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Technical changes and imperfections
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Specifications Fire resistant safety cabinets

Version 1.6 | 15-12-2025

F90 Hiltru® Labsaver® Fire safety storage cabinets LS620 - LS1220-EN

Design/fire resistance:

- Construction and arrangement according to requirements of the directive PGS 15:2025 version 1.0 (January 2025).
- Cabinets only suitable for indoor application.
- Fire resistance 90 minutes determined according to European Standard (NEN-)EN 14470-1:2004 (for cabinets with cubic contents = 1 m³) by the accredited test institute MPA Dresden.
- Note: for cabinets with cubic contents = 2 m³ , (NEN) EN 14470-1:2023 applies.
- Tested in accordance with European standard EN 16121 & EN 16122.
- CE declaration of conformity according to European Standard EN 45014.
- Interior cladding: Formaldehyde emission class E1 to EN 13986; biological hazard class 1 to EN 335-3; fire class B-s2,d0 to EN 13501-1:200.

Casing:

- Cabinet body and door made of zincor steel and powder coated in RAL 1007/narcissus yellow or RAL 7035/light gray. The LS1220-EN is also available with yellow doors and gray casing.
- Fire-resistant insulation package manufactured from non-combustible, environmentally friendly materials finished with a white impact and scratch-resistant HPL top coat.
- Cabinet carcass potential-free grounded to the ground connection point on the cabinet roof.
- Cabinet interior optionally potential-free earthed up to the earthing connection point on the cabinet roof.
- Standardly equipped with freely accessible levelling feet ± 20 mm for leveling the enclosure.

Door:

- Front equipped with a single or double self-closing wing door with a handle placed at an ergonomic height and lockable by means of a cylinder lock (incl. 2 keys).
- Door optionally available with thermolock fire-closing mechanism so that it can remain open in a position of 90° to 100°, but closes automatically in case of fire.
- Door rebate equipped with fire sealing strips so that the door rebate is hermetically sealed in case of fire.
- Optional available with Thermolock: The thermolock blocking and closing system offers the possibility of blocking the door(s) of the Labsaver® at approx. 90° position. Upon reaching a temperature of approx. 76°C, the lock will be released and the door closer will automatically close the door.

Fixture:

- Fixture made of zincor steel and powder coated in RAL 7035/light gray.
- Fitted with a freely removable liquid-tight bottom collection tray equipped with removable insert grid, loadable up to 75 Kg. Note: according to NEN-EN14470-1 a floor collection tray without insertion grid may not be used as a storage surface for packing materials.
- Side walls of the cabinet provided with steel-powder-coated shelf fixing plate with hook-in grid for the shelves with height adjustment in a 50 mm grid.
- Board mounting plate also serves as a liquid guide plate.
- Fitted with 3 freely removable shelves with a 30 mm high raised edge as shear protection and loadable up to 75 kg. with evenly distributed load.

Ventilation openings:

- Executed in the back wall with an integrated ventilation and venting channel.
- Ventilation opening in the cabinet 1 x above the bottom drip tray (low) and 1 x ventilation opening in the back wall (high).
- Breathing and venting channel equipped with fire valves that close automatically in case of fire.
- Be- and vent openings on the roof equipped with flange Ø 80 x H 65 mm for construction mutual connection to a ventilation system or optional cabinet fan.

Hazard designation:

- Danger designation by means of the type sticker prescribed in EN 14470-1 with pictograms, symbol: "smoking and open flame prohibited" and "flammable substances".

Options LS620-EN:

- 060600215 Thermolock door latch and automatic fire latch system
- 060600207 Extra shelf
- 060600203 Drip tray steel, 466 x 420 x 80 mm, capacity 15,32 liters only in combination with an (additional) shelf
- 060600212 Drip tray HDPE 488x415x50 mm, capacity 14,85 liters only in combination with an (additional) shelf
- 120600218 Potential free grounding inside device
- 190170400 SWD Ventilator ENG 1-1.6 230V 0.2 A 24W IP20, steel
- 190170500 Atex Fan ENG 2-2.5 230V 1.07A 120W IP55, steel

Options LS1220-EN:

- 120600216 Thermolock door latch and automatic fire latch system
- 120600208 Extra shelf
- 120600206 Reinforcement profiles for shelf (loadable up to 110 kg)
- 120600203 Drip tray steel, 1070 x 420 x 80 mm, capacity 35,25 liters only in combination with an (additional) shelf
- 120600212 HDPE drip tray, 1060 x 415 x 50 mm, capacity 22.25 liters only in combination with an (additional) shelf
- 120600218 Potential free grounding inside device
- 190170400 SWD Ventilator ENG 1-1.6 230V 0.2 A 24W IP20, steel
- 190170500 Atex Fan ENG 2-2.5 230V 1.07A 120W IP55, steel

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PRODUCT DATA SHEET Hiltra®: Labsaver F90 LS620-EN - gray



Size Labsaver F90 LS620-EN - gray

Article number	060600200
Certification	F90 in accordance with EN 14470-1 / EN 14727 / GS
External dimensions WxDxH	approx. 600 x 600 x 2035 mm
Internal dimensions WxDxH	approx. 492 x 450 x 1824 mm
Internal height from the drip tray	approx. 1724 mm
Door	only
Furnishing	3x adjustable shelf, 1x bottom tray incl. insert grid
Shelf dimensions (WxDxH)	approx. 466 x 420 x 30 mm
Shelf load capacity	75 kg with evenly distributed load
Bottom drip tray dimensions (WxDxH)	approx. 490 x 440 x 80/100 mm
Bearing capacity of bottom drip tray	75 kg with evenly distributed load
Collection capacity bottom leakage bin	approx. 17.7 ltr
Largest permitted packaging	16 liters
Storage Capacity	177 liters
Own weight	approximately 230 kg
Packaging, transportation	on pallet, upright H=2200 mm

Optional

Option description	Option article number
Thermolock door holdback system mounted tbv LS620	060600215
Flat shelf (extra) for LS620 steel RAL7035 gray	060600207
Drip tray steel H= 80 mm for LS620 RAL7035 gray	060600203
Top-mounted drip tray HDPE 460x420x50/6 mm for LS620	060600212
SWD Fan ENG 1-1.6 230V 0.2A 24W IP20, steel	190170400
SWD fan ENG 1-1,6 230V 0,2A 24W IP20, stainless steel	190170601
Atex fan ENG 2-2.5 230V 1.07A 120W IP55, steel	190170500
Atex fan ENG 2-2.5 230V 1.07A 120W IP55, stainless steel	190170600
Potential-free grounding inside fixtures	120600218
SWD Motor protection switch 0.16A-0.25A, loose	820300104
SWD Motor protection switch 1.0A-1.6A, loose	820300110
ATEX Motor Circuit Breaker 1.0A-1.6A, loose	820300105
SWD Work switch 3p 16A, loose	190170402
ATEX Work switch 3p 16A, loose	190170502
stainless steel transport pedestal LS620-EN	060600225

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PRODUCT DATA SHEET Hiltru®: Labsaver F90 LS620-EN - yellow



Size Labsaver F90 LS620-EN - yellow

Article number	060600202
Certification	F90 in accordance with EN 14470-1 / EN 14727 / GS
External dimensions WxDxH	approx. 600 x 600 x 2035 mm
Internal dimensions WxDxH	approx. 492 x 450 x 1824 mm
Internal height from the drip tray	approx. 1724 mm
Door	Only
Furnishing	3x adjustable shelf, 1x bottom tray incl. insert grid
Shelf dimensions (WxDxH)	approx. 466 x 420 x 30 mm
Shelf load capacity	75 kg with evenly distributed load
Bottom drip tray dimensions (WxDxH)	approx. 490 x 440 x 80/100 mm
Bearing capacity of bottom drip tray	75 kg at evenly distributed load
Collection capacity bottom leakage bin	approx. 17.7 ltr
Largest permitted packaging	16 liters
Storage Capacity	177 liters
Own weight	approximately 230 kg
Packaging, transportation	on pallet, upright H=2200 mm

Optional

Option description	Option article number
Thermolock door holdback system mounted tbv LS620	060600215
Flat shelf (extra) for LS620 steel RAL7035 gray	060600207
Drip tray steel H= 80 mm for LS620 RAL7035 gray	060600203
Top-mounted drip tray HDPE 460x420x50/6 mm for LS620	060600212
SWD Fan ENG 1-1.6 230V 0.2A 24W IP20, steel	190170400
SWD fan ENG 1-1,6 230V 0,2A 24W IP20, stainless steel	190170601
Atex fan ENG 2-2.5 230V 1.07A 120W IP55, steel	190170500
Atex fan ENG 2-2.5 230V 1.07A 120W IP55, stainless steel	190170600
Potential-free grounding inside fixtures	120600218
SWD Motor protection switch 0.16A-0.25A, loose	820300104
SWD Motor protection switch 1.0A-1.6A, loose	820300110
ATEX Motor Circuit Breaker 1.0A-1.6A, loose	820300105
SWD Work switch 3p 16A, loose	190170402
ATEX Work switch 3p 16A, loose	190170502
stainless steel transport pedestal LS620-EN	060600225

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PRODUCT DATA SHEET Hiltra®: Labsaver F90 LS1220-EN - gray



Size Labsaver F90 LS1220-EN - gray

Article number	120600200
Delivery time	Direct from stock !
Certification	F90 in accordance with EN 14470-1 / EN 14727 / GS
External dimensions WxDxH	approx. 1200 x 601 x 2035 mm
Internal dimensions WxDxH	approx. 1095 x 450 x 1824 mm
Internal height from the drip tray	approx. 1724 mm
Door	Double
Furnishing	3x adjustable shelf, 1x bottom tray incl. insert grid
Shelf dimensions (WxDxH)	approx. 1070 x 425 x 30 mm
Shelf load capacity	75 kg with evenly distributed load
Bottom drip tray dimensions (WxDxH)	approx. 1093 x 440 x 80/100 mm
Bearing capacity of bottom drip tray	75 kg with evenly distributed load
Collection capacity bottom leakage bin	approx. 38.9
Largest permitted packaging	35 liters
Storage Capacity	250 liters
Own weight	approx. 375 kg
Packaging, transportation	on pallet, upright H=2200 mm

Optional

Option description	Option article number
Thermolock door holdback system mounted tbv LS320/1220	120600216
Flat shelf (extra) for LS1220 RAL7035/grey	120600208
Drip tray steel H= 80 mm RAL7035 gray for LS1220	120600203
Top-mounted drip tray HDPE LxWxH; 1060x420x50/6 mm for LS1220	120600212
SWD Fan ENG 1-1.6 230V 0.2A 24W IP20, steel	190170400
SWD fan ENG 1-1,6 230V 0,2A 24W IP20, stainless steel	190170601
Atex fan ENG 2-2.5 230V 1.07A 120W IP55, steel	190170500
Atex fan ENG 2-2.5 230V 1.07A 120W IP55, stainless steel	190170600
Potential-free grounding inside fixtures	120600218
Reinforcement profiles for shelf (loadable up to 110 kg)	120600206
SWD Motor protection switch 0.16A-0.25A, loose	820300104
SWD Motor protection switch 1.0A-1.6A, loose	820300110
ATEX Motor Circuit Breaker 1.0A-1.6A, loose	820300105
SWD Work switch 3p 16A, loose	190170402
ATEX Work switch 3p 16A, loose	190170502
Stainless steel transport pedestal LS1220-EN	120600235

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PRODUCT DATA SHEET Hiltru®: Labsaver F90 LS1220-EN - gray/yellow



Size Labsaver F90 LS1220-EN - gray/yellow

Article number	120600201
Certification	F90 in accordance with EN 14470-1 / EN 14727 / GS
External dimensions WxDxH	approx. 1200 x 600 x 2035 mm
Internal dimensions WxDxH	approx. 1095 x 450 x 1824 mm
Internal height from the drip tray	approx. 1724 mm
Door	Double
Furnishing	3x adjustable shelf, 1x bottom tray incl. insert grid
Shelf dimensions (WxDxH)	approx. 1070 x 425 x 30 mm
Shelf load capacity	75 kg with evenly distributed load
Bottom drip tray dimensions (WxDxH)	approx. 1093 x 440 x 80/100 mm
Bearing capacity of bottom drip tray	75 kg with evenly distributed load
Collection capacity bottom leakage bin	approx. 38.9 ltr
Largest permitted packaging	35 liters
Storage Capacity	250 liters
Own weight	approx. 375 kg
Packing, rebellious	on pallet, upright H=2200 mm

Optional

Option description	Option article number
Thermolock door holdback system mounted tbv LS320/1220	120600216
Flat shelf (extra) for LS1220 RAL7035/grey	120600208
Drip tray steel H= 80 mm RAL7035 gray for LS1220	120600203
Top-mounted drip tray HDPE LxWxH; 1060x420x50/6 mm for LS1220	120600212
SWD Fan ENG 1-1.6 230V 0.2A 24W IP20, steel	190170400
SWD fan ENG 1-1,6 230V 0,2A 24W IP20, stainless steel	190170601
Atex fan ENG 2-2.5 230V 1.07A 120W IP55, steel	190170500
Atex fan ENG 2-2.5 230V 1.07A 120W IP55, stainless steel	190170600
Potential-free grounding inside fixtures	120600218
Reinforcement profiles for shelf (loadable up to 110 kg)	120600206
SWD Motor protection switch 0.16A-0.25A, loose	820300104
SWD Motor protection switch 1.0A-1.6A, loose	820300110
ATEX Motor Circuit Breaker 1.0A-1.6A, loose	820300105
SWD Work switch 3p 16A, loose	190170402
ATEX Work switch 3p 16A, loose	190170502
Stainless steel transport pedestal LS1220-EN	120600235

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PRODUCT DATA SHEET Hiltru®: Labsaver F90 LS1220-EN - yellow



Size Labsaver F90 LS1220-EN - yellow

Article number	120600202
Certification	F90 in accordance with EN 14470-1 / EN 14727 / GS
External dimensions WxDxH	approx. 1200 x 600 x 2035 mm
Internal dimensions WxDxH	approx. 1095 x 450 x 1824 mm
Internal height from the drip tray	approx. 1724 mm
Door	Double
Furnishing	3x adjustable shelf, 1x bottom tray incl. insert grid
Shelf dimensions (WxDxH)	approx. 1070 x 425 x 30 mm
Shelf load capacity	75 kg with evenly distributed load
Bottom drip tray dimensions (WxDxH)	approx. 1093 x 440 x 80/100 mm
Bearing capacity of bottom drip tray	75 kg with evenly distributed load
Collection capacity bottom leakage bin	approx. 38.9 ltr
Largest permitted packaging	35 liters
Storage Capacity	250 liters
Own weight	approx. 375 kg
Packaging, transportation	on pallet, upright H=2200 mm

Optional

Option description	Option article number
Thermolock door holdback system mounted tbv LS320/1220	120600216
Flat shelf (extra) for LS1220 RAL7035/grey	120600208
Drip tray steel H= 80 mm RAL7035 gray for LS1220	120600203
Top-mounted drip tray HDPE LxWxH; 1060x420x50/6 mm for LS1220	120600212
SWD Fan ENG 1-1.6 230V 0.2A 24W IP20, steel	190170400
SWD fan ENG 1-1,6 230V 0,2A 24W IP20, stainless steel	190170601
Atex fan ENG 2-2.5 230V 1.07A 120W IP55, steel	190170500
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Potential-free grounding inside fixtures	120600218
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SWD Motor protection switch 0.16A-0.25A, loose	820300104
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SWD Work switch 3p 16A, loose	190170402
ATEX Work switch 3p 16A, loose	190170502
Stainless steel transport pedestal LS1220-EN	120600235