

CRP 42

Fire Protection Solution



Certified Fire-Resistance
• EN 1047-1 (ECB•S)
S 60 P & S 120 P



CRP 42

Fire Protection Solution

Certain documentation cannot afford to be lost by a business. Legal documents and financial records, for example, which are invaluable to a company should never be left unprotected since there is always a risk that a fire could break out. That is why Fichet-Bauche has used its many years of expertise to develop a range of fire-resistant filing cabinets – CRP 42.

Did you know?

Paper combusts at 170 °C, with or without direct contact with flames.

The temperature of a fire can easily reach 1200 °C.

Product Overview

CRP 42 filing cabinets, available with two, three or four drawers, are constructed to store almost every model of file on the market. The cabinets have been designed for stability, even when all the drawers are completely full. CRP 42 offers excellent fire protection for your documents and since the drawers are built as independent units, one open drawer will not expose the remaining drawers to fire.



The CRP 42 4-drawer insulated safe is specifically designed to store and protect your important paper documents from fire.

Fire Protection

CRP 42 meets the requirements of the internationally recognised EN 1047-1 standard and is certified by ECB•S (European Certification Board•Security Systems) in the fire resistance classes S 60 P and S 120 P, indicating one hour and two hours of document fire protection respectively. This guarantees that your documents benefit from the highest level of protection currently available.

Locks

As standard, the upper drawer of the CRP 42 is fitted with a central key lock. Additional locks can also be fitted to each individual drawer.

LOCK COMBINATIONS

- 1 main key lock
- 1 main key lock + 1 key lock per drawer
- 1 main key lock + 1 combination lock
- 1 main key lock + 1 combination lock + 1 key lock per drawer



Key Lock



Combination Lock





Fire Testing Procedure

In order to obtain certification, CRP 42 has passed fire endurance, thermal shock and impact tests. CRP 42 has proved its exceptional fire resistance in accordance with the EN 1047-1 standard. Exposed to flames hotter than 1000°C during the testing procedure, CRP 42 successfully protected paper documents which, without protection, cannot survive temperatures more than 170°C.

Fire Endurance Test

CRP 42 is placed in an oven and heated for one hour (corresponding to S 60 P) or two hours (for S 120 P) in accordance with the international time temperature curve. After having been heated, the cooling period begins. From the moment the burners have stopped and the temperature in the cabinet starts to fall, the cooling period is a minimum of 12 hours for S 120 P and one hour for S 60 P.

Thermal Shock and Impact Test

First the oven is heated to 1090°C and a new cabinet is placed inside for exposure to the extreme heat. The oven is heated to 1090°C for 45 minutes for the S 120 P test and 22.5 minutes for

the S 60 P test. After being removed from the oven, the cabinet is raised 9.15 metres from the ground and dropped onto a bed of pebbles. Then, after a 20-minute period of natural cooling, the cabinet is placed back inside the furnace for an additional period of heat exposure, this time at a temperature of 840°C. The final cooling period is the same as that for the fire endurance test.

Test Verification

Once tested, products are analysed by the test laboratory in order to verify that they correspond to the technical drawings delivered prior to the test.

Fichet-Bauche Garantie

Fichet-Bauche products are designed and manufactured in accordance with the ISO 9001 standard for Quality Management Systems and ISO 14000 for Environmental Management Systems. All CRP 42 filing cabinet components are tested by the Fichet-Bauche laboratory in compliance with the current European standards.

Fire endurance test



Removal of cabinet from oven

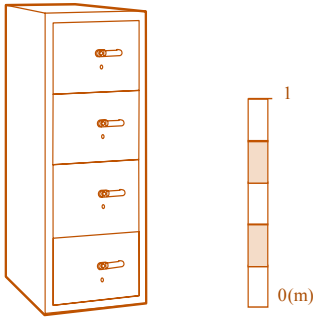


Impact test



CRP 42

Technical Specifications



Dimensions (mm)	CRP 42
External height	1504
External width	551
External depth	82
External depth (drawer open)	1430
External height of drawer	342
External width of drawer	494
External depth of drawer	618
Internal height of drawer	240
Internal width of drawer	385
Internal depth of drawer	610
Interior capacity (litres)	252
Interior capacity of drawer (litres)	63
Weight (kg)	385

Capacity (linear metres)	CRP 42
Interior capacity	252
Interior capacity of drawer	63