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PRODUCT DATA SHEET Hiltra®: Hiltra F60 (semi) gas bottle depot GD-MS 50 (CBF0)

Size Hiltra F60 (semi) gas bottle depot GD-MS 50 (CBF0)

Article number	300150247
Dimensions uitw. WxDxH	± 3025 x 1625 x 2280 mm
Dimensions int. WxDxH	± 2x 1230 x 1270 x 2100 mm
Gauze door	Double wing door, lockable, made of galvanised steel
Implementation of walls and roof	60 minutes fire resistant according to NEN 6069
Steel construction	with constructive strength calculation
Weight	± 930 kg
Capacity	50x 50 liter standard cylinder (2x 25 pieces)
Locking device	Galvanized steel including chain for bulk securing of gas bottles

Specifications Hiltra F60 (semi) gas bottle depot GD-MS 50 (CBF0)

Version 1.2 | 7-4-2023

[Megasaver™ GD-MS models GD-MS 6 to GD-MS 24](#)

Design:

- Designed for the storage of gas cylinders based on the guideline PGS 15:2016 version 1.0.

Main supporting structure:

- Welded, steel structure made of blasted steel coated with approx. 100 µm Acraton zinc phosphate epoxy coating in RAL 7005/mouse gray.
- Construction on threshold-free frame with anchor plates for anchoring to a foundation.

Plating:

- Walls and roof in slightly profiled galvanized sandwich panels with a core made of non-combustible and insulating rock wool.
- Exterior color; a Myrialac® primer and polyester coating in RAL 7035/gray.
- Interior color; a Myrialac® primer and polyester coating in RAL 9002/white.

- Fire resistance of the sandwich panels = 60 minutes in accordance with:
- EN 6069: 2011.
- Test standards EN 1363-1 & 1364-1 (EI-60 for walls).
- Classification standard EN 13501-2.
- Fire resistance 60 minutes determined in case of fire from outside.

Fixing device:

- Galvanized brackets with chain to secure 50 L norm cylinders per three (in depth).

Door:

- Fitted with a door made of powder-coated steel in the color RAL 7037/gray.
- Mesh door lockable with espagnolette closure equipped with handle with cylinder lock.

Ventilation:

- Optimal ventilation by applying mesh doors.

Hazard designation:

- By pictograms "smoking and open flames prohibited" and "gas cylinder storage" (other pictograms and signage available on request).

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Version 1.1 | 3-2-2023

[Megasaver™ GD-MS models GD-MS 6 through GD-MS 24 \(CBF60\)](#)

Design/fire resistance:

- The composite structure was assessed by the accredited testing institute Efectis®
- Efectis report , no.: 2016-Efectis-R000221[Rev.1]/GHJ/TNL.
- Designed as an independent fire compartment for gas cylinder storage in accordance with guideline PGS 15:2016 Version 1.0.
- Fire resistance of 60 minutes determined in case of a fire from outside and a fire from inside on all (applicable for the chosen use) criteria of PGS 15:2016 Version 1.0, Regulation 3.2.9.
- Main supporting structure determined according to European and Dutch standards.

Main supporting structure:

- Welded, steel main supporting structure based on a structural strength calculation (for the chosen use) according to the Building Code and the aforementioned European and Dutch standards for steel structures:
- Steel construction made of bare steel, SA 2.5 shot blasted and coated with approx. 100 µm zinc phosphate epoxy coating in RAL 7005/mouse gray.
- Fire resistance 60 minutes on "collapse" criterion (R-60 for main supporting structures).
- Construction on threshold-free frame with anchor plates for anchoring to a foundation.

Housing:

- Roof and walls in slightly profiled galvanized sandwich panels with a core made of non-combustible and insulating rock wool.
- Isolation value [W/m²K]: 0.47 (according to EN ISO 6946)

- Sound insulation value (through air) R_w (C: Ctr): 32 dB
- Exterior color; a Myrialac® primer and polyester coating in RAL 7035/gray.
- Interior color; a Myrialac® primer and polyester coating in RAL 9002/white.
- Fire resistance of the sandwich panels = 60 minutes in accordance with: NEN 6069: 2011, Test standards EN 1363-1 & 1364-1 (EI-60 for walls), Test standards EN 1364-2 (RE-60 for ceilings/roofs), Classification standard: EN 13501-2.

Door:

- Executed with a single or double, self-closing, right-hand wing door in the short side.
- Door made of double-walled galvanized plate with a core of non-combustible and insulating material.
- Door leaf on inside and outside finished in RAL 7005/mouse gray.
- Door fitted as standard with latch, panic handle, cylinder lock and door closer including automatic Thermolock fire locking mechanism.
- Door rebates equipped with fire sealing strips so that they are automatically closed in case of fire.
- Door can be locked at an opening angle of about 90°, in case of fire the Thermolock breaks the lock and the door will close automatically in the latch bolt.
- Fire resistance of the door EI-1-60 minutes according to: Test standard: EN 1364-1, Classification standard: EN 13501-2, Insulation value W/m^2K : 1.1 (according to EN 14351-1/A1:2010), Sound insulation value (through air) R_w (C: Ctr): 32 dB (according to EN ISO 140-3).

Ventilation openings:

- Ventilation and venting by diametrically placed ventilation openings inside and outside finished with galvanized vane grilles.
- Standardly equipped with flame retardant mesh and fire resistant louvers to automatically close in case of fire.

Hazard designation:

- By pictograms according to PGS 15, Ø and/or ? 200 mm, symbols: "smoking and open fire prohibited" and "gas cylinder storage" (other pictograms and signage available on request).

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Version 1.1 | 03-01-2020

[Megasaver™ GD-MS models GD-MS 25 through GD-MS 75 \(CBF0\)](#)

Design:

- Designed for the storage of gas cylinders based on the guideline PGS 15:2016 version 1.0.

Main supporting structure:

- Welded, steel structure made of blasted steel coated with approx. 100 µm Acraton zinc phosphate epoxy coating in RAL 7005/mouse gray.
- Construction on threshold-free frame with anchor plates for anchoring to a foundation.

Plating:

- Walls in slightly profiled galvanized sandwich panels with a core made of non-combustible and insulating rock wool.
- Exterior color; a Myrialac® primer and polyester coating in RAL 7035/gray.
- Interior color; a Myrialac® primer and polyester coating in RAL 9002/white.
- Fire resistance of the sandwich panels = 60 minutes in accordance with:
- EN 6069: 2011.
- Test standards EN 1363-1 & 1364-1 (EI-60 for walls).
- Classification standard EN 13501-2.
- Fire resistance 60 minutes determined in case of fire from outside.

Fixing device:

- Mounting device for bulk securing 50 L standard cylinders with a chain.

Door:

- Executed with a door made of galvanized mesh, mesh size 50x50 mm/wire thickness 4 mm.
- Gauze door lockable with espagnolette lock equipped with handle with cylinder lock.

Ventilation:

- Optimal ventilation by applying mesh doors.

Hazard designation:

- By pictograms "smoking and open flames prohibited" and "gas cylinder storage" (other pictograms and signage available on request).

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Version x.x | xx-xx-xxxx

[Megasaver™ GD-MS models GD-MS 25 through GD-MS 75 \(CBF60\)](#)

Follows.

Optional

Option description	Option article number
F60 fire-resistant partition wall	300150245