



Hinged Doors

Robust, versatile, reliable.

Cool-Tek hinged doors are the reliable solution for a wide range of applications — from service and cold rooms to freezer and shock-freezer rooms down to -80°C .

With multiple variants, installation options, and configuration possibilities, they can be tailored precisely to meet individual requirements.

Available as single- or double-leaf doors, as well as hatch versions, they stand out with exceptional quality and durability.

They minimize temperature loss, meet the highest hygiene standards, and feature smooth surfaces that are easy to clean.

Robust, versatile, and reliable — Cool-Tek hinged doors are the ideal choice for demanding environments in industry, food processing, and hospitality.

Hinged Doors

Service room hinged door CR FRP

Cold room hinged door CH 80

Freezer room hinged door FH 120

Freezer room hinged door FH 160 - Shock room version

Service room hinged door CR-FRP *Hinged Doors*



Convinces with robustness.

Installation

- Flush with the frame

Hinges

- Kason 1240 - Rising aluminium hinge supplied right-hand but reversible
- Kason 1245 - Reversible cam-rise hinge, self-closing

Optics

- Cool-Tek stainless steel surfaces*



circle matted



mill finished



grounded



SM linen

- Strip galvanized, painted according to RAL color table* with polyester coating



* Other surfaces and colors on request.

Door leaf

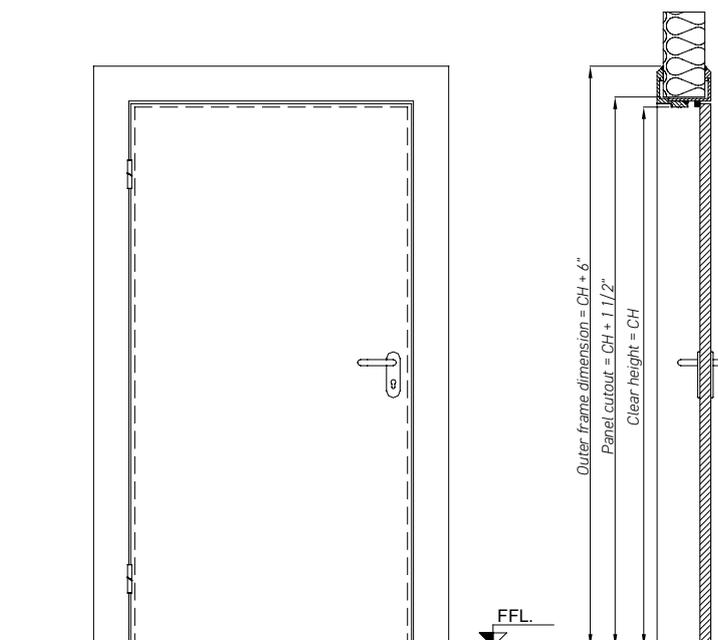
- Foamed with PU rigid foam, CFC-free and HCFC-free

Opening / Closing

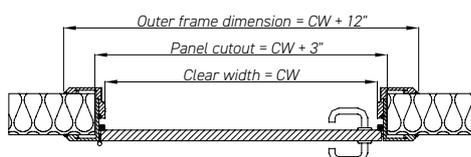
- Kason Safeguard latch
- Inside release handle

Optional:

- Windows available in various sizes and versions
- Available as 1- and 2-leaf version with espagnolette bolt



provisional drawings
to be reviewed





Hinged Doors

CR FRP

Application

Service rooms

Dimensions in inch

1-FLG Max. Width
Max. Height

3 1/2'

7 1/2'

2-FLG Max. Width
Max. Height

7'

7 1/2'

Other formats available on request.

Sheet thickness

1 1/2"

Temperature range

Heating

Model

Stainless steel

Stainless steel V2A (1.4301), V4A (1.4404) to EN 10088-2
Circular matted finish, grounded, SM linen, mill finished (2B)

Galvanized sheet steel

Strip galvanized, quality class Z275,
corrosion protection class III according to DIN EN 10169/10143,
polyester coating 25µm
Industrial colors according to Cool-Tek color table

Hinges

Kason 1240 - Rising aluminium hinge, furnished right hand, can be reversed
Kason 1245 - Reversible cam-rise hinge, self-closing

Windows with stainless steel frame

VSG or polycarbonate, rectangular
VSG or polycarbonate, round

Seals

Side seal

Silicone foam

Bottom seal

TPE teflon-coated, opt. silicone

Fittings

Lever handle set
Lever knob set
Toilet lever handle set
Push-in lock
(opt. panic lock / panic bar)
Electric strike plate
Espagnolette bolt (for 2-leaf version), Overhead door closer

Options Door leaf / Frame

Impact protection, Door contact switch

Frame

Technical details

Block / Panel installation

FRP frame

Fig. 1.1

Technical details

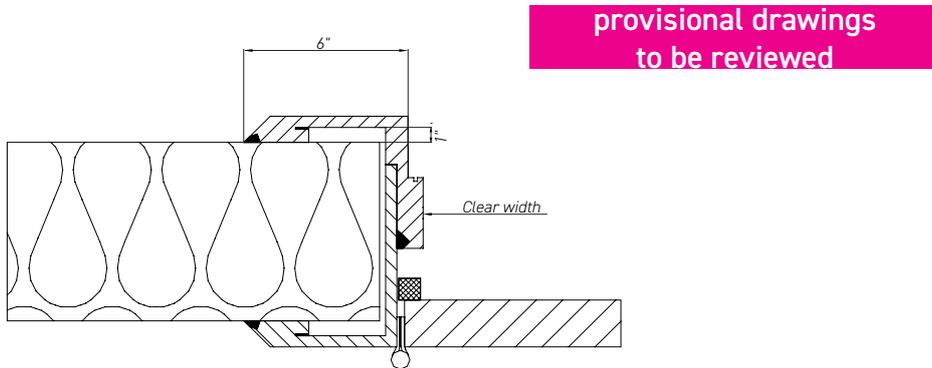


Fig. 1.1 Block / Panel_FRP frame

Cold room hinged door CH 80

Convinces with robustness.

Hinged Doors



Door leaf

- Foamed with PU rigid foam, CFC-free and HCFC-free

Hinges

- Kason 1240 - Rising aluminium hinge supplied right-hand but reversible
- Kason 1245 - Reversible cam-rise hinge, self-closing

Optics

- Cool-Tek stainless steel surfaces*



circle matted



mill finished



grounded



SM linen

- Strip galvanized, painted according to RAL color table* with polyester coating



9010



9002



9006



7016



5010



3000



1023

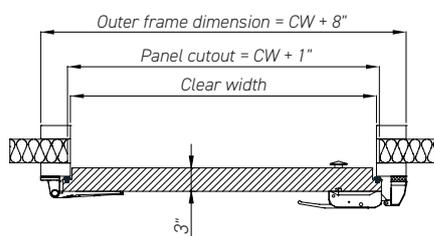
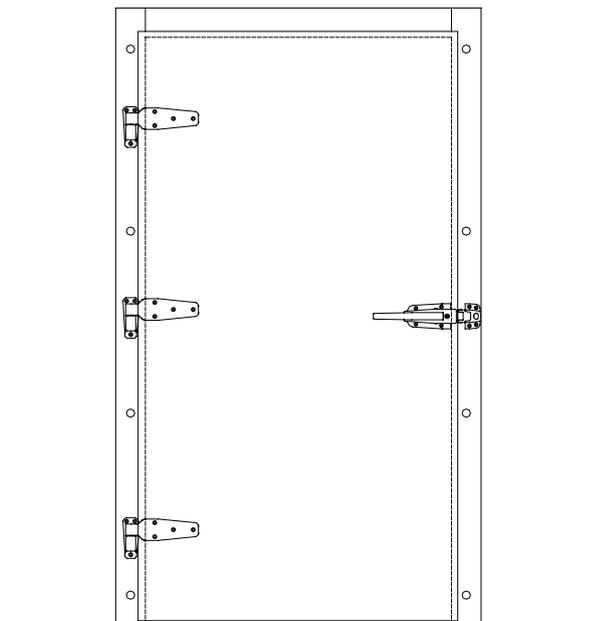
* Other surfaces and colors on request.

Opening / Closing

- Kason Safeguard latch
- Inside release handle

Optional:

- Windows available in various sizes and versions
- Round or rectangular, surface-heated and made of laminated safety glass





Hinged Doors

CH 80

Application

Cold storage rooms

Dimensions

1-FLG Max. Width
Max. Height

5'

15'

2-FLG Max. Width
Max. Height

10'

15'

Other formats available on request.

Sheet thickness

3"

Temperature range

Normal temperature up to 33.8°F

Heating

Model

Stainless steel

Stainless steel V2A (1.4301), V4A (1.4404) to EN 10088-2
Circular matted finish, grounded, SM linen, mill finished (2B)

Galvanized sheet steel

Strip galvanized, quality class Z275,
corrosion protection class III according to DIN EN 10169/10143,
polyester coating 25µm
Industrial colors according to Cool-Tek color table

Hinges

Kason 1240 - Rising aluminium hinge, furnished right hand, can be reversed
Kason 1245 - Reversible cam-rise hinge, self-closing

Windows with stainless steel frame

VSG or polycarbonate, rectangular
VSG or polycarbonate, round

Seals

Side seal

TPE, opt. silicone

Bottom seal

TPE teflon-coated, opt. silicone

Fittings

Kason Safeguard latch
Padlocking provision standard on cylinder locking and non-cylinder models
Inside release handle

Espagnolette bolt (for 2-leaf version), Overhead door closer

Options Door leaf / Frame

Impact protection, Door contact switch, Closing sequence selector (for 2-leaf version)
Door retainer, Door catcher
Pipe track bushing, Cold breaker

Frame

Technical details

Block installation

Flat frame (bracket mounting)

Fig. 1.1

Flat frame (with pocket holes)

Fig. 1.2

Block frame (with pocket holes)

Fig. 1.3

Corner frame (with blockwork anchor)

Panel installation

Clamp frame installation

Fig. 1.5

Technical details

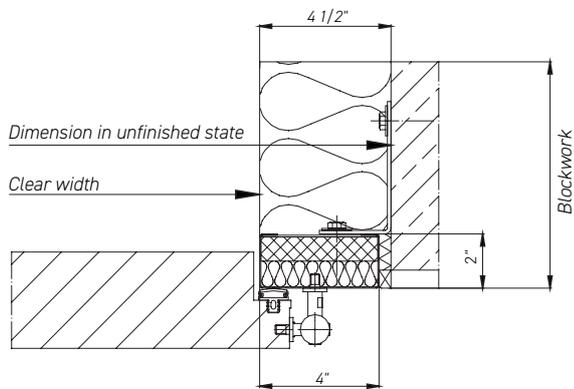


Fig. 1.1 Block / Flat frame with bracket mounting

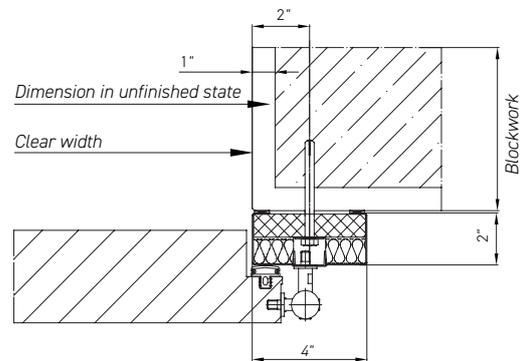


Fig. 1.2 Block / Flat frame with pocket holes

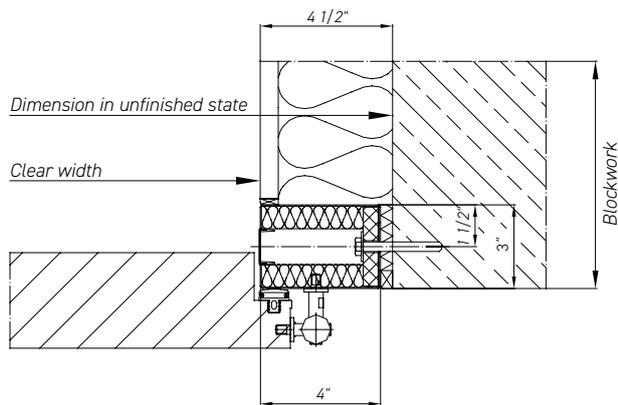


Fig. 1.3 Block / Block frame with pocket holes in the reveal area

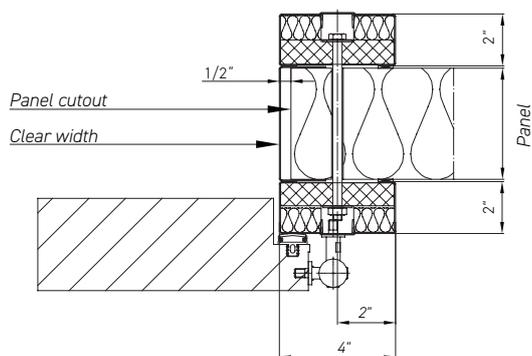


Fig. 1.5 Panel / Clamp frame

Freezer room hinged door FH 120 *Hinged Doors*



Convinces with robustness.

Door leaf

- Foamed with PU rigid foam, CFC-free and HCFC-free

Hinges

- Kason 1240 - Rising aluminium hinge supplied right-hand but reversible
- Kason 1245 - Reversible cam-rise hinge, self-closing

Optics

- Cool-Tek stainless steel surfaces*



circle matted



mill finished



grounded



SM linen

- Strip galvanized, painted according to RAL color table* with polyester coating



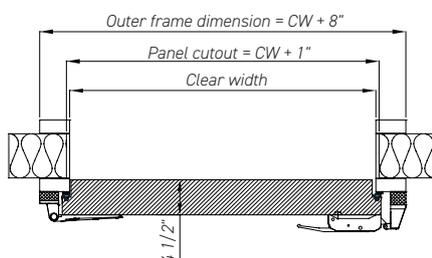
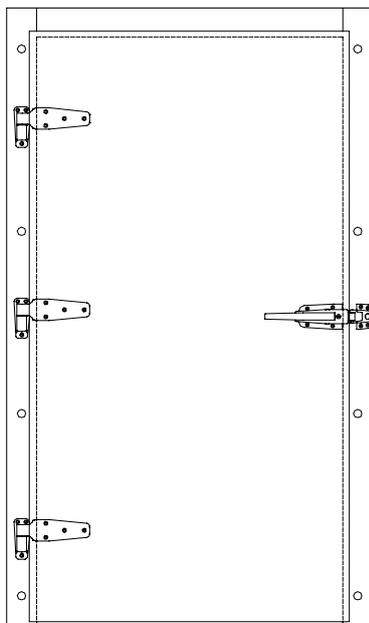
* Other surfaces and colors on request.

Opening / Closing

- Kason Safeguard latch
- Inside release handle

Optional:

- Windows available in various sizes and versions
- Round or rectangular, surface-heated and made of laminated safety glass





Hinged Doors

FH 120

Application

Freezer rooms

Dimensions

1-FLG Max. Width
Max. Height

7'

16'

2-FLG Max. Width
Max. Height

13'

16'

Other formats available on request.

Sheet thickness

4 1/2"

Temperature range

-18.4°F

Heating

Frame heating, opt. Heated floor seal / Circular heating element in the door leaf

Model

Stainless steel

Stainless steel V2A (1.4301), V4A (1.4404) to EN 10088-2
Circular matted finish, grounded, SM linen, mill finished (2B)

Galvanized sheet steel

Strip galvanized, quality class Z275,
corrosion protection class III according to DIN EN 10169/10143,
polyester coating 25µm
Industrial colors according to Cool-Tek color table

Hinges

Kason 1240 - Rising aluminium hinge, furnished right hand, can be reversed
Kason 1245 - Reversible cam-rise hinge, self-closing

Windows with stainless steel frame

ISO-2-fold
ISO-3-fold
(opt. surface heated)

Seals

Side seal

TPE, opt. silicone

Bottom seal

TPE teflon-coated, opt. silicone

Fittings

Kason Safeguard latch
Padlocking provision standard on cylinder locking and non-cylinder models
Inside release handle

Espagnolette bolt (for 2-leaf version), Overhead door closer

Options Door leaf / Frame

Impact protection, Door contact switch, Closing sequence selector (for 2-leaf version)
Door retainer, Door catcher
Pressure equalization valve

Frame

Technical details

Block installation

Flat frame (bracket mounting)

Fig. 1.1

Flat frame (with pocket holes)

Block frame (with pocket holes)

Fig. 1.3

Corner frame (with brickwork anchor)

Panel installation

Clamp frame installation

Fig. 1.5

Technical details

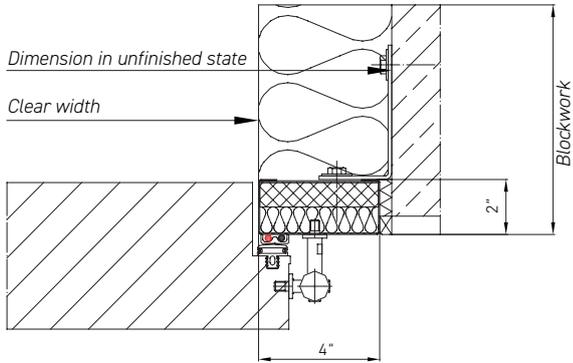


Fig. 1.1 Block / Flat frame with bracket mounting

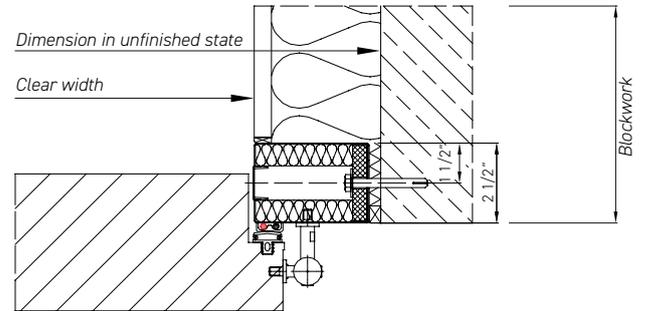


Fig. 1.3 Block / Block frame with pocket holes in the reveal area

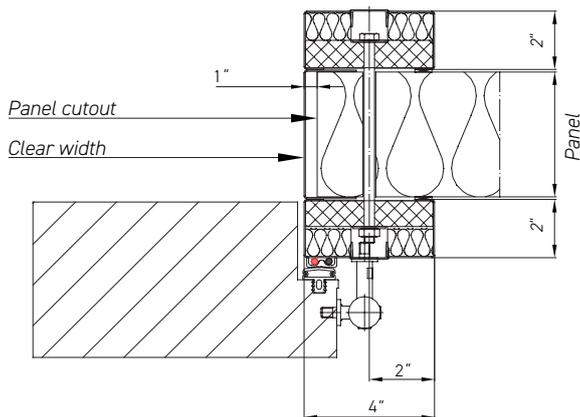
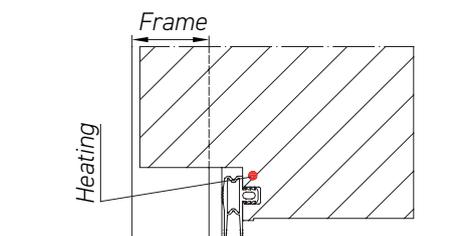
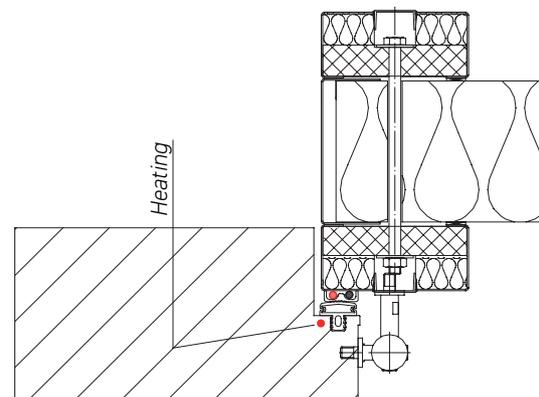


Fig. 1.5 Panel / Clamp frame

Optional Design



Heated floor seal



Circular heating element in the door leaf

Freezer room hinged door FH 160 *Hinged Doors*



Available as shock chamber version.

Door leaf

- Foamed with PU rigid foam, CFC-free and HCFC-free

Hinges

- Kason 1240 - Rising aluminium hinge supplied right-hand but reversible
- Kason 1245 - Reversible cam-rise hinge, self-closing

Optics

- Cool-Tek stainless steel surfaces*



circle matted



mill finished



grounded



SM linen

- Strip galvanized, painted according to RAL color table* with polyester coating



9010



9002



9006



7016



5010



3000



1023

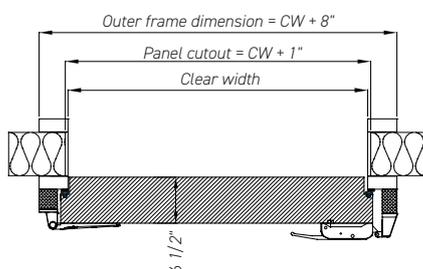
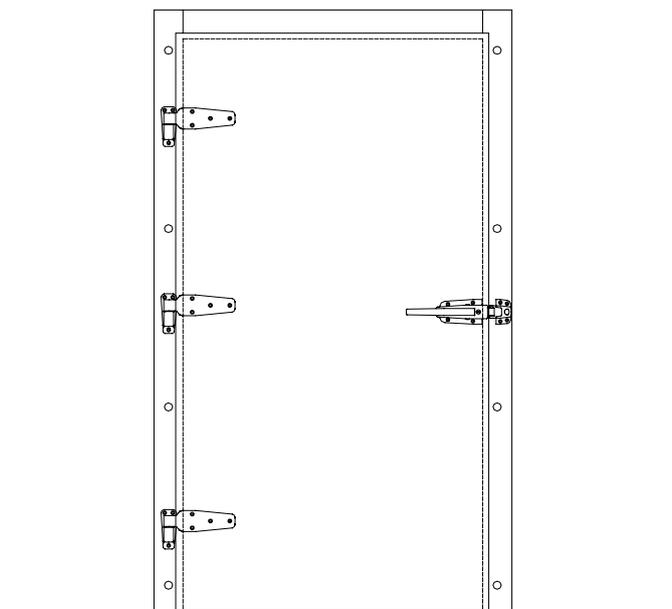
* Other surfaces and colors on request.

Opening / Closing

- Kason Safeguard latch
- Inside release handle

Optional:

- Windows available in various sizes and versions
- Round or rectangular, surface-heated and made of laminated safety glass





Hinged Doors

FH 160

Application

Freezer rooms / Shock room

Dimensions

1-FLG Max. Width
Max. Height

7'

16'

2-FLG Max. Width
Max. Height

13'

16'

Other formats available on request.

Sheet thickness

6 1/2"

Temperature range

-76°F / -112°F

Heating

Frame heating, opt. Heated floor seal / Circular heating element in the door leaf

Model

Stainless steel

Stainless steel V2A (1.4301), V4A (1.4404) to EN 10088-2
Circular matted finish, grounded, SM linen, mill finished (2B)

Galvanized sheet steel

Strip galvanized, quality class Z275,
corrosion protection class III according to DIN EN 10169/10143,
polyester coating 25µm
Industrial colors according to Cool-Tek color table

Hinges

Kason 1240 - Rising aluminium hinge, furnished right hand, can be reversed
Kason 1245 - Reversible cam-rise hinge, self-closing

Windows with stainless steel frame

ISO-2-fold
ISO-3-fold
(opt. surface heated)

Seals

Side seal

TPE, opt. silicone

Bottom seal

TPE teflon-coated, opt. silicone

Fittings

Kason Safeguard latch
Padlocking provision standard on cylinder locking and non-cylinder models
Inside release handle

Espagnolette bolt (for 2-leaf version), Overhead door closer

Options Door leaf / Frame

Impact protection, Door contact switch, Closing sequence selector (for 2-leaf version)
Door retainer, Door catcher
Shock chamber design
Pressure equalization valve

Frame

Technical details

Block installation

Flat frame (bracket mounting)

Fig. 1.1

Flat frame (with pocket holes)

Block frame (with pocket holes)

Fig. 1.3

Corner frame (with brickwork anchor)

Panel installation

Clamp frame installation

Fig. 1.5

Technical details

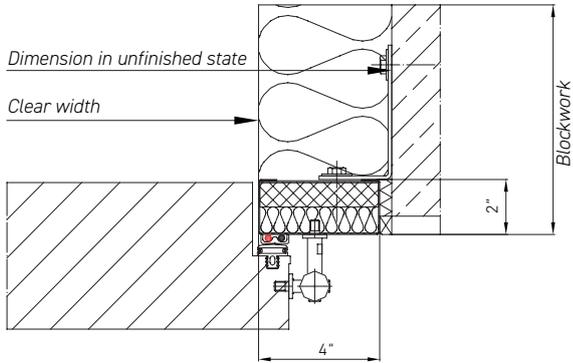


Fig. 1.1 Block / Flat frame with bracket mounting

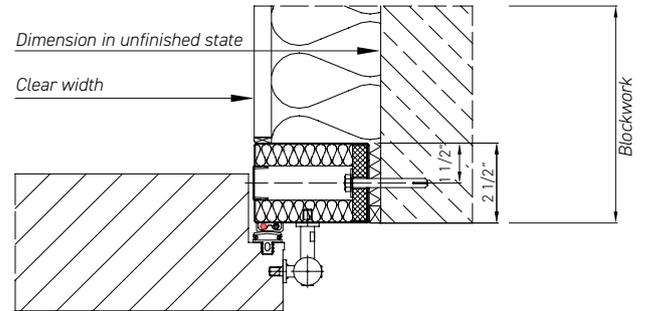


Fig. 1.3 Block / Block frame with pocket holes in the reveal area

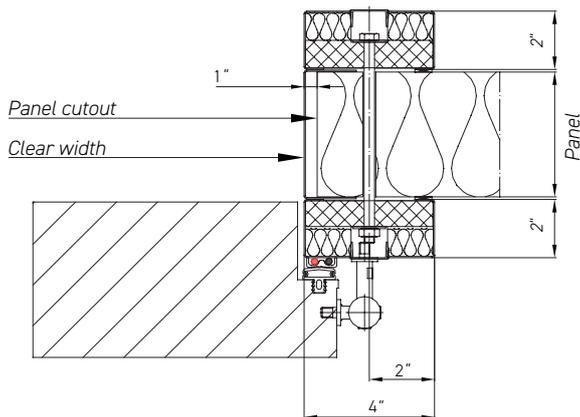
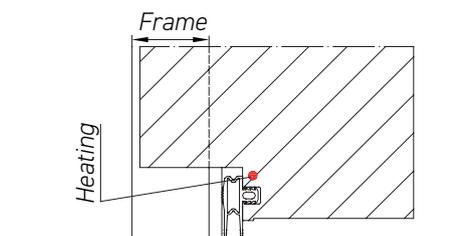
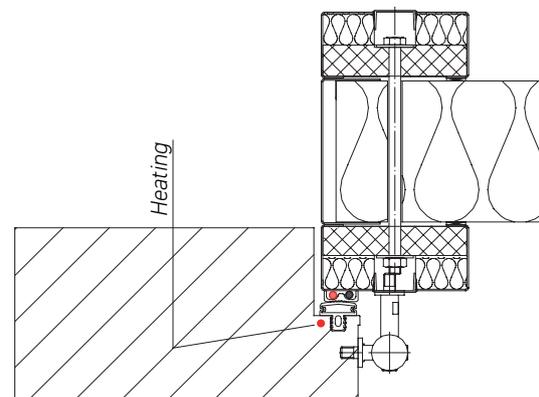


Fig. 1.5 Panel / Clamp frame

Optional Design



Heated floor seal



Circular heating element in the door leaf

Handleless Hinged Doors

Handleless service room hinged door PHL 1

Handleless cold room hinged door CHL 1

Handleless freezer room hinged door FHL 1

Handleless hinged door PHL 1

Hinged Doors



Hygiene at the highest level.

Door leaf

- Foamed with PU rigid foam, CFC-free and HCFC-free
- Handleless, with magnetic closure

Optional:

- Windows available in various sizes and designs upon request

Hinges

- Kason 1240 - Rising aluminium hinge supplied right-hand but reversible
- Kason 1245 - Reversible cam-rise hinge, self-closing

Optics

- Cool-Tek stainless steel surfaces*



circle matted



mill finished



grounded

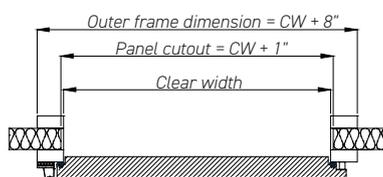
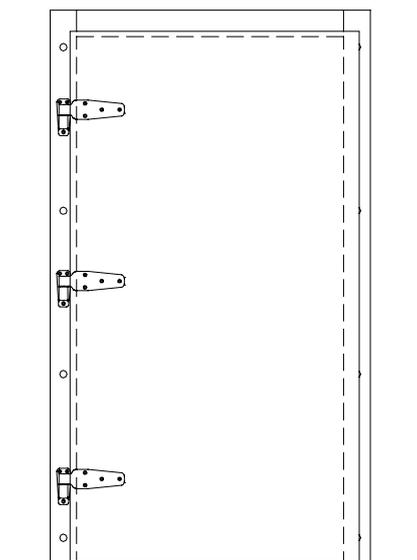


SM linen

- Strip galvanized, painted according to RAL color table* with polyester coating



* Other surfaces and colors on request.





PHL 1

Hinged doors

Application

Service rooms

Dimensions in inch

1-FLG Max. Width

5'

Max. Height

10'

Other formats available on request.

Sheet thickness

3"

Temperature range

Heating

Model

Stainless steel

Stainless steel V2A (1.4301), V4A (1.4404) to EN 10088-2
Circular matted finish, grounded, SM linen, mill finished (2B)

Galvanized sheet steel

Strip galvanized, quality class Z275,
corrosion protection class III according to DIN EN 10169/10143,
polyester coating 25µm
Industrial colors according to Cool-Tek color table

Hinges

Kason 1240 - Rising aluminium hinge, furnished right hand, can be reversed
Kason 1245 - Reversible cam-rise hinge, self-closing

Seals

Side seal

TPE, opt. silicone

Bottom seal

TPE Teflon-coated, opt. silicone

Fittings

opt. Knob

Options Door leaf / Frame

Overhead door closer, Impact protection, Door contact switch,
Door catcher, Door retainer

Frame

Technical Details

Block installation

Flat frame 3.94"x 1.77" (bracket mounting)

Fig. 1.1

Flat frame 3.94"x 1.77" (with pocket holes)

Fig. 1.2

Block frame 3.94" x 2.76" (with pocket holes)

Fig. 1.3

Corner frame (with blockwork anchor)

Fig. 1.4

Panel installation

Clamp frame Installation

Fig. 1.5

Technical details

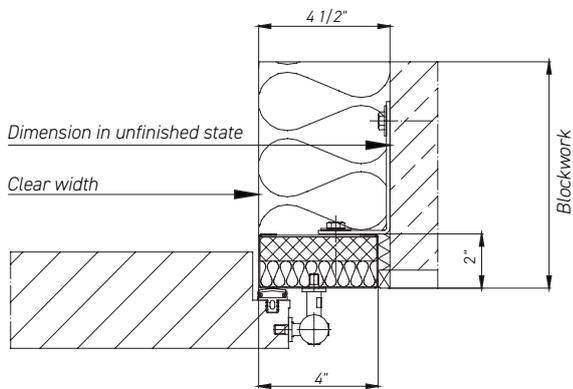


Fig. 1.1 Block / Flat frame with bracket mounting

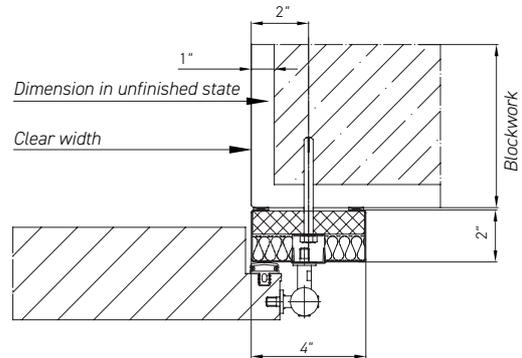


Fig. 1.2 Block / Flat frame with pocket holes

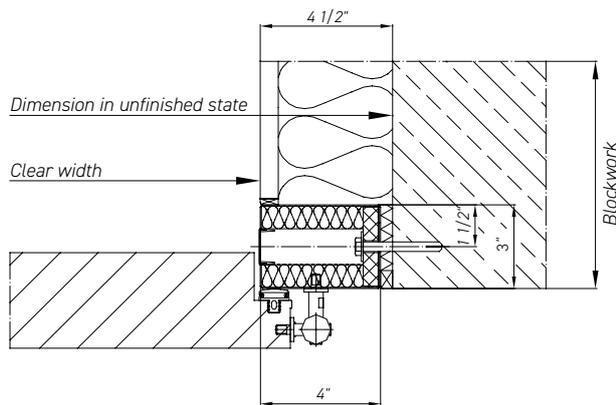


Fig. 1.3 Block / Block frame with pocket holes in the reveal area

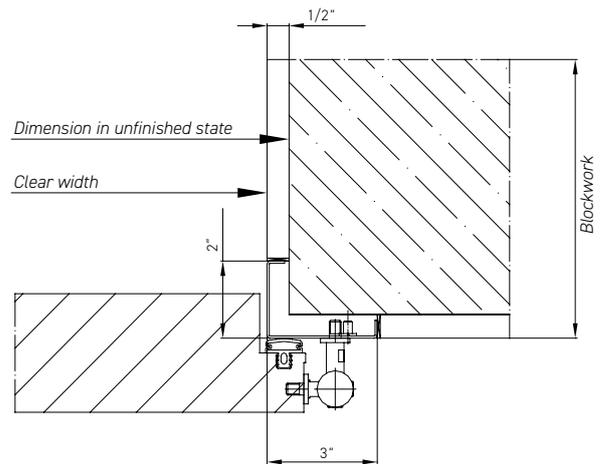


Fig. 1.4 Block / Corner frame with blockwork anchor

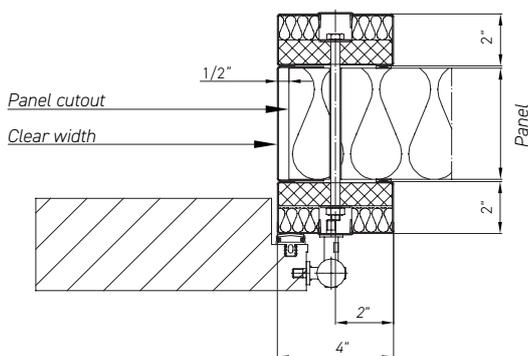


Fig. 1.5 Panel / Clamp frame

Handleless hinged door CHL 1

Hygiene at the highest level.

Hinged Doors



Door leaf

- Foamed with PU rigid foam, CFC-free and HCFC-free
- Handleless, with magnetic closure

Optional:

- Windows available in various sizes and designs upon request

Hinges

- Kason 1240 - Rising aluminium hinge supplied right-hand but reversible
- Kason 1245 - Reversible cam-rise hinge, self-closing

Optics

- Cool-Tek stainless steel surfaces*



circle matted



mill finished



grounded

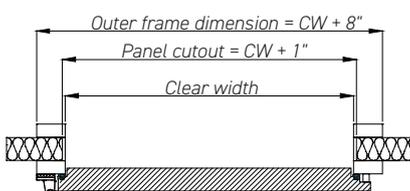
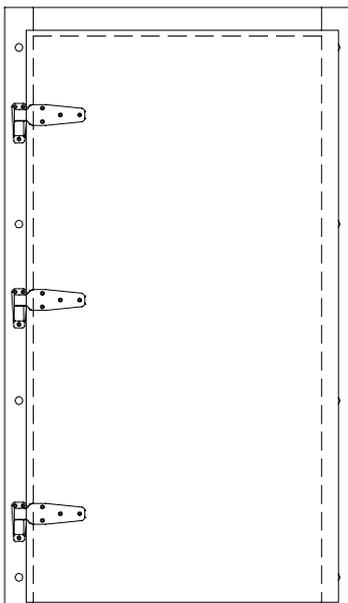


SM linen

- Strip galvanized, painted according to RAL color table* with polyester coating



* Other surfaces and colors on request.





CHL 1

Hinged doors

Application

Cold storage rooms

Dimensions in inch

1-FLG Max. Width

5'

Max. Height

10'

Other formats available on request.

Sheet thickness

3"

Temperature range

Normal temperature up to 33.8°F

Heating

Model

Stainless steel

Stainless steel V2A (1.4301), V4A (1.4404) to EN 10088-2
Circular matted finish, grounded, SM linen, mill finished (2B)

Galvanized sheet steel

Strip galvanized, quality class Z275,
corrosion protection class III according to DIN EN 10169/10143,
polyester coating 25µm
Industrial colors according to Cool-Tek color table

Hinges

Kason 1240 - Rising aluminium hinge, furnished right hand, can be reversed
Kason 1245 - Reversible cam-rise hinge, self-closing

Seals

Side seal

TPE, opt. silicone

Bottom seal

TPE Teflon-coated, opt. silicone

Fittings

opt. Knob

Options Door leaf / Frame

Overhead door closer, Impact protection, Door contact switch,
Door catcher, Door retainer
Cold breaker

Frame

Technical Details

Block installation

Flat frame 3.94"x 1.77" (bracket mounting)

Fig. 1.1

Flat frame 3.94"x 1.77" (with pocket holes)

Fig. 1.2

Block frame 3.94" x 2.76" (with pocket holes)

Fig. 1.3

Corner frame (with blockwork anchor)

Panel installation

Clamp frame Installation

Fig. 1.5

Technical details

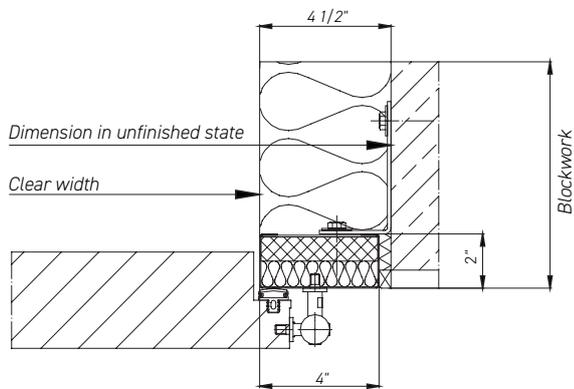


Fig. 1.1 Block / Flat frame with bracket mounting

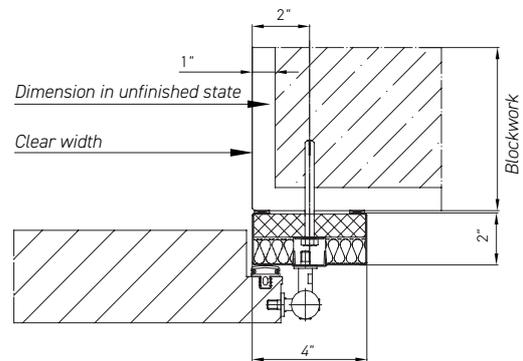


Fig. 1.2 Block / Flat frame with pocket holes

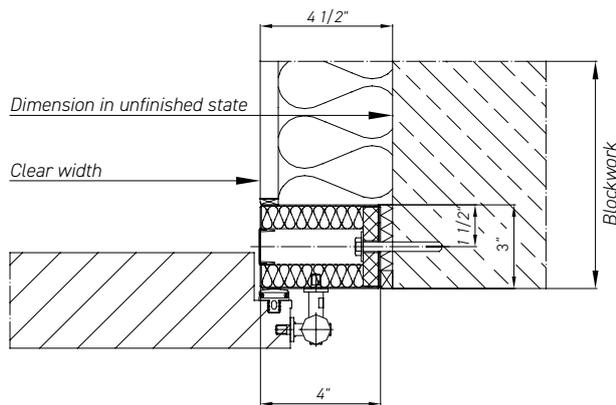


Fig. 1.3 Block / Block frame with pocket holes in the reveal area

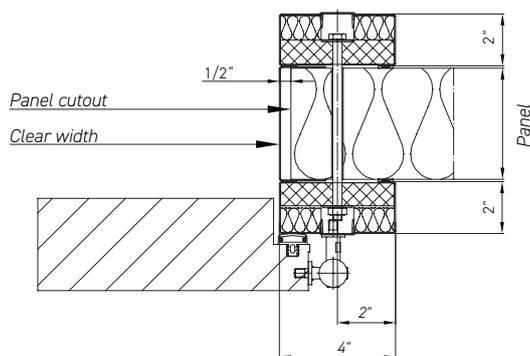


Fig. 1.5 Panel / Clamp frame

Handleless hinged door FHL 1

Hygiene at the highest level.

Hinged Doors



Door leaf

- Foamed with PU rigid foam, CFC-free and HCFC-free
- Handleless, with magnetic closure

Optional:

- Windows available in various sizes and designs upon request

Hinges

- Kason 1240 - Rising aluminium hinge supplied right-hand but reversible
- Kason 1245 - Reversible cam-rise hinge, self-closing

Optics

- Cool-Tek stainless steel surfaces*



circle matted



mill finished



grounded

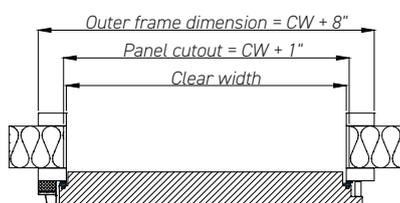
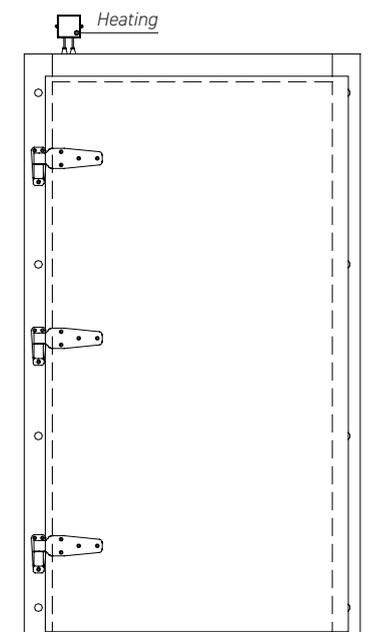


SM linen

- Strip galvanized, painted according to RAL color table* with polyester coating



* Other surfaces and colors on request.





FHL 1

Hinged doors

Application

Freezer rooms

Dimensions in inch

1-FLG Max. Width

5'

Max. Height

10'

Other formats available on request.

Sheet thickness

4 1/2"

Temperature range

up to -18.4°F

Heating

Model

Stainless steel

Stainless steel V2A (1.4301), V4A (1.4404) to EN 10088-2
Circular matted finish, grounded, SM linen, mill finished (2B)

Galvanized sheet steel

Strip galvanized, quality class Z275,
corrosion protection class III according to DIN EN 10169/10143,
polyester coating 25µm
Industrial colors according to Cool-Tek color table

Hinges

Kason 1240 - Rising aluminium hinge, furnished right hand, can be reversed
Kason 1245 - Reversible cam-rise hinge, self-closing

Seals

Side seal

TPE, opt. silicone

Bottom seal

TPE Teflon-coated, opt. silicone

Fittings

opt. Knob

Options Door leaf / Frame

Overhead door closer, Impact protection, Door contact switch,
Door catcher, Door retainer
Pressure equalization valve

Frame

Technical Details

Block installation

Flat frame 3.94"x 1.77" (bracket mounting)

Fig. 1.1

Flat frame 3.94"x 1.77" (with pocket holes)

Block frame 3.94" x 2.76" (with pocket holes)

Fig. 1.3

Corner frame (with blockwork anchor)

Panel installation

Clamp frame Installation

Fig. 1.5

Technical details

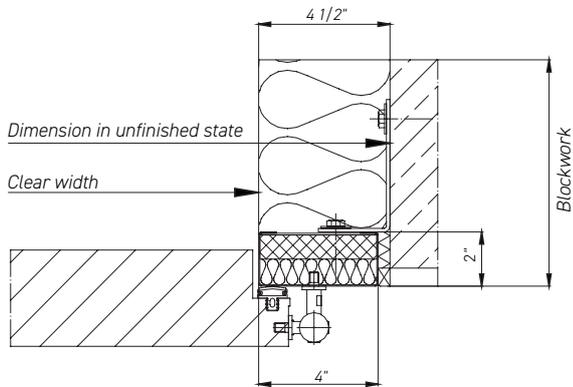


Fig. 1.1 Block / Flat frame with bracket mounting

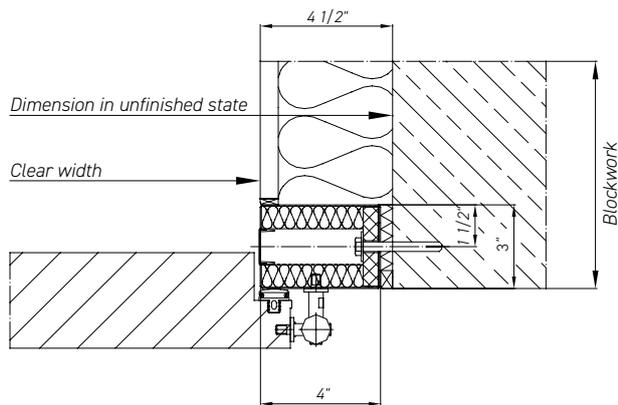


Fig. 1.3 Block / Block frame with pocket holes in the reveal area

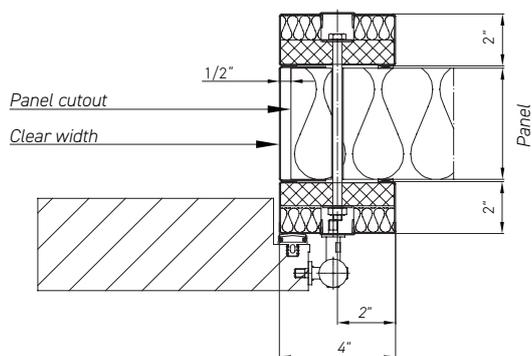


Fig. 1.5 Panel / Clamp frame

Hatches

Cold room hatch CH 80

Freezer room hatch FH 120

Cold room hatch CH 80

Robust, adaptable, reliable.

Hatches



Hatch leaf

- Foamed with PU rigid foam, CFC-free and HCFC-free

Hinges

- Kason 1240 - Rising aluminium hinge supplied right-hand but reversible
- Kason 1245 - Reversible cam-rise hinge, self-closing

Optics

- Cool-Tek stainless steel surfaces*



circle matted



mill finished



grounded



SM linen

- Strip galvanized, painted according to RAL color table* with polyester coating



9010



9002



9006



7016



5010



3000



1023

* Other surfaces and colors on request.

Opening / Closing

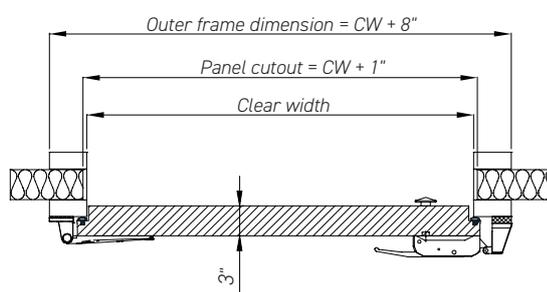
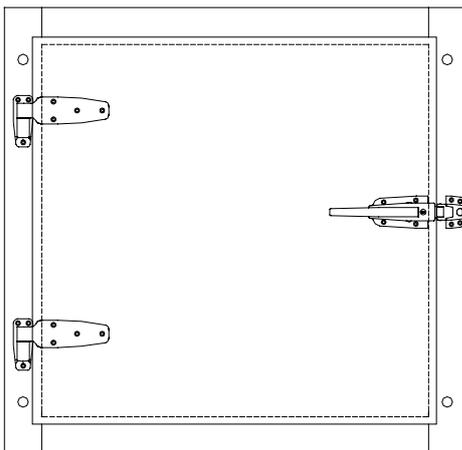
- Kason Safeguard latch
- Inside release handle

Version:

- Inspection hatch
- Ceiling hatch with safety chains

Installation:

- With all-round stop





CH 80

Hatches

Application

Cold storage rooms

Dimensions

Max. Width

3'

Max. Height

3'

Other formats available on request.

Sheet thickness

3"

Temperature range

Normal temperature up to 33.8°F

Heating

Model

Stainless steel

Stainless steel V2A (1.4301), V4A (1.4404) to EN 10088-2
Circular matted finish, grounded, SM linen, mill finished (2B)

Galvanized sheet steel

Strip galvanized, quality class Z275,
corrosion protection class III according to DIN EN 10169/10143,
polyester coating 25µm
Industrial colors according to Cool-Tek color table

Hinges

Kason 1240 - Rising aluminium hinge, furnished right hand, can be reversed
Kason 1245 - Reversible cam-rise hinge, self-closing

Windows with stainless steel frame

VSG or polycarbonate, rectangular
VSG or polycarbonate, round

Seals

Side seal

TPE, opt. silicone

Fittings

Kason Safeguard latch
Inside release handle

Options Hatch leaf / Frame

Safety chains 2 pieces (ceiling hatch)
Cold breaker

Frame

Technical details

Block installation

Flat frame (bracket mounting)

Fig. 1.1

Flat frame (with pocket holes)

Fig. 1.2

Block frame (with pocket holes)

Fig. 1.3

Panel installation

Clamp frame installation

Fig. 1.4

Technical details

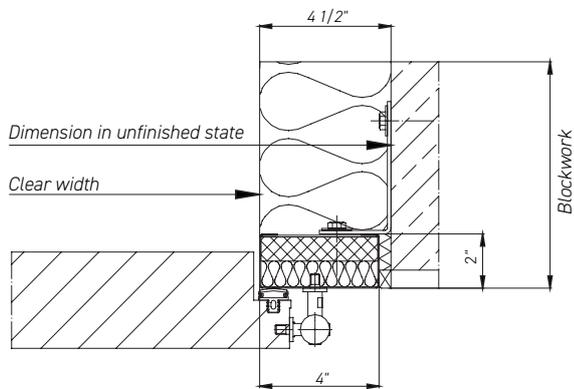


Fig. 1.1 Block / Flat frame with bracket mounting

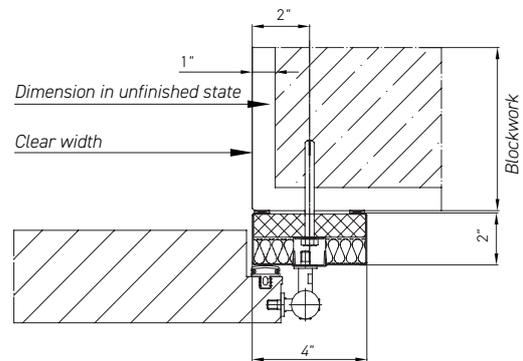


Fig. 1.2 Block / Flat frame with pocket holes

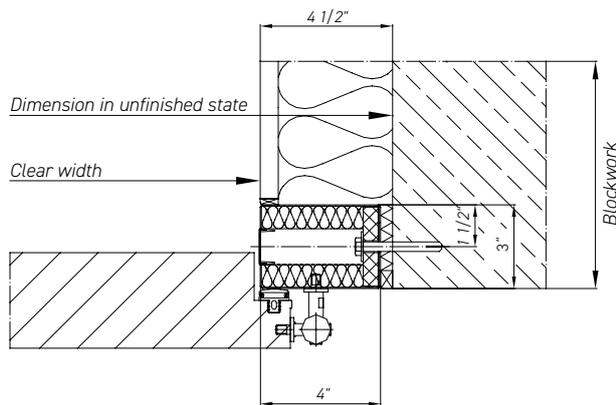


Fig. 1.3 Block / Block frame with pocket holes in the reveal area

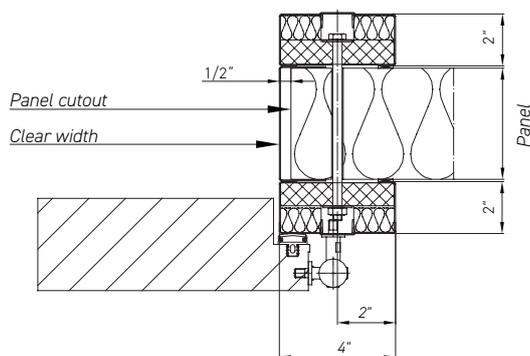


Fig. 1.4 Panel / Clamp frame

Freezer room hatch FH 120

Robust, adaptable, reliable.

Hatches



Hatch leaf

- Foamed with PU rigid foam, CFC-free and HCFC-free

Hinges

- Kason 1240 - Rising aluminium hinge supplied right-hand but reversible
- Kason 1245 - Reversible cam-rise hinge, self-closing

Optics

- Cool-Tek stainless steel surfaces*



circle matted



mill finished



grounded



SM linen

- Strip galvanized, painted according to RAL color table* with polyester coating



* Other surfaces and colors on request.

Opening / Closing

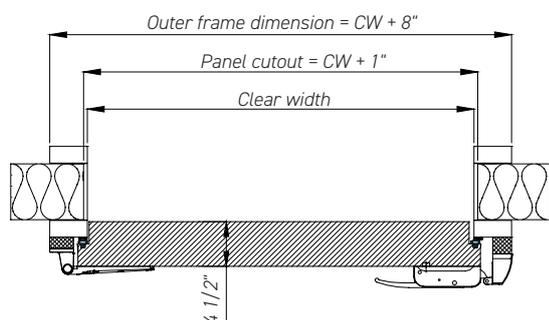
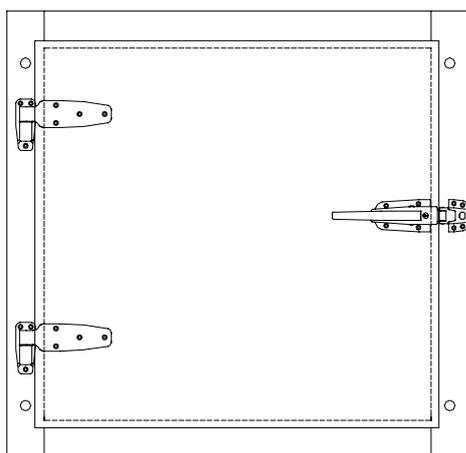
- Kason Safeguard latch
- Inside release handle

Version:

- Inspection hatch
- Ceiling hatch with safety chains

Installation:

- With all-round stop





FH 120

Hatches

Application

Freezer rooms

Dimensions

Max. Width

3'

Max. Height

3'

Other formats available on request.

Sheet thickness

4 1/2"

Temperature range

up to -18.4°F

Heating

Frame heating / Circular heating element in the door leaf

Model

Stainless steel

Stainless steel V2A (1.4301), V4A (1.4404) to EN 10088-2
Circular matted finish, grounded, SM linen, mill finished (2B)

Galvanized sheet steel

Strip galvanized, quality class Z275,
corrosion protection class III according to DIN EN 10169/10143,
polyester coating 25µm
Industrial colors according to Cool-Tec color table

Hinges

Kason 1240 - Rising aluminium hinge, furnished right hand, can be reversed
Kason 1245 - Reversible cam-rise hinge, self-closing

Windows with stainless steel frame

ISO-2-fold
ISO-3-fold
(opt. surface heated)

Seals

Side seal

TPE, opt. silicone

Fittings

Kason Safeguard latch
Inside release handle

Options Hatch leaf / Frame

Safety chains 2 pieces (ceiling hatch)

Frame

Technical details

Block installation

Flat frame (bracket mounting)

Fig. 1.1

Flat frame (with pocket holes)

Block frame (with pocket holes)

Fig. 1.3

Panel installation

Clamp frame installation

Fig. 1.4

Technical details

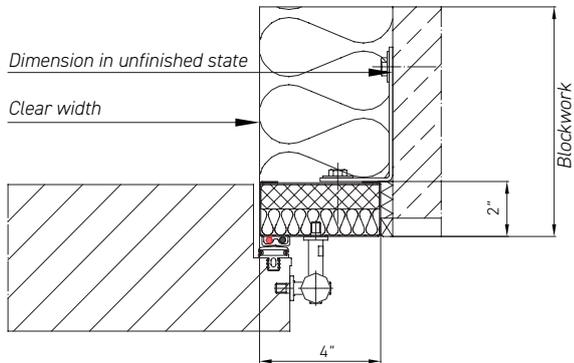


Fig. 1.1 Block / Flat frame with bracket mounting

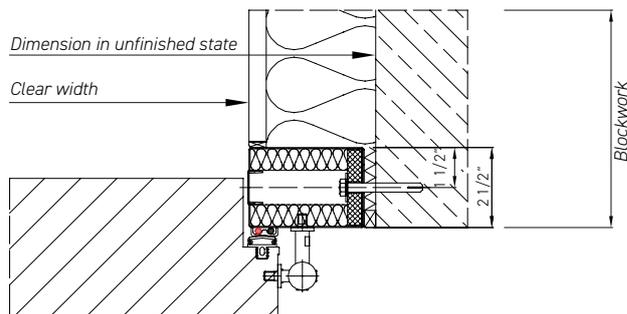


Fig. 1.3 Block / Block frame with pocket holes in the reveal area

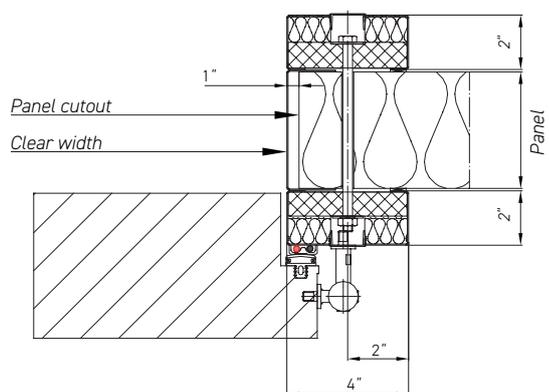


Fig. 1.4 Panel / Clamp frame