

EXACTA EFO SERIES

CERTIFIED SAFETY CABINETS FOR INFLAMMABLES



SAFETY CABINETS
FOR THE STORAGE OF INFLAMMABLES
CERTIFIED FIRE-RESISTANT FOR 90 MINUTES
IN ACCORDANCE WITH CLASS FWF AND TRbF22
CERTIFIED BY BVQI TO DIN 12925-1 (04/98)



INFLAMMABLES

EXACTA EFO SERIES



Model EFO12 - Code K89000

External dimensions in mm: 1190 W x 600 D x 1950 H

Volume: approx. 800 litres - **Weight:** 380 Kg

3 adjustable tray shelves

995 W x 390 D x 25 H mm removable,
certified max. loading 100 Kg. Approx. 9 litres capacity

1 base spillage trough stainless steel (25 litres),
1020 W x 400 D x 60 H mm

Model EFO6 - Code K89001

External dimensions in mm: 590 W x 600 D x 1950 H

Volume: approx. 360 litres - **Weight:** 250 Kg

3 adjustable tray shelves

390 W x 390 D x 25 H mm removable,
certified max. loading 100 Kg. Approx. 4 litres capacity

1 base spillage trough stainless steel (10 litres),
420 W x 400 D x 60 H mm

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EXACTA offers three alternative ranges of safety cabinets for storage of inflammables, the EFO and the DF-series for inflammable liquids; the EBO-series for gas cylinders.

The EFO-series feature the best construction materials, manufacturing technology and highest quality finish available today. **They are certified fire-resistant for 90 minutes, according to class FWF and TRbF22; certified by BVQI (Bureau Veritas Quality International) to DIN 12925-1 (04/98).**

Four models are available with a choice of two heights, depending on the storage capacity required and the room space available to accommodate the cabinet: respectively either 1950 mm or 700 mm (620+80*) high. The lower height models, whilst having a smaller capacity, fit conveniently under fume cabinets or worktops. Their basic construction is identical, comprising an electro-welded, monolithic, self-standing frame that guarantees rigidity, essential for supporting the weight of the finished product.

Although not having the certification or the safety level of the EFO-series, the DF-series feature good quality products at a very favourable price.



Model EFO12B - Code K89002

External dimensions in mm: 1100 W x 500 D x 620+80* H

Volume: approx. 180 litres - **Weight:** 150 Kg

1 adjustable tray shelf 895 W x 300 D x 25 H removable, certified max. loading 100 Kg. Approx. 7 litres capacity

1 base spillage trough stainless steel (16 litres), 920 W x 300 D x 60 H mm

Model EFO6B - Code K89003

External dimensions in mm: 590 W x 500 D x 620+80* H

Volume: approx. 95 litres - **Weight:** 100 Kg

1 adjustable tray shelf 390 W x 300 D x 25 H mm removable, certified max. loading 100 Kg. Approx. 3 litres capacity

1 base spillage trough stainless steel (7,5 litres), 420 W x 300 D x 60 H mm

*Where space is restricted the cabinet height can be reduced to 620 mm by removal of the base plinth.

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EXACTA EFO SERIES

TECHNICAL FEATURES

Electro-welded, monolithic support frame in electrostatically galvanized sheet steel.

Exterior finished in epoxy resin, thermo-set at more than 200 °C and with average thickness not less than 90 microns.

Removable internal panels allow potential replacement if damaged or, should the cabinet require moving, enable its weight to be reduced by the temporary removal of the insulation.

AISI 304 stainless steel, tray-type shelves for containing small leaks or spillages. Certified maximum loading: 100 kg. Painted steel shelf support brackets, fully height-adjustable.

No central support enables easy shelf removal.

AISI 304 stainless steel base spillage troughs.

Internal vent connection to the base spillage trough for dense fume removal.

Automatically closing doors incorporating oil-damped, hydraulic pistons complete with locks.

Signs in accordance with DIN V 4844-1 norms.

Instruction manual according to DIN V 8418.

SAFETY FEATURES

"Sandwich"-construction thermal insulation and FWF 90 minutes fire resistant according to DIN 12925 and DIN 4102-1-2-4 regulations.

Fire resistance certified by an independent testing organisation after conducting a FIRE TEST performed according to the most recent regulation updated on April 1998.

Self-sealing inlet and outlet ventilation ports with automatic, certified closure systems which engage when the ambient temperature exceeds 70 °C according to DIN 4102-6. The closure systems are maintenance-free for a long working life.

Doors closing automatically exert a pressure of no more than 100 N to prevent injury as specified in regulation (ZH 1/494:1989-04).

30 mm wide, mineral fibre reinforced, graphite based, intumescent seals which automatically expand when the ambient temperature exceeds a safe level (to DIN 4102). Separate seals on both the door edges and door frame ensure excellent fireproofing.

Non-sparking door hinges run along total length of the door.

Earthing plate prevents possible static discharges.

STANDARD ACCESSORIES

Filter housing for accessory activated carbon filters. With sliding drawer frame.

Vent outlet for connection to an existing extraction system
100 mm diameter for EFO12 and EFO6; 50 mm diameter for EFO12B and EFO6B.

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EXACTA EFO SERIES

OPTIONAL ACCESSORIES



Pedal closing device - Code K89004

This patented accessory allows hands-free closure of the cabinet in case you have both hands full. Easily fitted using pre-drilled mounts within the cabinet. With independent closing system which automatically engages when the ambient temperature exceeds 50 °C.



Electro exhaust fan, C€ Marked - Code K89005

Housed in a glass-fibre reinforced, polyamide resin which is self-extinguishing, anti-static and corrosion-resistant. The motor has overheat protection and is IP 44-rated according to DIN 40050. Extraction flow: 260 m³/h. Supply requirements: 220-230V 50Hz single phase. Alternative voltages are available on request. NOTE: For installation onto the EFO-series, an adapter (Code K89008) is required.



Activated carbon filter for organic solvents - Code K89006

For mounting onto exhaust fan K89005. Neutralizes any organic solvent fumes that would otherwise contaminate the ambient air. Simple, slide-in drawer replacement.

Activated carbon filter for acids and organic solvents - Code K89007

For mounting onto exhaust fan K89005. Neutralizes any acid or organic solvent fumes that would otherwise contaminate the ambient air. Simple, slide-in drawer replacement.

Additional tray shelves are supplied complete with brackets.

For EFO12 - Code K89009

For EFO6 - Code K89011

For EFO12B - Code K89010

For EFO6B - Code K89012

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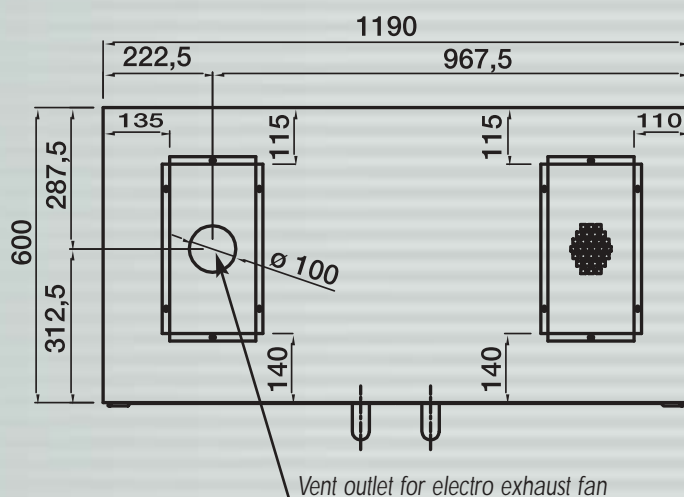
INFLAMMABLES

EXACTA EFO SERIES

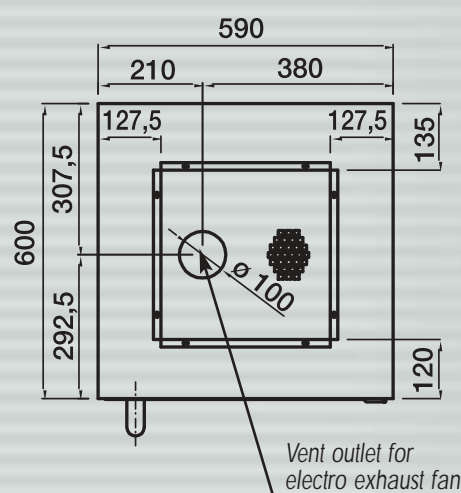
MEASUREMENTS FOR INSTALLATION OF THE ELECTRO EXHAUST FAN

Measurements in mm

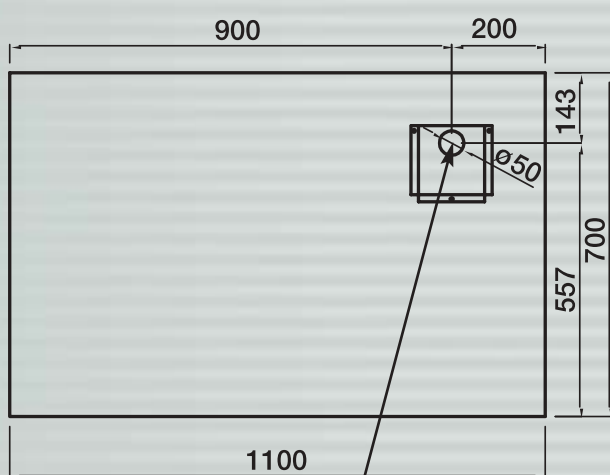
Top view of model EFO 12



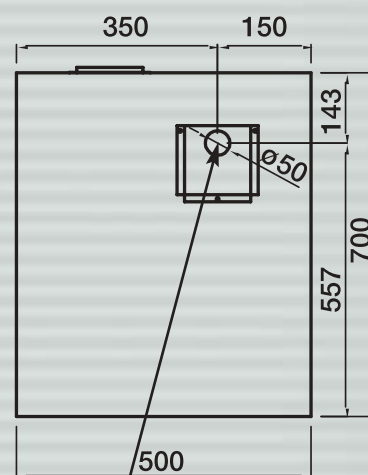
Top view of model EFO6



Rear view of model EFO12B



Rear view of model EFO6B



Vent outlet for existing extraction system

Vent outlet for existing extraction system



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SPAIN
THE NETHERLANDS
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