

LATERAL FIRE RESISTANT CABINET

MOEM series of fire resistant cabinet offers protection for valuables against fire. MOEM series of fire resistant cabinet are the result of extensive research & development, designed to fulfill international standards. MOEM series of fire resistant cabinet is tested and certified by SP Technical Research Institute of Sweden based on fire resistance classification NT Fire 017 that is recognized internationally. MOEM lateral fire resistant cabinet offers an additional option to your filing method for easy retrieval. Lateral fire resistant cabinet is ideal for areas with limited aisle space. Cabinet utilizes horizontal space with less depth hence maximizing aisle space when drawer is fully extended.



Certificate No : 466303



Features:-

Protective thickness of door & body

Overall thickness of door and body measures 50mm thickness comprising of MOEM special fire resistant barrier material encased between electro-galvanized steel (EG) door and body.

Individual compartment

Inner compartment is designed individually. The independent concept allows individual protection against fire should any drawers be left open in case of fire.

Double tongue & groove construction

The advanced S-design construction between body and drawer front prevents the passage of flame. Intumescent strips are used for added protection against the passage of flame.

Locking system

The lateral fire resistant cabinet is fitted with a single key lock and a central locking push lock. Alternatively, lateral cabinet can be fitted with individual key lock and a central locking push lock. (Refer accessories for more locking options)

Anti-tilt system

The lateral fire resistant cabinet is designed with an anti-tilt system. Anti-tilt system allows only a single drawer to open at a single time to prevent cabinet from tipping over.

Plinth & Handle

A special shock absorbing plinth is designed to break the fall. External user-friendly press button handle is designed to allow maximum insulation without compromising protective thickness of door. Aesthetic look, ease of operation, user friendliness and injury free usage has been taken into consideration.

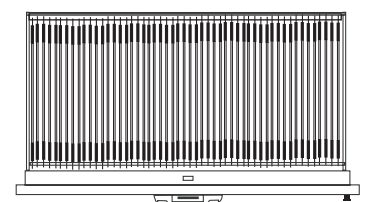
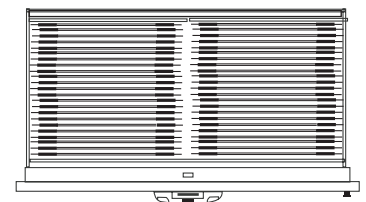
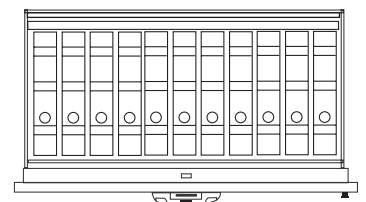
Railings

Fully extended metal ball bearing railings are used with added support in the center of drawer to allow smooth running when opening.

Finishes

Epoxy Powder coated

Filing Method



Test Summary:-

Fire endurance test was conducted in Europe in accordance to test specification NT-Fire 017 (edition 2) by SP Technical Research Institute of Sweden. The furnace was heated up according to standard time-temperature curve in accordance to SIS 02 48 20. Furnace highest recorded temperature achieved 991.35 °C (temperature rise). The maximum temperature rise after 60 minutes was 114°C. Test result under classification NT-Fire 017-60 Paper was satisfactory.

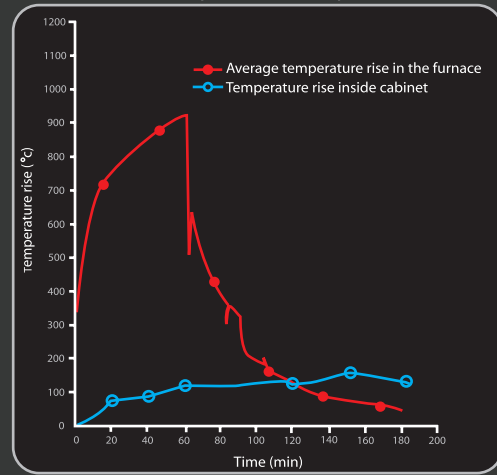
*Note: MOEM manufacturing process is certified by SP Technical Research Institute of Sweden

*Test report available upon request.



SP Technical Research Institute of Sweden

Average Temperature Curve 3 Hours (Fire & Soak out)



3 Hours Fire & Soak Out Test

Accessories

- Combination lock
- Digital lock
- Individual key lock
- Dual push lock

Model	External Dimension	Weight
LFRC 2 (2 drawers)	826mmH x 996mmW x 600mmD	233Kgs
LFRC 3 (3 drawers)	1188mmH x 996mmW x 600mmD	393Kgs
LFRC 4 (4 drawers)	1550mmH x 996mmW x 600mmD	477Kgs
Internal Dimension		
Drawer	275mmH x 852mmW x 388mmD	

*Note: Permissible deviation is $\pm 10\%$ for weight

*Standard color light grey (Epoxy powder coated)



Certificate No : 403522



Certificate No: 466300 / 466303



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