Hiltra Barneveld b.v.
Compagnieweg 14-16
NL-3771 NH Barneveld
+ 31 (0)342-404160

www.hiltra.com
info@hiltra.com

Created on: 04-05-2024 20:24:15 | Technical changes and imperfections reserved.

PRODUCT DATA SHEET Hiltra®: Labsaver F90 LS620-EN - Li-ion - RAL7035/Grey - STORAGE BASIC PLUS

Size Labsaver F90 LS620-EN - Li-ion - RAL7035/Grey - STORAGE BASIC PLUS

Article number	060600221
Cabinet certification	F90 according to EN 14470-1
Certification Emergency pressure relief	EI-90 in accordance with 1634-1
Dimensions external WxDxH	approx. 600 x 600 x 2035 mm
Dimensions internal BxDxH	approx. 492 x 450 x 1724 mm
Self-closing door	Single, right-hinged, 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 double PE-coated grid shelves
Grid Shelf BxDxH	approx. 466 x 425 x 25 mm
Load capacity shelves	up to 75 kg when evenly distributed
Own weight	approx. 250 kg
Packaging and transport	on pallet, upright H=2200 mm

Specifications Labsaver F90 LS620-EN - Li-ion - RAL7035/Grey - STORAGE BASIC 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 ± 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 º C. [function: locking the cabinet until the professional fire brigade can
  act].

Ventilation openings:

- An integrated ventilation duct with flange connection Ø 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 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
Security P1 for LS620 - Li-ion	06600226
Security P2 for LS620 - Li-ion	06600227
Security P3 for LS620 -Li-ion	060600228
SMS alarm module for external alarms (only in combination with P3 or A3)	060600230
Stainless steel transport base for LS620	060600225
HF filter cassette in the cover (Basic Plus only > against hydrogen fluoride emissions)	06600232
Additional shelf for LS620 - Li-ion	060200224