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## PRODUCT DATA SHEET Hiltra®: Hiltra F60 (semi) gas bottle depot model GD-MS 18



Size Hiltra F60 (semi) gas bottle depot model GD-MS 18

Article number	600150500
Dimensions uitw. WxDxH	± 2319 x 1016 x 2281 mm
Dimensions int. WxDxH	± 2089 x 925 x 2200 mm
Daylight size door	± 2089 x 2140 mm
Gauze door	Double wing door, lockable, made of galvanised steel
Implementation of walls and roof	60 minutes fire resistant according to NEN 6069
Weight	± 383 kg
Capacity	18x 50 liter standard cylinder
Locking device	Bottles a piece (3 in a row) fixed in galvanized steel construction

## Specifications Hiltra F60 (semi) gas bottle depot model GD-MS 18

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/m<sup>2</sup>K]: 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.