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PRODUCT DATA SHEET Hiltru®: Labsaver F90 LS1220-EN - Li-ion - grey - STORAGE BASE



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

| | |
|---------------------------|---|
| Article number | 120600-994 |
| Cabinet certification | F90 according to EN 14470-1 |
| 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: | 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

Version 3.0 - 01-2020

[HILTRU® 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 ± 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 ± 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 $\varnothing 125$ 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 |