

**FIRE TESTING COMPLIANCE TO
JIS S 1037 : 1989 : FIRE RESISTIVE CONTAINERS**

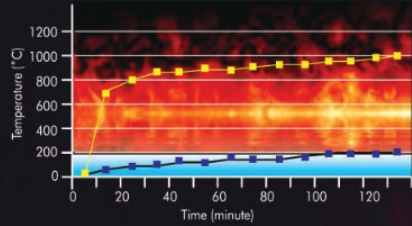
1. Fire resistance test comprises fire-resistive container for general paper indicates that every internal part temperature is not higher than 180°C during heating test. The change in colour, deterioration and etc of newspaper are not remarkable and it is able to read.
2. A test in accordance with clause 8.5 of the JIS standard has been performed on the specimen having overall sizes was 1550 mm high by 525 mm wide and 755 mm deep.
3. The specimen was judged on the performance for the fire endurance test as specified in Table 3 (Performance (Part 1) of test item 8.3) and Table 4 (Performance (Part 2) of test item 8.5.5 - Fire resistive container for general paper) of the JIS Standard.
4. Two thermocouple wires each of 'Type K', is placed inside each drawer (TC1 TO TC8) of the fire resist cabinet, the temperature was taken for the insulation criteria.
5. The ambient temperature at the beginning of the test was 32°C and on the completion of the test was 35°C.
6. The mean temperature within the furnace as determined by the thermocouples was controlled to conform to standard temperature curve requirements given in paragraphs 8.5.2 of the JIS standard.
7. After the test, the test specimen was immediately taken out from the furnace and discharge to cool with water.



FIRE RESISTANT CABINET



Real Time Fire Accident



FIRE RESISTANCE AGAINST FIRE

Falcon FRC fire resistance cabinets satisfied the criteria in accordance to Japanese Industrial Standards JIS-1037:1981 for a one hour duration at 1000 degrees Celsius. Please be advised that temperature of 1000 degrees Celsius can only be obtained in a furnace or in the oil rigs fire only. Therefore under any normal high-rise building & shop house building fire, the fire resistant cabinet can easily resist more than 3 hours.



FEATURES



HEAVY DUTY METAL RAILING

The drawer is loadable with 80kgs uniform distributed load. Super heavy duty castor & ball bearing mechanism reduced the noise & increase smoothness.



USER FRIENDLY HANDLE

After years of R&D, Falcon engineers specially designed exposed handles with only 3mm diameter rod connected to locking system to minimize weak point and user friendly press buttons.



TONGUE & GROOVE

This advanced type of construction between body and drawer front prevents the passage of flames. Double tongue and groove designed to ensure double heat seal and vapour barrier.



INDIVIDUAL COMPARTMENT

Each drawer compartment is separated to provided individual insulation against fire which reduces the risk of other drawer caught in fire.



PLINTH AND DROP ABSORPTION

Plinth is designed to resist impact and drop test of 20ft height during the collapsed of building, in order to protect the safe body. Available in two options
1) Castor type with bracket
2) Hidden castor with hollow section



MULTIPURPOSE LOCKING

State of art of the central locking and individual locking mechanism which enable single user or multiple users of the fire cabinet. This can be done by activate or deactivate the latch system beside each drawer.



EXTENDED FIRE PROTECTION LIFE SPAN

Fire Swell Substance used as passive fire protection which extended the protection in any events of fire attack.



PULL-OUT DEPTH

Drawer can be pulled out 90% from safe body to ease the stuffing & unstuffing of documents.

DIGITAL LOCKING

Upgradable to any UL-listed digital lock.



KABA LAGARD



FINISHING

Anti scratching Durotect PUR Plus texture paint which is high solididity & environmental freindly paint. This paint is also compliance to ROHS which harmonize with office decoration & other furniture.



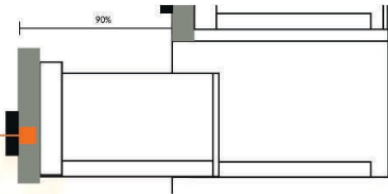
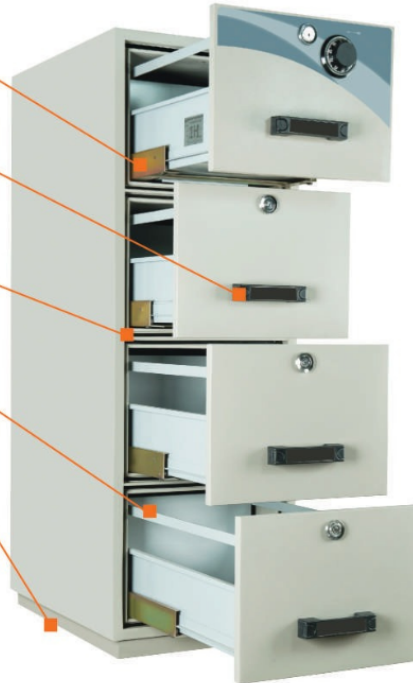
Beige



Light Grey



Dark Grey



FIRE RESISTANT CABINET



DRAWER	FRC2	FRC3	FRC4
INTERNAL	EXTERNAL (Height x Width x Depth)		
302 x 383 x 643 (12" x 15" x 25")	825 x 525 x 755 (33" x 21" x 30")	1,190 x 525 x 755 (47" x 21" x 30")	1,550 x 525 x 755 (61" x 21" x 30")
WEIGHT (kg/lbs)			
	195 kg (429 lbs)	290 kg (638 lbs)	390 kg (858 lbs)
LOCKING			
	(A) 2KCL / 1CL (B) 1KCL / 1CL	(A) 3KCL / 1CL (B) 1KCL / 1CL	(A) 4KCL / 1CL (B) 1KCL / 1CL

(A) Individual locking system
(B) Central locking system

