 lbs	5850 lbs
		1397 mm	508 mm	517 mm	1695 mm	806 mm	902 mm	2393 kg	2654 kg
 6420	4	64"	20"	20 <sup>3</sup> / <sub>8</sub> "	75 <sup>3</sup> / <sub>4</sub> "	31 <sup>3</sup> / <sub>4</sub> "	35 <sup>1</sup> / <sub>2</sub> "	5910 lbs	6550 lbs
		1625 mm	508 mm	517 mm	1924 mm	806 mm	902 mm	2681 kg	2971 kg
 7833	4	78"	33 <sup>3</sup> / <sub>4</sub> "	25 <sup>7</sup> / <sub>8</sub> "	89 <sup>3</sup> / <sub>4</sub> "	45"	41"	9560 lbs	10600 lbs
		1980 mm	845 mm	657 mm	2280 mm	1140 mm	1040 mm	4336 kg	4808 kg

\*Hinge projection adds 2" (51 mm) to depths shown

