

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. 1,500 mm
Clear height (CH): max. 3,000 mm

Please enquire concerning further dimensions.

Details of the ems cold room hinged door KTM 80:**Door leaf**

Door leaf thickness 80 mm foamed with PU rigid foam, foaming agent CFC-free and HCFC-free
Vertical butt joint from CW > 1,100 mm

Sealing

Three-sided held in plastic profiles, grease-resistant EPDM insert sealing; EPDM abrasive rubber sealing; all sealings can be easily replaced; Option: Silicone sealing black or white

Door frames installed in brickwork

Brickwork frame (100 x 45 mm) metal-sheeted in the design of the door leaf, foamed with PU rigid foam; with and without threshold; ready to install with assembly material and installation instructions

Door frame with panel installation

Clamp frame (100 x 45 mm) metal-sheeted in the design of the door leaf, foamed with PU rigid foam; 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 industrial colours pursuant to ems colour table

Covering stainless steel design

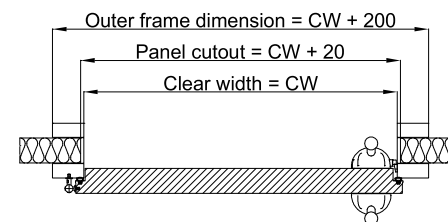
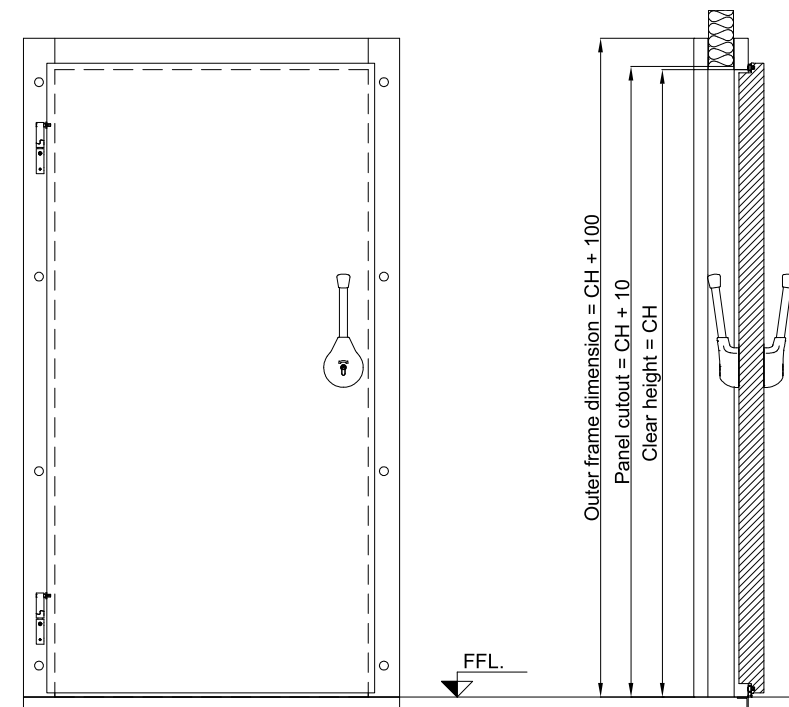
Nickel-chromium steel 1,4301, non-rusting pursuant to DIN 17440; circular-matted, grounded, brushed or pattern-rolled lengthwise (5WL)

Door hardware

Standard design: Rising hinges made of CNS 1,4305, three-dimensional adjustment
ems Press lock with three keys

Options door leaf (on request) i.a.:

- . Door leaf and frame 4-sided
- . Window W x H = 400 x 600 mm (Iso-Glass/stainless steel ledges)
- . Fender
- . 2-winged type
- . Door coordinator, by 2-winged type
- . Overhead door closer
- . Tubular track lead-through
- . Door contact switch
- . Pressure compensation valve
- . Three-point locking
- . Door catcher



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

Figure DIN left! DIN right mirror-inverted!

The exact details for the type of the door frame as well as the threshold installation of the ems cold room hinged door KTM 80 see pages 24 and 25. Other details on request.

Application area

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

Features

U value door leaf in W/m²K 0,20

Dimensions

Clear width (CW): max. 1.500 mm

Clear height (CH): max. 3.000 mm

Please enquire concerning further dimensions.

Details of the ems freezer room hinged door GTM 120:**Door leaf**

Door leaf thickness 120 mm (blast freezer 160 mm), foamed with PU rigid foam, foaming agent CFC-free and HCFC-free; Vertical butt joint from CW > 1.100 mm

Sealing

Three-sided held in plastic profiles, grease-resistant EPDM insert sealing; EPDM abrasive rubber sealing; all sealings can be easily replaced; Option: Silicone sealing black or white

Door frames installed in brickwork

Brickwork frame (100 x 45 mm) metal-sheeted in the design of the door leaf, foamed with PU rigid foam, Fitted, ground level light metal profile threshold with electrical frame and sill heating ready to install with assembly material and installation instructions

Door frame with panel installation

Clamp frame (100 x 45 mm) metal-sheeted in the design of the door leaf with cold interruption profile, foamed with PU rigid foam, Fitted, ground level light metal profile threshold with electrical frame and sill heating; 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 industrial colours pursuant to ems colour table

Covering stainless steel design

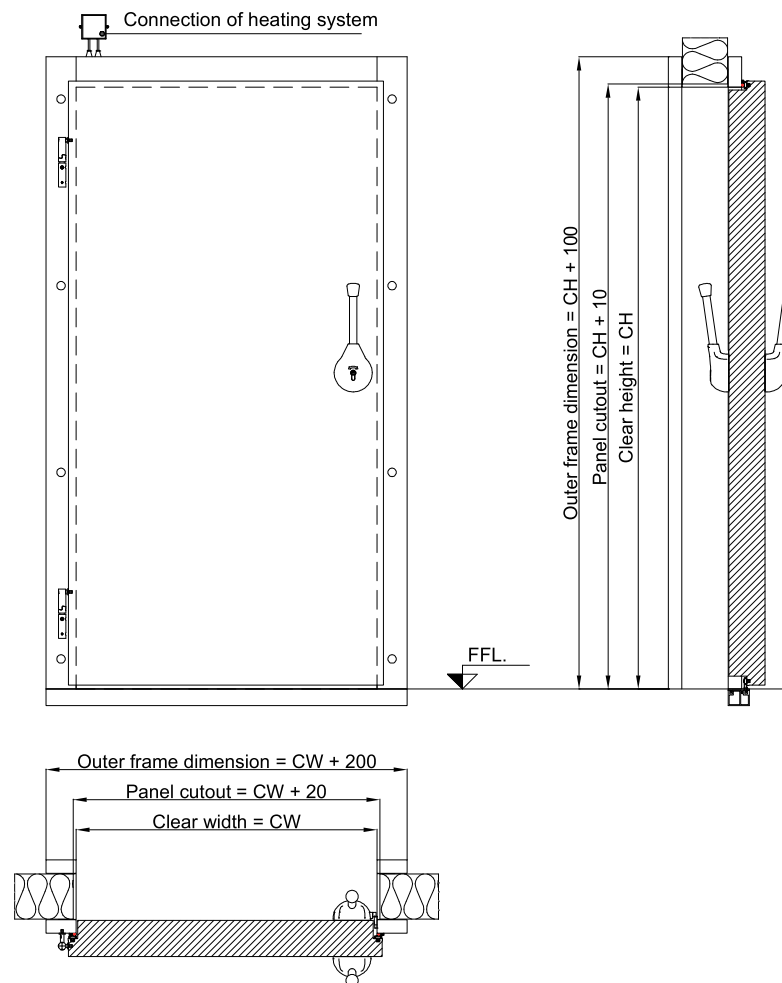
Nickel-chromium steel 1.4301, non-rusting pursuant to DIN 17440; circular-matted, grounded, brushed or pattern-rolled lengthwise (5WL)

Door hardware

Standard design: Rising hinges made of CNS 1.4305, three-dimensional adjustment
ems Press lock with three keys

Options door leaf (on request) i.a.:

- . Door leaf and frame 4-sided
- . Window W x H = 400 x 600 mm
(Iso 3-fold/stainless steel ledges)
- . Fender
- . 2-winged type
- . Overhead door closer
- . Door coordinator, by 2-winged type
- . Heated bottom seal
- . Three-point locking
- . Door contact switch
- . Heated pressure compensation valve
- . Window frame heated
- . Panel-heated window
- . Blast freezer room application
- . Door catcher



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

Figure DIN left! DIN right mirror-inverted!

The exact details for the type of the door frame as well as the threshold installation of the ems freezer room hinged door GTM 120 see pages 26 and 27. Other details on request.