

Application area

Cold rooms, cold stores, cold cells up to 0°C

Features

U value door leaf in W/m²K 0,30

Dimensions

Clear width (CW): max. 2,500 mm
Clear height (CH): max. 2.800 mm

Please enquire concerning further dimensions.

Details of the ems cold room sliding door KSL 80:

Door leaf

Door leaf thickness 80 mm, foamed with PU rigid foam, foaming agent CFC-free and HCFC-free

Sealing

On three sides with grease-resistant APTK foam rubber lip insertion seal, held in plastic profiles; all sealings can be easily replaced

Door frames installed in brickwork

Flat frame for the brickwork assembly, metal-sheeted in the design of the door leaf; with and without threshold; ready to install with assembly material and installation instructions

Door frame with panel installation

Clamp frame for panel installation, metal-sheeted in the design of the door leaf; with and without threshold; prepared ready to install for the respective panel thickness, with assembly material and installation instructions

Covering sheet steel design

Galvanized Quality Class Z275 pursuant to corrosive protection class III pursuant to DIN 55928
Polyester coating, 25 µm in different colours pursuant to ems colour table

Covering stainless steel design

Nickel-chromium steel 1.4301, non-rusting pursuant to DIN 17440; circular-matted, grounded, brushed or pattern-rolled lengthwise (5WL)

Mounting suspension

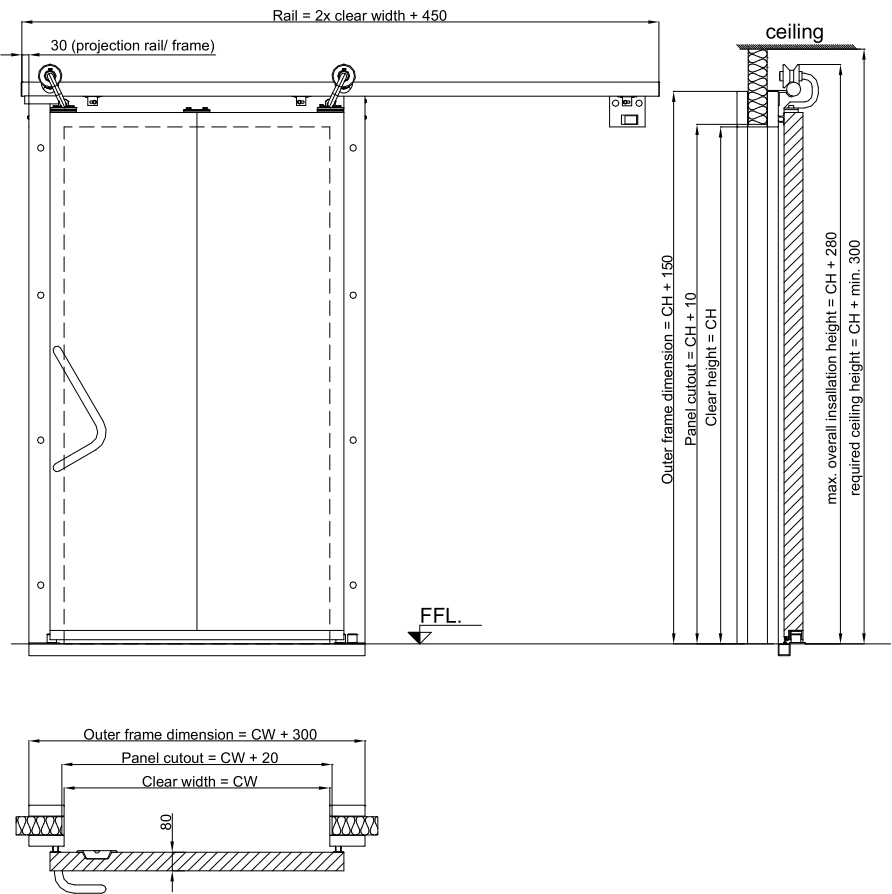
Easy to clean, reliable running and simple handling are special features of the patented hygiene guide rails processed completely from polished special steel LS 3000 (DE 100 11 245.5). The type without roller cover grants easy cleaning even at places that are difficult to access. The design which has no corners and edges and no hidden components enables simple, and above all, swift assembly.

Door hardware

Standard design: Stainless steel tubular handle

Options (on request) i.a.:

- . Bolt lock with integrated emergency release
- . Window W x H = 400 x 600 mm
- . Fender
- . Tubular track lead-through
- . Lever handle
- . Safety light curtain
- . E-automatic
- . Pull switch



Important note: All surfaces are masked with protective assembly foil which must be removed immediately after installation or before.

Figure DIN right! DIN left mirror-inverted!

The exact details for the type of the door frame as well as the threshold installation of the ems cold room sliding door KSL 80 see pages 43 and 44. Other details on request.

Application area

Cold rooms, cold stores, cold cells up to 0°C

Features

U value door leaf in W/m²K 0,24

Dimensions

Clear width (CW): max. 3.500 mm
Clear height (CH): max. 3.500 mm

Please enquire concerning further dimensions.

Details of the ems cold room sliding door KS 100:

Door leaf

Door leaf thickness 100 mm, foamed with PU rigid foam, foaming agent CFC-free and HCFC-free

Sealing

On three sides with grease-resistant APTK foam rubber lip insertion seal, held in plastic profiles; Fitted extruded seal in lower section; all sealings can be easily replaced

Door frames installed in brickwork

ready to install with brick angles for brickwork assembly, metal-sheeted in the design of the door leaf; with and without threshold, with assembly material and installation instructions

Door frame with panel installation

Clamp frame for panel installation, metal-sheeted in the design of the door leaf; with and without threshold; prepared ready to install for the respective panel thickness, with assembly material and installation instructions

Covering sheet steel design

Galvanized Quality Class Z275 pursuant to corrosive protection class III pursuant to DIN 55928
Polyester coating, 25 µm in different colours pursuant to ems colour table

Covering stainless steel design

Nickel-chromium steel 1.4301, non-rusting pursuant to DIN 17440; circular-matted, grounded, brushed or pattern-rolled lengthwise (5WL)

Mounting suspension

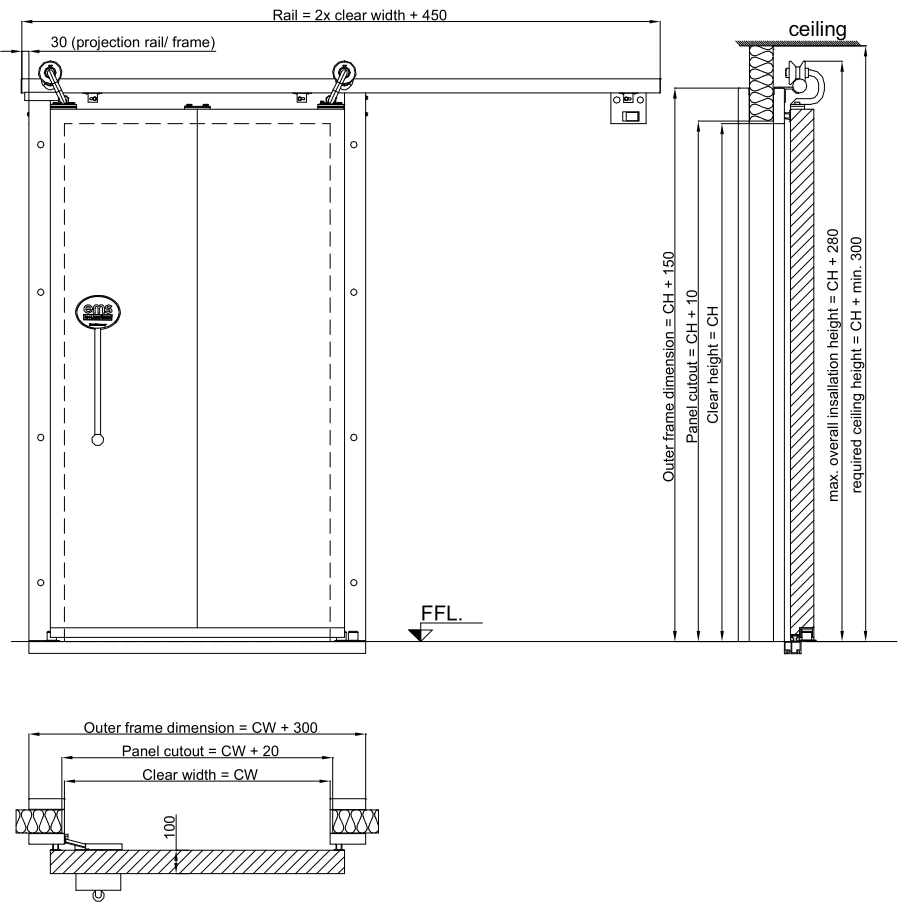
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Door hardware

Standard design: ems stainless steel lever handle

Options (on request) i.a.:

- . Bolt lock with integrated emergency release
- . Window W x H = 400 x 600 mm
- . 2-winged type
- . Tubular track lead-through
- . Fender
- . E-automatic
- . Pull switch
- . Safety light curtain



Important note: All surfaces are masked with protective assembly foil which must be removed immediately after installation or before.

Figure DIN right! DIN left mirror-inverted!

The exact details for the type of the door frame as well as the threshold installation of the ems cold room sliding door KS 100 see pages 43 and 44. Other details on request.

Application area

freezer rooms, freezer stores, freezer cells up to -28°C

Features

U value door leaf in W/m²K 0,20

Dimensions

Clear width (CW): max. 2.500 mm
Clear height (CH): max. 2.800 mm

Please enquire concerning further dimensions.

Details of the ems freezer room sliding door GSL 120:

Door leaf

Door leaf thickness 120 mm, foamed with PU rigid foam, foaming agent CFC-free and HCFC-free

Sealing

On three sides with grease-resistant APTK foam rubber lip insertion seal, held in plastic profiles; Fitted dual extruded seal in lower section; all sealings can be easily replaced

Door frames installed in brickwork

ready to install with brick angles for brickwork assembly, metal-sheeted in the design of the door leaf, with and without threshold; with electrical frame and sill heating, with assembly material and installation instructions

Door frame with panel installation

Clamp frame for panel installation, metal-sheeted in the design of the door leaf; with and without threshold; prepared ready to install for the respective panel thickness, with assembly material and installation instructions

Covering sheet steel design

Galvanized Quality Class Z275 pursuant to corrosive protection class III pursuant to DIN 55928
Polyester coating, 25 µm in different colours pursuant to ems colour table

Covering stainless steel design

Nickel-chromium steel 1.4301, non-rusting pursuant to DIN 17440; circular-matted, grounded, brushed or pattern-rolled lengthwise (5WL)

Mounting suspension

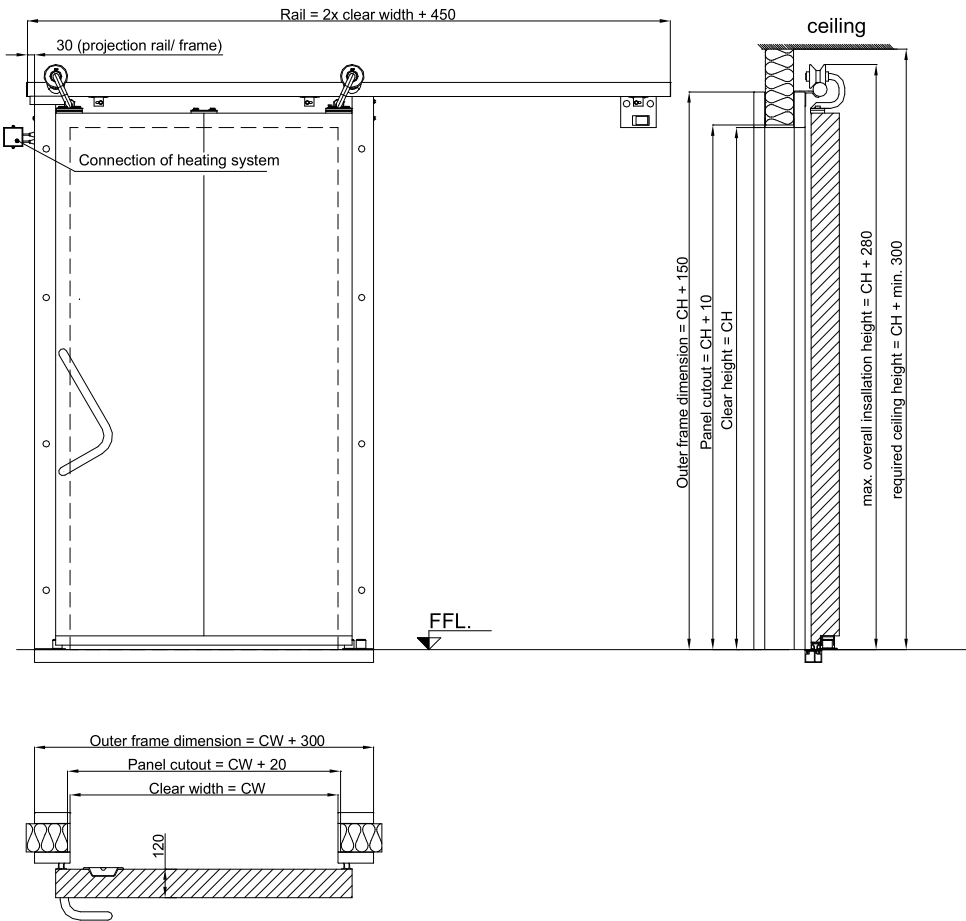
Easy to clean, reliable running and simple handling are special features of the patented hygiene guide rails processed completely from polished special steel LS 3000 (DE 100 11 245,5). The type without roller cover grants easy cleaning even at places that are difficult to access. The design which has no corners and edges and no hidden components enables simple, and above all, swift assembly.

Door hardware

Standard design: Stainless steel tubular handle

Options (on request) i.a.:

- | | | |
|---|----------------|------------------------|
| . Bolt lock with integrated emergency release | . Lever handle | . Pull switch |
| . Window W x H = 400 x 600 mm | . Fender | . Safety light curtain |
| . 2-winged type | . E-automatic | |
| . pressure compensating valves | | |



Important note: All surfaces are masked with protective assembly foil which must be removed immediately after installation or before.

Figure DIN right! DIN left mirror-inverted!

The exact details for the type of the door frame as well as the threshold installation of the ems freezer room sliding door GSL 120 see page 45. Other details on request.

Application area

freezer rooms, freezer stores, freezer cells up to -28°C; optional for blast freezer rooms up to -40° C

Features

U value door leaf in W/m²K 0,17 (0,12 for blast freezer application)

Dimensions

Clear width (CW): max. 3,500 mm
Clear height (CH): max. 3,500 mm

Please enquire concerning further dimensions.

Details of the ems freezer room sliding door GS 140:

Door leaf

Door leaf thickness 140 mm (fast-freezing room 200 mm), foamed with PU rigid foam, foaming agent CFC-free and HCFC-free

Sealing

On three sides with dual, grease-resistant APTK foam rubber lip insertion seal, held in plastic profiles; fitted dual extruded seal in lower section; all sealings can be easily replaced

Door frames installed in brickwork

Flat frame for the brickwork assembly, metal-sheeted in the design of the door leaf; with and without threshold; ready to install with assembly material and installation instructions

Door frame with panel installation

ready to install with brick angles for brickwork assembly, metal-sheeted in the design of the door leaf, with and without threshold, with electrical frame and sill heating, with assembly material and installation instructions

Covering sheet steel design

Galvanized Quality Class Z275 pursuant to corrosive protection class III pursuant to DIN 55928
Polyester coating, 25 µm in different colours pursuant to ems colour table

Covering stainless steel design

Nickel-chromium steel 1.4301, non-rusting pursuant to DIN 17440; circular-matted, grounded, brushed or pattern-rolled lengthwise (5WL)

Mounting suspension

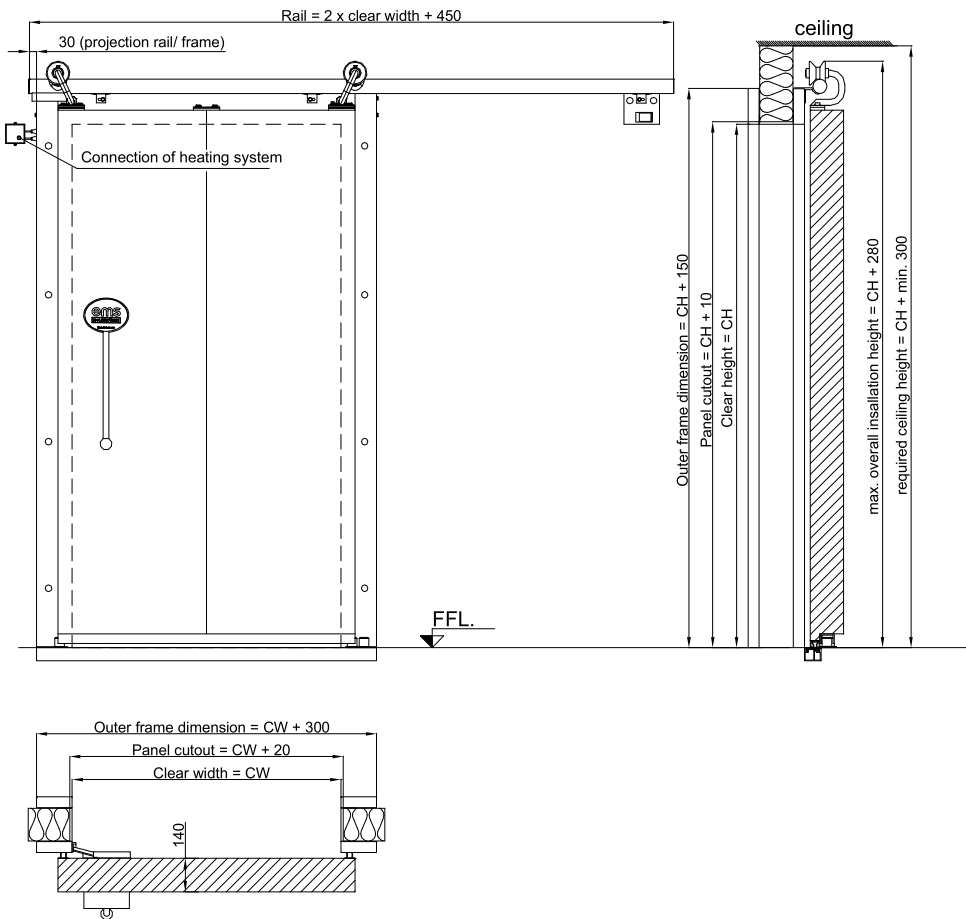
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Door hardware

Standard design: ems stainless steel lever handle

Options (on request) i.a.:

- . Bolt lock with integrated emergency release
- . Window W x H = 400 x 600 mm
- . 2-winged type
- . pressure compensating valves
- . Fender
- . E-automatic
- . Pull switch
- . Safety light curtain



Important note: All surfaces are masked with protective assembly foil which must be removed immediately after installation or before.

Figure DIN right! DIN left mirror-inverted!

The exact details for the type of the door frame as well as the threshold installation of the ems freezer room sliding door GS 140 see page 45. Other details on request.