

PRIOROOM GSL

Fire-resistant safety cell

Special solution for gas cylinder storage



PRIOROOM GSL
consisting of
+ PRIOWALL
+ PRIODOOR FSA
+ PRIOCEIL
+ Accessoire bulkhead
+ Accessoire ventilation



Compact, fire-resistant safety cell for safe storage of gas cylinders. The safety cell can be constructed quickly and cleanly in custom dimensions made of pre-fabricated elements that are just 42 mm in thickness, in consideration of the existing building structures. It offers a fire resistance of 90 minutes.

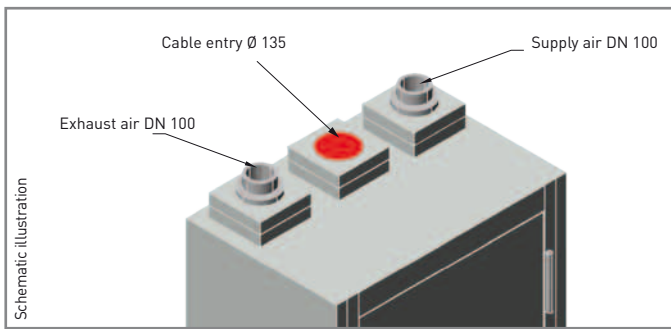
A steel cylinder truck can be used to drive into the safety cell on ground level or via an approach ramp.

The homogeneous, solid material has high-quality, easy to clean interior and exterior surfaces.

The safety cell has undergone an expert assessment by an accredited materials testing institute, and offers certified quality. It is an alternative to commonly available gas cylinder cabinets.

Function

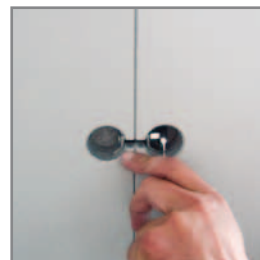
- Fire resistance 90 minutes: fire resistant
- Expert opinion by an official material testing institute



- Cable entries and ventilation openings (Design variant GFR91:600; see page 62)



- Door hinge in stainless steel



- Quick panel assembly



- Fire damper



- Fire resistant cable compartment

Construction & Equipment

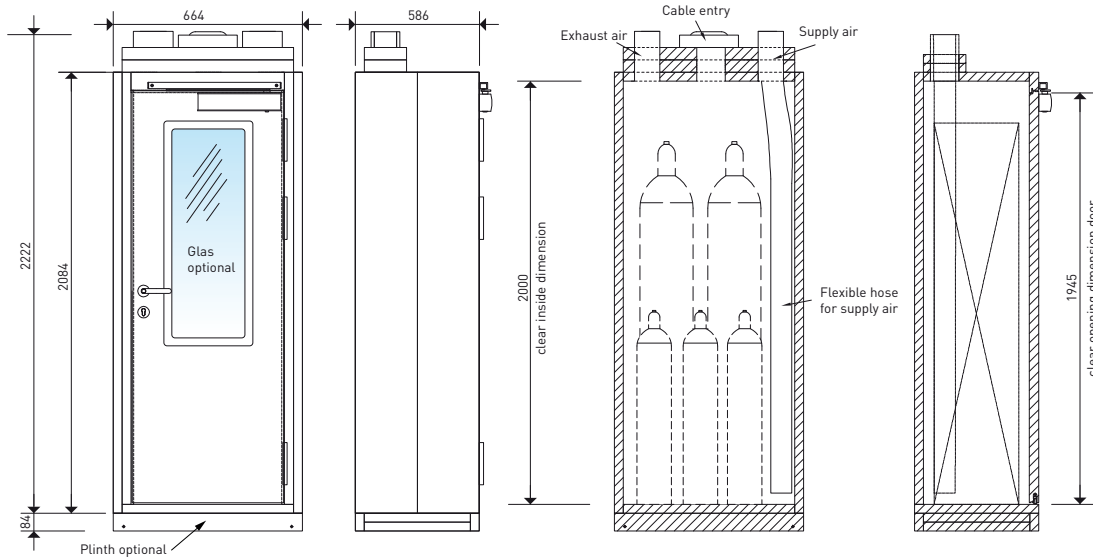
- high mechanical resistance
- Barrier-free entry with transport equipment possible
- Door(s) with 3D stainless steel strips, 3-point locking system, prepared for profile cylinder
- Suitable for the storage of compressed gas cylinders
- Ventilation openings on the top side, DN 100 - closure via fire dampers

Material & Surface

- Building material with surface coating on both sides, classified A2 – s1, d0 non-combustible
- Standard surface CP laminate
- Colour light grey, similar to RAL 7035

PRIOROOM GSL – Special solution for gas cylinder

GFR91:600

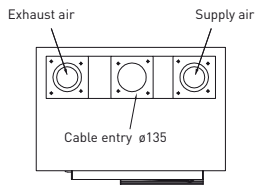


Front view

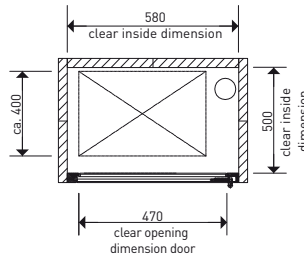
Side view

Inside view

Side view

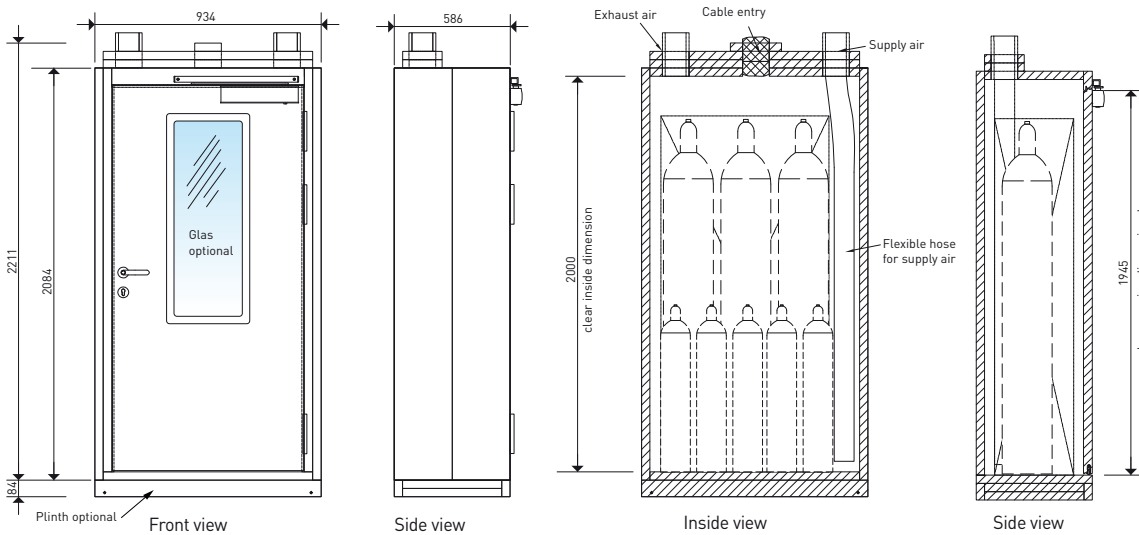


Top view



Floor plan

GFR91:800

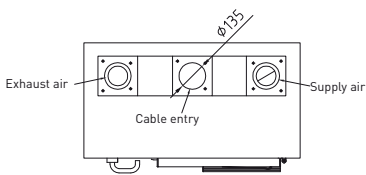


Front view

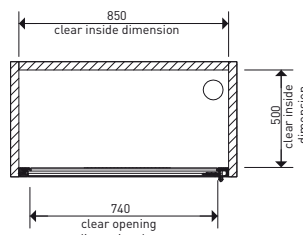
Side view

Inside view

Side view

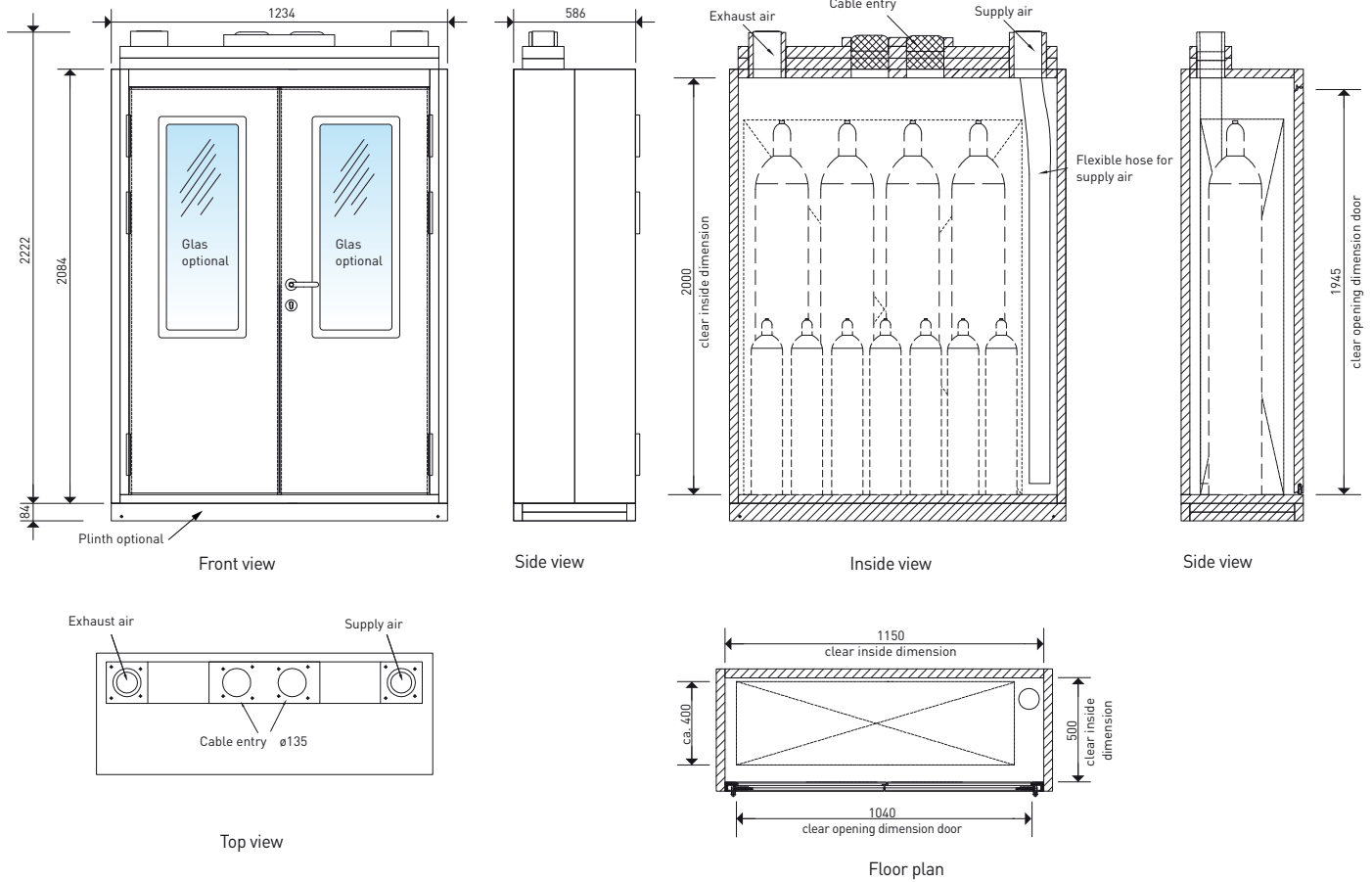


Top view

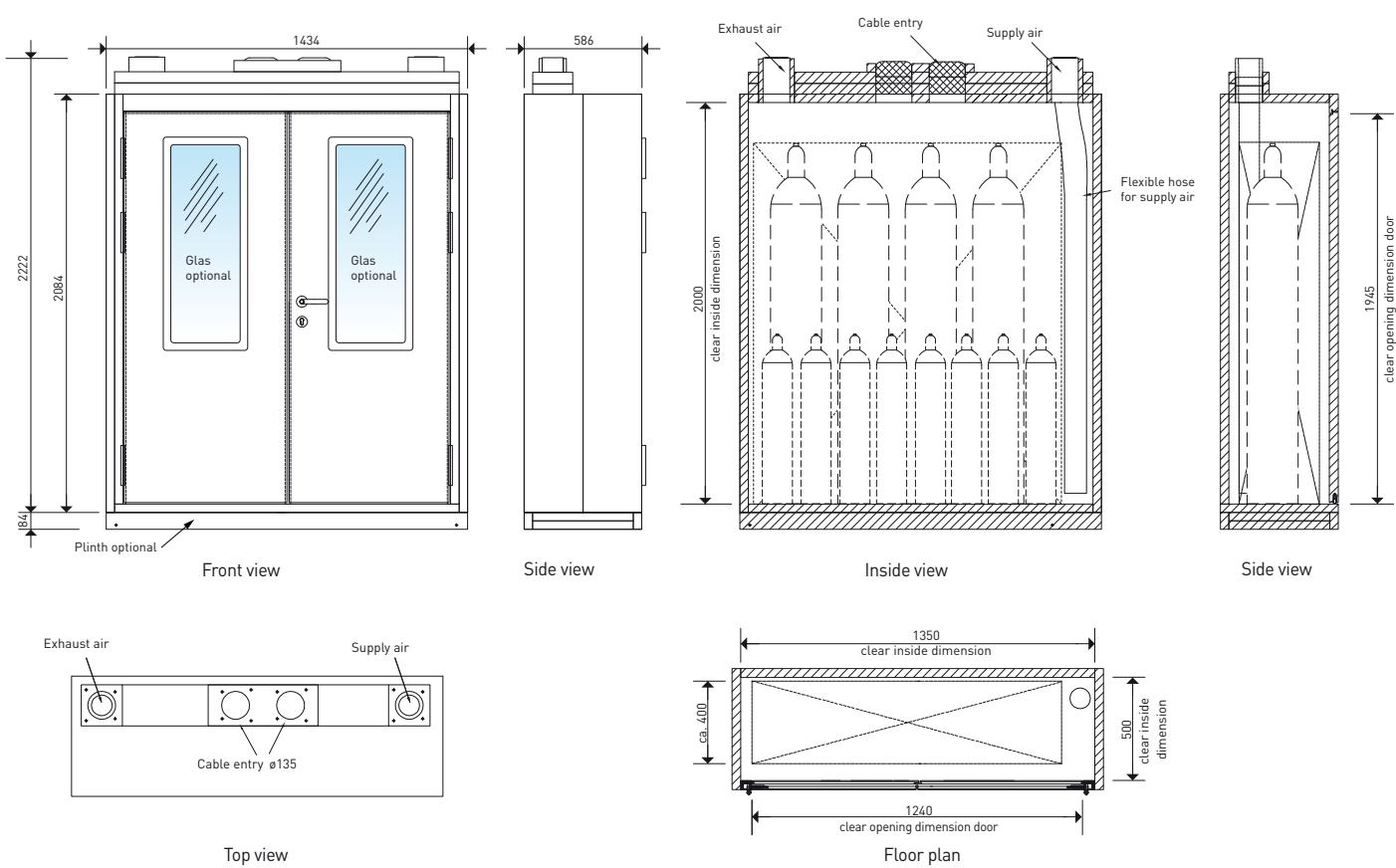


Floor plan

GFR92:1200








GFR92:1400



Technical modifications reserved. | Version: 16.10.2023

PRIOROOM GSL – Special solution for gas cylinder

Art.	 H x W x D mm	 H x W x D mm	 H x W mm	 kg	 Pcs	Description
Made to measure for the standard price						
GFR:SAF	min. 2059 x 480 x 316 max. 2759 x 2500 x 2416	min. 2143 x 564 x 400 max. 2843 x 2584 x 2500	370 to 2390	-		
Fire-resistant gas cylinder walk-in storage units, 1-leaf						
GFR91:600	2000 x 580 x 500	2222 x 664 x 586	1945 x 470	476	2 x 50 Litres / 3 x 10 Litres	1 pipe/cable penetration seal KRS 125 in the top section, mounting rails, cylinder brackets and straps, ventilation, self-assembly, without plinth
GFR91:600-M						1 pipe/cable penetration seals KRS 125 in the top section, mounting rails, cylinder brackets and straps, ventilation, preassembled, without plinth
GFR91:600-G						1 pipe/cable penetration seals KRS 125 in the top section, F90 door glazing, mounting rails, cylinder brackets and straps, ventilation, self-assembly, without plinth
GFR91:600-G-M						1 pipe/cable penetration seals KRS 125 in the top section, F90 door glazing, mounting rails, cylinder brackets and straps, ventilation, preassembled, without plinth
GFR91:800	2000 x 850 x 500	2211 x 934 x 586	1945 x 740	588	3 x 50 Litres / 5 x 10 Litres	1 pipe/cable penetration seal KRS 125 in the top section, mounting rails, cylinder brackets and straps, ventilation, self-assembly, without plinth
GFR91:800-M						1 pipe/cable penetration seals KRS 125 in the top section, mounting rails, cylinder brackets and straps, ventilation, preassembled, without plinth
GFR91:800-G						1 pipe/cable penetration seals KRS 125 in the top section, F90 door glazing, mounting rails, cylinder brackets and straps, ventilation, self-assembly, without plinth
GFR91:800-G-M						1 pipe/cable penetration seals KRS 125 in the top section, F90 door glazing, mounting rails, cylinder brackets and straps, ventilation, preassembled, without plinth
Fire-resistant gas cylinder walk-in storage units, 2-leaf						
GFR92:1200	2000 x 1150 x 500	2222 x 1234 x 586	1945 x 1040	711	4 x 50 Litres / 7 x 10 Litres	2 pipe/cable penetration seal KRS 125 in the top section, mounting rails, cylinder brackets and straps, ventilation, self-assembly, without plinth
GFR92:1200-M						2 pipe/cable penetration seals KRS 125 in the top section, mounting rails, cylinder brackets and straps, ventilation, preassembled, without plinth
GFR92:1200-G						2 pipe/cable penetration seals KRS 125 in the top section, F90 door glazing, mounting rails, cylinder brackets and straps, ventilation, self-assembly, without plinth
GFR92:1200-G-M						2 pipe/cable penetration seals KRS 125 in the top section, F90 door glazing, mounting rails, cylinder brackets and straps, ventilation, preassembled, without plinth
GFR92:1400	2000 x 1350 x 500	2222 x 1434 x 586	1945 x 1240	793	4 x 50 Litres / 8 x 10 Litres	2 pipe/cable penetration seal KRS 125 in the top section, mounting rails, cylinder brackets and straps, ventilation, self-assembly, without plinth
GFR92:1400-M						2 pipe/cable penetration seals KRS 125 in the top section, mounting rails, cylinder brackets and straps, ventilation, preassembled, without plinth
GFR92:1400-G						2 pipe/cable penetration seals KRS 125 in the top section, F90 door glazing, mounting rails, cylinder brackets and straps, ventilation, self-assembly, without plinth
GFR92:1400-G-M						2 pipe/cable penetration seals KRS 125 in the top section, F90 door glazing, mounting rails, cylinder brackets and straps, ventilation, preassembled, without plinth

Options and accessories

- Doors or entire body in alternative RAL colours / surfaces, on request



- Fire resistant cable compartment



- Doors/body in special colour on request



- Fire damper



- Barrier-free access on request

Art.	Accessories
KRS125	Cable and pipe compartment d = 135 mm
GFR:MONT	The gas cylinder walk-in storage unit is installed on site by PRIORIT
GFR91:600-SO	Base with toeboard for GFR:91:600, Height: 84 mm
GFR91:800-SO	Base with toeboard for GFR:91:800, Height: 84 mm
GFR92:1200-SO	Base with toeboard for GFR:92:1200, Height: 84 mm
GFR92:1400-SO	Base with toeboard for GFR:92:1400, Height: 84 mm
GFR:SPG	Strap (replacement)