

FIRE RESISTANT CABINET

1-HOUR FIRE RATED

MODEL : FRC4/FRC3/FRC2 SERIES



Falcon

Your Lifetime safeguards!

1. 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.

2. HEAVY DUTY METAL RAILING

The drawer is loadable with 60kgs uniform distributed load.

3. MULTIPURPOSE LOCKING

State of art design central locking. Drawers can be open individually without pulling out top drawer. Secured by one key lock gang locking or one key lock gang locking and one changeable combination lock fitted on top drawer

4. 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.

5. 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.

6. INDIVIDUAL COMPARTMENT

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



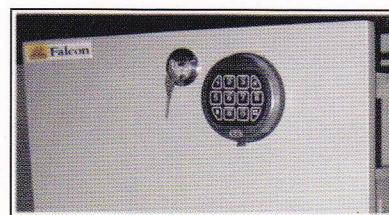
7. PLINTH AND DROP ABSORPTION

Plinth is designed to resist impact and drop test of 20' ft height during the collapsed of building, in order to protect the safe body.

8. FINISHING

Special designed fire and anti-scratching paint to harmonize with the office decoration and other furniture.

9. DIGITAL LOCKING (OPTIONAL)



LAGARD BASIC DIGITAL LOCK

KABA[®]

LA GARD



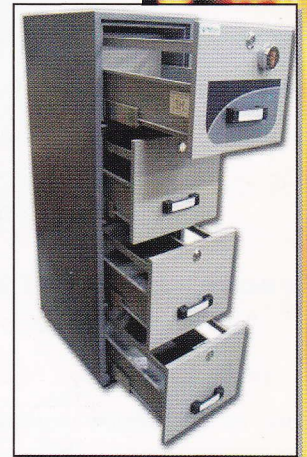
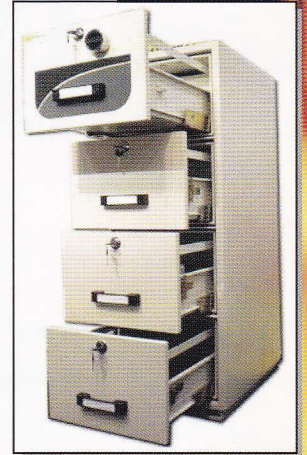
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FIRE RESISTANT CABINET

MODEL	FRC 2 (2 DRAWERS)	FRC 3 (3 DRAWERS)	FRC 4 (4 DRAWERS)	DRAWER
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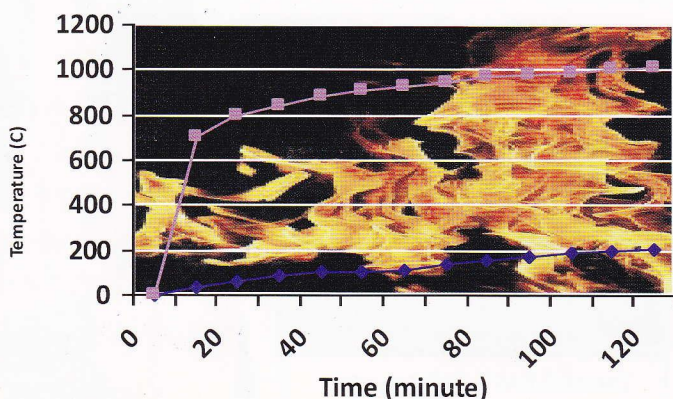
HEIGHT (MM/INCHES)	825 / 33"	1,188 / 47"	1,550 / 62"	302 / 12"
WIDTH (MM/INCHES)	525 / 21"	525 / 21"	525 / 21"	383 / 15"
DEPTH (MM/INCHES)	755 / 30"	755 / 30"	755 / 30"	643 / 25"
WEIGHT (KGS/LBS)	158 / 348	235 / 517	310 / 682	
LOCKING	(A)2KCL / 1CL (B)1KCL / 1CL	(A)3KCL / 1CL (B)1KCL / 1CL	(A)4KCL / 1CL (B)1KCL / 1CL	



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 resistant 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 8.5.3 of the JIS standard
- 7) After the test, the test specimen was immediately taken out from the furnace and discharge to cool with water

Temperature Curve



TESTING REPORT Page 1 of 3

Client: FIRE PROTECTION RESEARCH INSTITUTE MALAYSIA

Issued by: FIRE PROTECTION RESEARCH INSTITUTE MALAYSIA

Reference: JIS S 1037 : 1989 : FIRE RESISTIVE CONTAINERS

Method: JIS S 1037 : 1989 : FIRE RESISTIVE CONTAINERS

Application: FALCON SAFE MARKETING SDN. BHD.
11, Jalan 10/1, Taman
10100 Kajang,
Selangor Darul Ehsan.

Specification of test item: The test specimen consisted of fire resistant filing cabinet with a total mass of FRC #1. The filing cabinet is used for storage of general papers.
Full description of the test specimen is detailed in the report.

Product: Fire Resistant Filing Cabinet

Job No: 1417196

Date of Test: 15/12/04

Issue Date: 11 JAN 2005

FIRE PROTECTION RESEARCH INSTITUTE MALAYSIA
111, Jalan 10/1, Taman Kajang, Selangor Darul Ehsan, Malaysia

AUTHORISED DEALER