

## CHUBB DATA CABINET MICRO 50

The Chubb Data Cabinet is a proven solution that is available as an extension to any computer network system threatened with the possibility of physical data loss during a fire. The Data Cabinet described in this brochure is one of several types of media protection cabinets built to withstand even the most distressing of fires.

The Chubb Data Cabinet functions as a very secure storage facility against fire for data or media storage products; be it in the form of floppy diskettes, back-up drives, CD-Rom's, back-up cartridges, microfiche and etc. The Chubb Data Cabinet described in this brochure is a UL Listed\* product that has been tested in compliance to UL 72 Class 125 for fire protection.

Chubb Data Cabinets tested in compliance to UL 72 Class 125 represent one of the highest and most stringent test currently used to evaluate media protection equipment by one of the world's leading independent testing agencies. Cabinets that are subject to testing by UL undergo a series of tests designed to replicate the effects of a very serious fire. Certain sections of testing done may also replicate extraordinary fire situations to accommodate for occasional demands placed on such equipment.

Testing Data Protection Equipment in compliance to UL assures Clients of its reputed protective qualities. It is well proven that burglar resisting safes and steel filing cabinets are ineffective for protecting media storage equipment as floppy disk manufacturers recommend that disks should not be exposed to temperatures exceeding 52°C.

### TESTING IN COMPLIANCE TO UL 72 CLASS 125

#### FIRE ENDURANCE TEST

The objective of this Test is to ensure that the Cabinet has been designed to limit internal temperature to no more than 52°C with a humidity not exceeding 80% after one hour exposure to a severe fire. The most critical area of concern in this Test is often not during the fire itself but rather after the Test, during the "furnace soak-out" period.

The "furnace soak-out" is when the Cabinet is left to remain in a closed furnace after the flames have been put out to replicate an "after-fire" environment. This Test is conducted to ensure that internal temperatures do not exceed the maximum 52°C after the fire due to external heat slowly radiating into the Cabinet.

At no time during the Test does the UL Test Requirement allow the temperature inside the Cabinet to rise higher than the temperature suitable for diskettes in order to pass the Test successfully.

#### FIRE SHOCK TEST (EXPLOSION TEST)

This Test is designed to reveal if the Cabinet is able to withstand sudden exposure to high heat without exploding. The Test requires for a cold cabinet to be pushed into a furnace pre-heated to a temperature of 1090°C (2000°F) to simulate a Cabinet falling into a fire. The furnace exposure continues at this temperature for 30 minutes. If no explosion results, the cabinet is left to remain in a closed furnace until sufficiently cool to be opened.

#### IMPACT AND RE-HEAT TEST

This Test requires for a hot cabinet to be dropped from 30ft (9.1m) onto rubble to simulate the effect of a floor collapsing during a fire. The Cabinet is then inverted and returned into the furnace and heated for a further 30 minutes to show that it still provides protection.

After the Impact and Re-heat test, the Cabinet is examined for deformation, rupture of parts or insulation and other evidences of through openings into the interior. The door of the Data Cabinet is forced open only after it has sufficiently cooled from the exposure to fire.

#### CONCLUSION

In all the above Tests - the Fire Endurance, Fire Shock and Impact and Re-heat Test, the Chubb Data Cabinet has complied to the requirements of UL 72 Class 125 for Fire Protection. In addition to the various Tests outlined above, UL also reserves the right to inspect the manufacturing facility, components and suppliers that make up the manufacturing process of the Chubb Data Cabinet.

Copies of the UL Test Procedure may be submitted upon request to substantiate the above claims.

\* To find out more about what UL is all about, please refer to alternative brochure "A Brief Introduction to UL (Underwriters' Laboratory of America)" or to the UL website at <http://www.ul.com>.



The Cabinet comes equipped with a single pull-out tray. Additional trays available as optional accessories. A maximum of 4 trays may be fitted within the Micro 50. Storage capacities listed below.

Cabinet Description	Micro 50	
Reference and Dimensions	mm	
External Dimensions		
A External Height	659	
B External Width	590	
C External Depth	842	
D Internal Height	399	
E Internal Width	380	
F Internal Depth	439	
G Capacity	80 litres	
H Nett Weight	180 kg	
I Total depth with door at 90°	1148mm	
J Total width with door fully open	1185mm	
Media Storage Capacities		
Capacities are given as a guide only		
	No. of Trays	Total Capacity
3.5" Diskettes	3	750*
5.25" Diskettes	2	500*
Microfiche	2	3400
Data Cartridge	4	440
CD Rom	2	180

\*Inclusive of additional units placed at excess space at cabinet base.

#### Locking System

SimAction o/w Lock

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Sime Darby Group

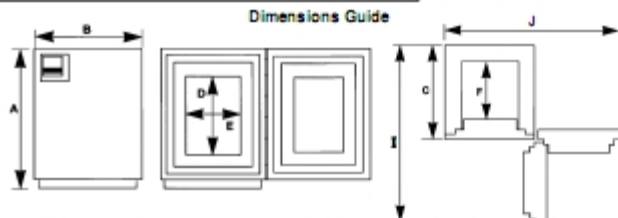
#### Distributor/Dealer Details



"This product is classified to UL Standards and requirements by Underwriters Laboratories Inc."  
UL 72 Class 125



SIRIM  
MS ISO 9002  
Registration No : AR 0238



Note: Chubb policy is one of constant improvement. We reserve the right to alter any specification contained in this publication without prior notification. Variance  $\pm$  5mm.

This product is designed for recommended storage of computer media. For protection against physical attack, ask for details of Chubb safes.



**Chubb**safes



## **CHUBB DATA CABINET MICRO 50**

*Make this a part of your information technology solution.*



**Chubb**safes



6000 Series  
(1 Hour Fire Resistance)

9000 Series  
(2 Hour Fire Resistance)

**CHUBB RECORD PROTECTION FILING CABINETS 6000 & 9000 SERIES**

*Reliable. Affordable. Fire protection at its best.*

# CHUBB RECORD PROTECTION FILING CABINETS 6000 & 9000 SERIES

Chubb has been at the forefront of fire resistant equipment development and manufacture for more than 180 years. The latest designs in such an equipment category is reflected in its latest 1 hour (6000 Series) and 2 hour (9000 Series) fire resistant Record Protection Filing Cabinets. These cabinets will offer substantial protection to paper-based documents in severe fires while maintaining Chubb's position as one of the most reliable fire protection equipment manufacturers in the world.

The Chubb RPF Cabinet described in this brochure is a UL Classified product that has been tested in compliance to UL 72 Class 350 for fire protection.

Chubb RPF Cabinets tested in compliance to UL 72 Class 350 represent one of the highest and most stringent test currently used to evaluate record (document) papers protection equipment by one of the world's leading independent testing agencies. Cabinets that are subject to testing by UL undergo a series of tests designed to replicate the effects of a very serious fire. Certain sections of testing done may also replicate extraordinary fire situations to accommodate for occasional demands placed on such equipment.

Testing Record Protection Equipment in compliance to UL assures Clients of its reputed protective qualities. It is well proven that burglar resistant safes and steel filing cabinets are ineffective for protecting documents as it is recommended that paper records should not be exposed to temperature exceeding 177 °C.

## SPECIFICATIONS

### General Construction

Each drawer front has an overall thickness of 58mm insulated with Chubb's patented PCDE fire resistant material. Proving materials used are also asbestos-free, providing a reliable formulation that is stable, well tested and will not deteriorate with age. Reinforcement in critical areas allow the file to survive an impact from a fall.

### Locking

2 options are available using a built UL Listed 3-wheel keyless combination lock and keylocks. Option 1 (Central Locking)

- One 3-wheel keyless combination lock and one keylock on the top drawer giving control to all drawers.

### Option 2 (Individual Locking)

- One 3-wheel keyless combination lock and one keylock on the top drawer giving control to all drawers. In addition, one keylock on each drawer.

### Types of Keylock

Chubb 6000 Series (1 - hour fire resistance) - Pin tumbler keylocks

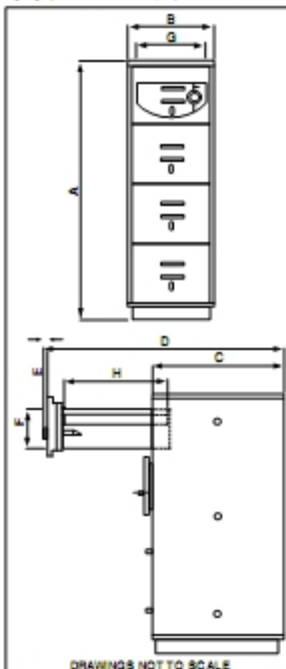
Chubb 9000 Series (2 - hour fire resistance) - 10 disc Chubb AVR Lock on top drawer, pin tumbler keylocks on other drawers. (It is an individual locking option)

### Drawers

Each drawer is fitted with heavy duty rails and bearings for smooth and fast operation. No lubrication is required. Each bottom drawer is also fitted with a spring day catch bolt for optional individual control. Each drawer is designed to fit most paper, hole and will accommodate most types of box files.

### Finish

Light grey scratch-resistant epoxy based finish.



All drawings and pictures featured in this brochure are cabinets secured with individual locking.

Cabinet Description Reference and Dimensions External Dimensions	Model 6206/9206		Model 6306/9306		Model 6406/9406	
	mm	ins	mm	ins	mm	ins
A Height	884	34	1231	48 1/2	1598	62 7/8
B Width	551	21 7/8	551	21 7/8	551	21 7/8
C Depth	824	32 1/2	824	32 1/2	824	32 1/2
D Clear external depth over furniture (Extended Drawer)	1480	58 1/2	1480	58 1/2	1480	58 1/2
E Furniture Projection	40	1 5/8	40	1 5/8	40	1 5/8
Internal Dimensions						
F Height	292	11 1/2	292	11 1/2	292	11 1/2
G Width	387	15 1/8	387	15 1/8	387	15 1/8
H Depth	645	25 3/8	645	25 3/8	645	25 3/8
Shipping Particulars						
Case height	1055	41 1/2	1422	55 7/8	1789	70 7/8
Case width	697	27 3/8	697	27 3/8	697	27 3/8
Case depth	1016	40	1016	40	1016	40
Case m <sup>3</sup>		0.747 m <sup>3</sup>		1.007 m <sup>3</sup>		1.287 m <sup>3</sup>
Weight (kg)						
Weight net		220		320		400
Weight gross		288		392		478

Note: These products are designed primarily to provide protection against fire and impact for paper documents. For recommended storage of computer-based media, ask for details of Chubb Data Cabinets. For protection against physical attack ask for details of Chubb Safes.

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Chubb safes

RECORD PROTECTION  
FILING CABINETS 6000 & 9000



Chubb safes

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A member of the



Sime Darby Group

## TESTING IN COMPLIANCE TO UL 72 CLASS 350

### FIRE ENDURANCE TEST

The objective of this Test is to ensure that the Cabinet has been designed to limit the internal temperature to no more than 177°C after one hour exposure (two hour for 9000 Series) to a severe fire. The most critical area of concern in this Test is often not during the fire itself but rather after the Test, during the furnace soak-out period.

The furnace soak-out is when the Cabinet is left to remain in a closed furnace after the flames have been put out to replicate an after-fire environment.

This Test is conducted to ensure that internal temperatures do not exceed the maximum 177 °C during the fire due to external heat slowly radiating into the Cabinet.

At no time during the Test does the UL Test Requirement allow the temperature inside the Cabinet to rise higher than the temperature suitable for papers in order to pass the Test successfully.

### FIRE SHOCK TEST (EXPLOSION TEST)

This Test is designed to reveal if the Cabinet is able to withstand sudden exposure to high heat without exploding. The Test requires for a cold cabinet to be pushed into a furnace pre-heated to a temperature of 1090°C (2000°F) to simulate a Cabinet falling into a fire. The furnace exposure continues at this temperature for 30 minutes. If no explosion results, the cabinet is left to remain in a closed furnace until sufficiently cool to be opened.

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After the Impact and Re-heat test the Cabinet is examined for deformation, rupture of parts or insulation and other evidences of through openings into the interior. The door or the RPF Cabinet is forced open only after it has sufficiently cooled from the exposure to fire.

### CONCLUSION

In all the above Tests - The Fire Endurance, Fire Shock and Impact and Re-heat Tests, the Chubb RPF Cabinet has complied to the requirements of UL 72 Class 350 for Fire Protection. In addition to the various Tests outlined above, UL also reserves the right to inspect the manufacturing facility, components and suppliers that make up the manufacturing process of the Chubb RPF Cabinets.

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Distributor/Dealer Details



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UL 72 Class 350



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