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Technical changes and imperfections  
reserved.

## PRODUCT DATA SHEET Hiltra®: Labsaver F90 LS1220-EN - Li-ion - grey - STORAGE BASE PLUS



Size Labsaver F90 LS1220-EN - Li-ion - grey - STORAGE BASE PLUS

Article number	120600-994
Cabinet certification	F90 according to EN 14470-1
Certification Emergency pressure relief	EI-90 in accordance with 1634-1
Dimensions external WxDxH	approx. 1200 x 600 x 2035 mm
Dimensions internal BxDxH	approx. 1095 x 450 x 1724 mm
Self-closing door	Double door lockable with cylinder lock
Standard equipped with:	Fire resistant emergency hatch incl. filter, 1x approx. 200 x 200 mm
	Emergency hatch including cover and flange connection Ø 125 mm
	Thermal door interlock
	4x PE-coated grid shelves
Grid Shelf BxDxH	approx. 1070 x 425 x 25 mm
Load capacity shelves	up to 110 kg when evenly distributed
Own weight	approx. 250 kg
Packaging and transport	on pallet, upright H=2200 mm

## Specifications Labsaver F90 LS1220-EN - Li-ion - grey - STORAGE BASE PLUS

Version 3.0 - 01-2020

[HILTRA® F90 LABSAVER® Li-ion Series \(STORAGE\):](#)

These

fire safety cabinets comply with the European standard EN 14470-1/2004, fire resistance 90 minutes. Applicable within PGS 15/Version 1.1 (Sept 2016) Regulation 3.3. The facility is specifically adapted for the storage of lithium-ion batteries. The Labsaver® cabinet is only suitable for indoor use.

#### **BASIC CAST:**

#### **Certification/Fire resistance of cabinet:**

- Fire resistance 90 minutes determined according to the European Standard (NEN-)EN 14470-1/2004 by the accredited test institute MPA Dresden.
- Fire resistance tested from the inside at the Battery University in Karlstein.
- *Optional* electrical configuration tested and certified in accordance with EN 3140.

#### **Enclosure:**

- Enclosure body and door made of zincor steel and powder coated optionally in:
- RAL 7035/light grey or - RAL 1007/narcis yellow or Cabinet body RAL 7035 and door(s) in RAL 1007
- Fire resistant insulation package made from non-combustible, environmentally friendly materials finished with a white impact and scratch resistant HPL top layer.
- Enclosure interior has a potential-free earth connection to the earth connection point on the enclosure roof.
- Standard equipped with freely accessible adjusting feet  $\pm 20$  mm for leveling the cabinet.

#### **Door:**

- Front fitted with single or double self-closing wing door with handle placed at ergonomic height. Each door (wing) can be locked by a cylinder lock (incl. 2 keys).
- Door rebate provided with fire sealing strips, so that the door rebate is hermetically closed in case of fire.

#### **Fittings:**

- Bottom plate in steel, powder coated RAL 7035/light grey.
- Shelf side walls with powder coated steel shelf fixing plate with 50 mm hook-in grid for height adjustment of the shelves.
- Four (4) removable, galvanized and double PE-coated shelf boards, mesh 35 x 35 mm, in RAL 7032/powder grey.
- Shelves have a load capacity of 110 kg with evenly distributed load.

#### **Thermal door locking:**

- The door(s) fitted with a thermal locking device which locks the door(s) on the inside at a temperature of  $\pm 70$  ° C. [function: locking the cabinet until the professional fire brigade can act].

#### **Ventilation openings:**

- An integrated ventilation duct with flange connection  $\varnothing 80$  x H 65 mm on the roof of the cabinet for the fan.
- Ventilation opening equipped with a fire damper which closes automatically in case of fire.

#### **Hazard indication:**

- Hazard indication by means of the type label prescribed in EN 14470-1 with pictograms, symbol: "smoking and open flame prohibited" and "flammable substances" and "ADR 9/batteries".

### BASE CABINET PLUS:

Base cabinet as described above including:

#### **F90 Emergency hatch in the cabinet roof fitted with:**

- An automatically closing fire resistant grille in case of fire.
- Grille with special filter to prevent discharge of burning li-ion particles from the cabinet.
- Emergency pressure hatch covered with a cover with flange Ø 125 mm for mutual connection to a vent pipe to the outside air.

For more information about specifications and possibilities please contact our sales department on 0342-404160 or by [email](#).

We reserve the right to make technical and execution changes.

### **Optional**

Option description	Option article number
Additional shelf for LS1220 - Li-ion	120600234
Transport base for Labsaver LS1220 -Li-ion	120600235
Safety P2 for LS1220 - Li-ion	120600237
Fire extinguisher cartridge incl. smoke detector with alarm transmission contact, contact switch on door and siren/flashlight on roof for LS1220 -Li-ion	120600-994
Security P1 for LS1220 - Li-ion	120600236