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Technical changes and imperfections
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Specifications F60 Gas cylinder depots GD-MS

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 EFACTIS®
- 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/m²K: 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.

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PRODUCT DATA SHEET Hiltru®: Hiltru® F60 (semi) gas cylinder depot model GD-MS 6



Size Hiltru® F60 (semi) gas cylinder depot model GD-MS 6

Article number	600150300
External dimensions WxDxH	± 955 x 1059 x 2334 mm
Internal dimensions WxDxH	± 730 x 950 x 2200 mm
Daylight size door	± 725 x 2140 mm
Mesh Door	Single, lockable galvanized steel
Implementation of walls and roof	60 minutes fire resistant in accordance with NEN6069
Weight	± 206 kg
Capacity	6x 50 liter standard cylinder
Locking device	Bottles each (3 in a row) fixed in galvanized steel construction

Optional

Option description	Option article number
Option R: Galvanized slatted floor for GD-MS6	600150303



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PRODUCT DATA SHEET Hiltra®: Hiltra F60 (semi) gas cylinder depot model GD-MS 12

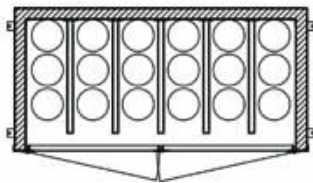


Size Hiltra F60 (semi) gas cylinder depot model GD-MS 12

Article number	600150400
Dimensions uitw. WxDxH	± 2154 x 1016 x 2281 mm
Dimensions int. WxDxH	± 1225 x 925 x 2200 mm
Daylight size door	± 1225 x 2140 mm
Gauze door	Single, lockable from galvanised steel
Implementation of walls and roof	60 minutes fire resistant according to NEN 6069
Weight	± 290 kg
Capacity	12x 50 liter standard cylinder
Locking device	Bottles a piece (3 in a row) lockable in galvanized steel construction

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

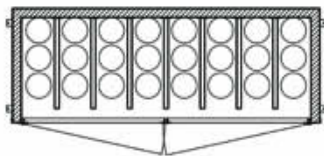


Size Hiltra® F60 (semi) gas cylinder depot model GD-MS 18

Article number	600150500
Dimensions outw. WxDxH	± 2319 x 1059 x 2334 mm
Internal dimensions WxDxH	± 2095 x 950 x 2200 mm
Daylight size door	± 2089 x 2140 mm
Mesh Door	Double wing door, lockable made of galvanized steel
Implementation of walls and roof	60 minutes fire resistant in accordance with NEN6069
Weight	± 383 kg
Capacity	18x 50 liter standard cylinder
Locking device	Bottles each (3 in a row) fixed in galvanized steel construction

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PRODUCT DATA SHEET Hiltru®: Hiltru® F60 (semi) gas cylinder depot model GD-MS 24



Size Hiltru® F60 (semi) gas cylinder depot model GD-MS 24

Article number	600150600
Dimensions outw. WxDxH	± 2719 x 1059 x 2334 mm (incl. lifting eyes)
Dimensions WxD	± 2495 x 950 x 2200 mm
Daylight size door	± 2489 x 2140 mm
Mesh Door	Double wing door, lockable of steel
Implementation of walls and roof	60 minutes fire resistant in accordance with NEN6069
Weight	± 475 kg
Capacity	24x 50 liter standard cylinder
Locking device	Bottles each (3 in a row) fixed in galvanized steel construction



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PRODUCT DATA SHEET Hiltru®: Hiltru F60 (semi) gas bottle depot GD-MS 25 (CBF0)



Size Hiltru F60 (semi) gas bottle depot GD-MS 25 (CBF0)

Article number	200150242
Dimensions uitw. WxDxH	± 1590 x 1625 x 2280 mm
Dimensions int. WxDxH	± 1230 x 1270 x 2100 mm
Gauze door	Single, lockable from galvanised steel
Implementation of walls and roof	60 minutes fire resistant according to NEN 6069
Steel construction	with constructive strength calculation
Weight	± 550 kg
Capacity	25x 50 liter standard cylinder
Locking device	Galvanized steel including chain for bulk securing of gas bottles



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PRODUCT DATA SHEET Hiltru®: Hiltru F60 (semi) gas cylinder depot GD-MS 25 (CBF60)



Size Hiltru F60 (semi) gas cylinder depot GD-MS 25 (CBF60)

Article number	200150240
Dimensions uitw. WxDxH	± 1590 x 1625 x 2280 mm
Dimensions int. WxDxH	± 1230 x 1270 x 2100 mm
Gauze door	Single, lockable from galvanised steel
Implementation of walls and roof	60 minutes fire resistant according to NEN 6069
Steel construction	with structural strength calculation F60
Weight	± 580 kg
Capacity	25x 50 liter standard cylinder
Locking device	Galvanized steel including chain for bulk securing of gas bottles

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PRODUCT DATA SHEET Hiltru®: Hiltru F60 gas bottle depot model GD-MS 25 (CBF60)



Size Hiltru F60 gas bottle depot model GD-MS 25 (CBF60)

Article number	200150241
Dimensions uitw. WxDxH	± 1590 x 1625 x 2280 mm
Dimensions int. WxDxH	± 1230 x 1270 x 2100 mm
Door	Single lockable F60 fire door
Implementation of walls and roof	60 minutes fire resistant according to NEN 6069
Steel construction	with structural strength calculation F60
Weight	± 665 kg
Capacity	50x 50 liter standard cylinder
Locking device	Galvanized steel including chain for bulk securing of gas bottles

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



Size Hiltru 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

Optional

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

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PRODUCT DATA SHEET Hiltru®: Hiltru F60 (semi) gas bottle depot GD-MS 50 (CBF60)



Size Hiltru F60 (semi) gas bottle depot GD-MS 50 (CBF60)

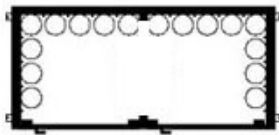
Article number	300150240
Dimensions uitw. WxDxH	± 3025 x 1625 x 2280 mm
Dimensions int. WxDxH	± 1230/1230 x 1270 x 2100 mm
Roof overhang	215 mm
Gauze door	Double wing door, lockable, made of galvanised steel
Implementation of walls and roof	60 minutes fire resistant according to NEN 6069
Steel construction	with structural strength calculation F60
Weight	± 980 kg
Capacity	50x 50 liter standard cylinder (2x 25 pieces)
Locking device	Galvanized steel including chain for bulk securing of gas bottles

Optional

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

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PRODUCT DATA SHEET Hiltru®: Hiltru F60 gas bottle depot model GD-MS 50 (CBF60)



Size Hiltru F60 gas bottle depot model GD-MS 50 (CBF60)

Article number	300150241
Dimensions uitw. WxDxH	± 3025 x 1625 x 2280 mm
Dimensions int. WxDxH	± 1230/1230 x 1270 x 2100 mm
Door	Lockable F60 fire doors
Implementation of walls and roof	60 minutes fire resistant according to NEN 6069
Steel construction	with structural strength calculation F60
Weight	± 1160 kg
Capacity	50x 50 liter standard cylinder (2x 25 pieces)
Locking device	Galvanized steel including chain for bulk securing of gas bottles

Optional

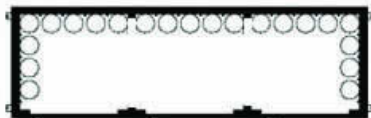
Option description	Option article number
F60 fire-resistant partition wall	300150245

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PRODUCT DATA SHEET Hiltru®: Hiltru F60 (semi) gas bottle depot GD-MS 75 (CBF0)



Afgebeeld met 2x F60 scheidingswand (= optioneel)



Size Hiltru F60 (semi) gas bottle depot GD-MS 75 (CBF0)

Article number	500150242
Dimensions uitw. WxDxH	± 4460 x 1625 x 2280 mm
Dimensions int. WxDxH	± 3x 1230 x 1270 x 2100 mm
Mesh doors	Single, lockable from galvanised steel
Implementation of walls and roof	60 minutes fire resistant according to NEN 6069
Steel construction	with constructive strength calculation
Weight	± 1310 kg
Capacity	75x 50 liter standard cylinder (3x 25 pieces)
Locking device	Galvanized steel including chain for bulk securing of gas bottles

Optional

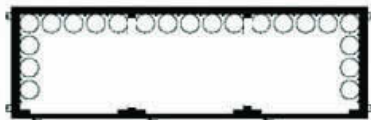
Option description	Option article number
F60 fire-resistant partition wall	300150245

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PRODUCT DATA SHEET Hiltru®: Hiltru F60 (semi) gas bottle depot GD-MS 75 (CBF60)



Afgebeeld met 2x F60 scheidingswand (= optioneel)



Size Hiltru F60 (semi) gas bottle depot GD-MS 75 (CBF60)

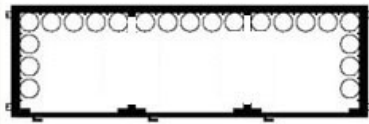
Article number	500150240
Dimensions uitw. WxDxH	± 4460 x 1625 x 2280 mm
Dimensions int. WxDxH	± 1230/1230 x 1270 x 2100 mm
Mesh doors	Single, lockable from galvanised steel
Implementation of walls and roof	60 minutes fire resistant according to NEN 6069
Steel construction	with structural strength calculation F60
Weight	± 1385 kg
Capacity	75x 50 liter standard cylinder (3x 25 pieces)
Locking device	Galvanized steel including chain for bulk securing of gas bottles

Optional

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

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PRODUCT DATA SHEET Hiltra®: Hiltra F60 gas bottle depot model GD-MS 75 (CBF60)



Size Hiltra F60 gas bottle depot model GD-MS 75 (CBF60)

Article number	500150241
Dimensions uitw. WxDxH	± 4460 x 1625 x 2280 mm
Dimensions int. WxDxH	± 1230/1230 x 1270 x 2100 mm
Doors	Single, lockable F60 fire door
Implementation of walls and roof	60 minutes fire resistant according to NEN 6069
Steel construction	with structural strength calculation F60
Weight	± 1650 kg
Capacity	75x 50 liter standard cylinder (3x 25 pieces)
Locking device	Galvanized steel including chain for bulk securing of gas bottles

Optional

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