

Safety storage cabinet ION-CLASSIC-90
Model IO90.195.120.K3.WDC, body colour anthracite grey
(RAL 7016), with wing doors in gentian blue (RAL 5010)

Safe active storage of lithium-ion batteries with
integrated 3-stage warning and fire suppression system

Function / construction:

- **Robust construction and longevity:** triple hinged door, safety elements assembled outside the storage compartment for increased protection against corrosion, scratch- and impact-resistant surface, easy to clean
- **Easy handling with comfort:** smooth doors with permanent self-closing function and oil-dampened door closer; open doors with a minimum amount of force
- **No unauthorised use:** doors lockable with cylinder locking (integration in an existing locking system possible) and locking state indicator (red/green)
- **Easy transport:** integrated transport base with removable, optional base cover
- **Easy alignment:** adjusting aids to compensate for uneven floor
- **Ventilation:** integrated technical ventilation to avoid heat build-up, spinning wheel in the exhaust grid as an indicator of sufficient technical ventilation
- **All-around protection:** 90 minute fire protection from outside to inside (type 90 / type tested in accordance with EN 14470-1) and for more than 90 minutes fire resistance for fires from inside to outside
- **Safe storage and charging:** installed 3-stage warning and fire suppression system including smoke detector, temperature sensor, visual and acoustic alarms and fire suppression unit; triggers automatically in case of a fire; plug-in ready for connection to mains supply

Dimensions

| | |
|-------------------|------------|
| Width (external) | 1193.00 mm |
| Depth (external) | 615.00 mm |
| Height (external) | 2224.00 mm |
| Width (internal) | 1050.00 mm |
| Depth (internal) | 522.00 mm |
| Height (internal) | 1647.00 mm |

The available internal dimensions can vary depending on the interior equipment package.

Weight / Load

| | |
|-----------------------------------|--------------------------|
| Weight without interior equipment | 424 kg |
| Distributed load | 531.00 kg/m ² |
| Maximum load | 600 kg |

Ventilation

| | |
|--------------------------------|----------|
| Extraction air | 75 DN |
| Frequency | 50/60 Hz |
| Nominal voltage | 230 V |
| Power consumption in operation | 47,5 W |

Outlet strips (Charging power)

| | |
|----------------------|---------|
| Fuse (1-phase) | 16 A |
| Power max. (1-phase) | 3,68 kW |

| | |
|----------------------|----------|
| Fuse (3-phase) | 3 x 16 A |
| Power max. (3-phase) | 11,04 kW |

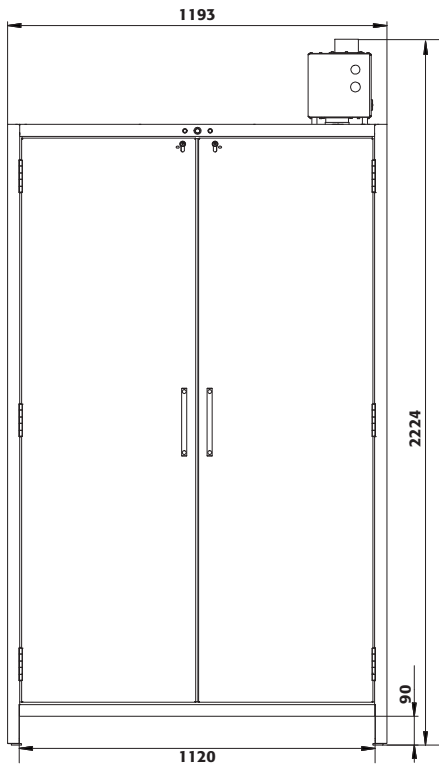
Colouring / Surface finish

| | |
|------------------------------|-----------------|
| Body colour code | RAL 7016 |
| Body colour | anthracite grey |
| Body surface finish | textured |
| Door / Drawer colour code | RAL 5010 |
| Door / Drawer colour | gentian blue |
| Door / Drawer surface finish | textured |

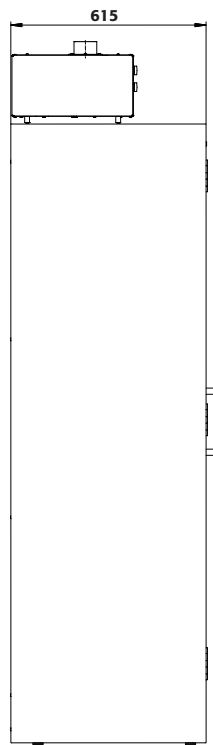
General Information

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|-----------------------------|----------|
| Number of doors | 2 |
| Door opening angle | 89.50° |
| Depth with open doors | 1166 mm |
| Entry width transport base | 1120 mm |
| Entry height transport base | 90 mm |
| Customs tariff number | 94032080 |

Front view



Side view



Selectional view

