

**COLD ROOM DOORS**  
**2017 - 2018**

# catalog



 **igloodoors**

# about

## Quality coldroom doors designed for efficiency

Igloodoors is the flagship product line of Coldroombuilder, a high-end product manufacturer for coldroom systems based in the European Union. This high quality product family we call Igloodoors today was crafted by the constant development of our product line, while delivering more than two thousand coldrooms in the past decade. Using this experience and relying on the feedback of our customers, we created a product that is easy to mount, that withstands extreme mechanical stress and yet is pleasing to the eye.

Thanks to our efficient progression in 2015 Igloodoors established a new manufacturing plant of 1700 m<sup>2</sup>. This plant enables us to produce five thousand doors a year. While constantly growing we are also enhancing the quality of our items too, that are now famous for their durability of years, under extreme usage.

What makes however this product truly unique is the outstandingly competitive prices we are able to maintain. We offer outstanding quality much under the prices you might be familiar with. We believe cost-efficiency should never result in opting for poor workmanship.

HINGED DOORS

# products

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## IDH60

### Recommended for positive temperatures

Our introductory model, IDH60 is a perfect option for a basic cool room environment. If your products need to be stored in cool, yet positive temperature. With its 60 mm thickness, this well-constructed product is the perfect addition to any cool rooms, to maintain a temperature between 12 and 18 degrees.

#### SUITABLE TEMPERATURE RANGES

+12 / +18

#### LEAF THICKNESS

60mm

#### LEAF STRUCTURE

Single leaf with aluminium edges

#### HINGE TYPE

Reinforced rising hinges, adjustable in 3 directions

#### STANDARD LEAF SURFACE

Galvanized steel RAL9002 artice white powder coated

## IDH80

### Recommended for positive temperatures

IDH80 is the door we recommend to be used in cold industries. The 80 mm thick door leaf will make sure to maintain cold room temperature between 0 and 10 degrees. We recommend to use IDH80 in basic cold rooms that are still operating within positive temperature ranges.

#### SUITABLE TEMPERATURE RANGES

0 / +10 C

#### LEAF THICKNESS

80mm

#### LEAF STRUCTURE

Single leaf with aluminium edges

#### HINGE TYPE

Reinforced rising hinges, adjustable in 3 directions

#### STANDARD LEAF SURFACE

Galvanized steel RAL9002 artice white powder coated

## IDH100

### Recommended for negative temperatures

Freezer and deep freezer doors need enhanced performance. IDH100 is built for this challenge with its 100 mm leaf thickness. We recommend this door for freezers operating in negative temperature, precisely between -18 and -22 degrees. This door however is the perfect solution for any negative temperature cold room too.

#### SUITABLE TEMPERATURE RANGES

- 18 / -22 C

#### LEAF THICKNESS

100mm

#### LEAF STRUCTURE

Single leaf with aluminium edges, with self-regulating heating cables

#### HINGE TYPE

Reinforced rising hinges, adjustable in 3 directions

#### STANDARD LEAF SURFACE

Galvanized steel RAL9002 artice white powder coated

## IDH150

### Recommended for negative temperatures

Freezer doors need to be extra resistant to severe temperatures. IDH150 is a massive door to be used in freezers where IQF, blast and deep freezing can occur. The 150 mm thick leaf can maintain extreme cold environments. Choose IDH150 for freezers operating between -25 and -40 degrees.

#### SUITABLE TEMPERATURE RANGES

- 25 / -40 C

#### LEAF THICKNESS

150mm

#### LEAF STRUCTURE

Single leaf with aluminium edges with self-regulating heating cables, heated door frame, safety heating lines

#### HINGE TYPE

Reinforced rising hinges, adjustable in 3 directions

#### STANDARD LEAF SURFACE

Galvanized steel RAL9002 artice white powder coated



SLIDING DOORS

# products

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## IDS60

### Recommended for positive temperatures

Our introductory model, IDS60 is a perfect option for a basic cool room environment for a temperature between 12 and 18 degrees. We recommend sliding doors if easy access for large vehicles to your coldroom is important. This enhanced mobility will accelerate key processes in your business.

#### SUITABLE TEMPERATURE RANGES

+12 / +18

#### LEAF THICKNESS

60mm

#### LEAF STRUCTURE

Single leaf with aluminium edges

#### SLIDING RAIL TYPE

Heavy duty aluminium rail

#### WHEELS

Ball bearing, reinforced, big diameter rollers

#### DOOR OPENERS

Composite fix opener up to 1300mm, 1300+ stainless steel lever handle

#### STANDARD LEAF SURFACE

Galvanized steel RAL9002 artic white powder coated

## IDS80

### Recommended for positive temperatures

IDS80 is the door we recommend to be used in cold industries. The 80 mm thick door leaf will make sure to maintain cold room temperature between 0 and 10 degrees. The sliding function maintains quick and easy access. We recommend IDS80 in basic cold rooms that are still operating within positive temperature ranges.

#### SUITABLE TEMPERATURE RANGES

0 / +10 C

#### LEAF THICKNESS

80mm

#### LEAF STRUCTURE

Single leaf with aluminium edges

#### SLIDING RAIL TYPE

Heavy duty aluminium rail

#### WHEELS

Ball bearing, reinforced, big diameter rollers

#### DOOR OPENERS

Composite fix opener up to 1300mm, 1300+ stainless steel lever handle

#### STANDARD LEAF SURFACE

Galvanized steel RAL9002 artic white powder coated

## IDS100

### Recommended for negative temperatures

A sliding door for freezers and deep freezers with enhanced performance. We recommend this door for freezers operating in negative temperature, precisely between -18 and -22 degrees. With its 100 mm leaf thickness IDS100 will guarantee the necessary insulation, and will allow easy access to your freezer.

#### SUITABLE TEMPERATURE RANGES

- 18 / -22 C

#### LEAF THICKNESS

100mm

#### LEAF STRUCTURE

Single sliding leaf with aluminium edges, with self-regulating heating cables

#### SLIDING RAIL TYPE

Heavy duty aluminium rail

#### WHEELS

Ball bearing, reinforced, big diameter rollers

#### DOOR OPENERS

Composite fix opener up to 1300mm, 1300+ stainless steel lever handle

#### STANDARD LEAF SURFACE

Galvanized steel RAL9002 artice white powder coated

## IDS150

### Recommended for negative temperatures

Freezer doors need to be extra resistant to severe temperatures. IDS150 is a massive door to be used in freezers where ICQ, blast and deep freezing can occur. The 150 mm thick leaf can withstand extreme cold environments. Choose this sliding door for freezers operating between -25 and -40 degrees.

#### SUITABLE TEMPERATURE RANGES

- 25 / -40 C

#### LEAF THICKNESS

150mm

#### LEAF STRUCTURE

Single sliding leaf with aluminium edges, with self-regulating heating cables

#### SLIDING RAIL TYPE

Heavy duty aluminium rail

#### WHEELS

Ball bearing, reinforced, big diameter rollers

#### DOOR OPENERS

Composite fix opener up to 1300mm, 1300+ stainless steel lever handle

#### STANDARD LEAF SURFACE

Galvanized steel RAL9002 artice white powder coated

# dimensions

## HINGED DOORS

### Custom sizes available

Doors are available in every size, feel free to contact us about your special request without an additional charge. Our door sizes need to fall between the maximum range of 1200mm in width and of 3000mm in height. The minimum range is of 500mm in width and of 500mm of height.

### STANDARD DIMENSIONS

800x1900	1000x2500
900x2100	1100x2100
900x2500	1200x2300
1000x2100	1200x2500

## SLIDING DOORS

### Custom sizes available

All sizes are available, feel free to contact us about your special request for no additional charge. Our door sizes need to be between the maximum range of 2900mm in width and of 3500mm in height. The minimum range is of 700mm in width and of 1800mm of height.

### STANDARD DIMENSIONS

900x1900	1500x2300
900x2100	1900x2300
1300x2100	2000x2500



# features

 igloodoors



# FEATURES

## Heavy duty hinge

Igloodoors are secured with extremely reliable hinges with composite body and inner mechanics completely steel, that are therefore corrosion resistant. In order to achieve tight closure, we installed an uprising technology. With this, the door leaf is raised when being opened, hence friction with the floor is avoided. For the perfect fit, hinges can be adjusted in three directions.





### Heavy duty bulk door leaf

The main duty of a coldroom door is insulation while allowing easy and smooth access. Our doors perfectly satisfy these tasks in harmony. They are equipped with massive heavy duty bulk leafs, that enhance insulation. Furthermore, they are enforced with high quality aluminium edges for full protection. The doors withstand extreme physical stress, yet they are easy to open and close.

## FEATURES

# FEATURES

## Easy to mount

Thanks to our company's significant experience in building coldrooms, we are aware of the nuances of this product. We know how an effective coldroom looks like, so we developed our doors to be easy to install. For the installation of Igloodoors you will not be in the need of a professional. It only requires minor expertise and can be done in less than an hour.





### Custom sizes

Igloodoors is offering more than ten of standard sizes of each model. Should you however be in the need of a completely unique size, we are happy to comply. Furthermore, we offer the same delivery time of custom sized door as with standard sizes. Do not hesitate to approach us with your unique requests and we are happy to satisfy your needs.

## FEATURES

# FEATURES

## Premium quality EPDM sealings

Igloodoors is proud to use the best quality rubber sealings in its products. We are not satisfied with average solutions, so we set the goal to triple the lifetime of average rubber seals. As a result of this continuous consultation and efforts with our European suppliers we were able to develop the best EPDM quality for the rubber sealings used in Igloodoors.



### **Designed for everyday use**

Curability and utility is among our main goals when designing our products. According to an independent test facility, Igloodoors are durable to an over 50 000 cycles. We know the level of stress coldroom doors can be exposed to on a daily basis. In order to withstand all this, our doors provide mechanical resistance to vertical loads of 800 Newtons. For extended durability we install aluminium door edges.

## **FEATURES**



# FEATURES

## Fits to any wall construction

We know coldrooms are not the same, so we designed our doors to fit any wall construction. Be it sandwich panels, built walls, plasterboards or corner joints, the thickness and material of your coldroom will not be an issue with Igloodoors. Our doors can be installed into walls ranging from 40 Millimeters to even more than a meter wall thickness.







### Complete safety

The safety of your employees is an important measure for us when designing our products. Igloodoors can always be opened from the inside. Therefore, it is impossible to lock someone in, even if the door is locked from the outside. We also offer security locks and include keys with our products.

## FEATURES

# FEATURES

## Premium isolation

Coldroombuilders apply solely the highest-quality materials so you can achieve the best results with our products. Isolation is a key issue with coldroom doors. With 42 kg/m3 PIR insulation core inside, we have chosen the perfect materials that allows us to maintain temperature.



### Standard coatings

For extended protection we ship our doors standard with coating. Galvanized steel panels are RAL9002 powder coated that adds a 25-micron extra thickness to door panels. Coating makes the door resistant to the damages during everyday usage. It also enables easy and quick cleaning. Before shipping protection foil is applied to the door so damages can be avoided during transportation.

## FEATURES



# FEATURES

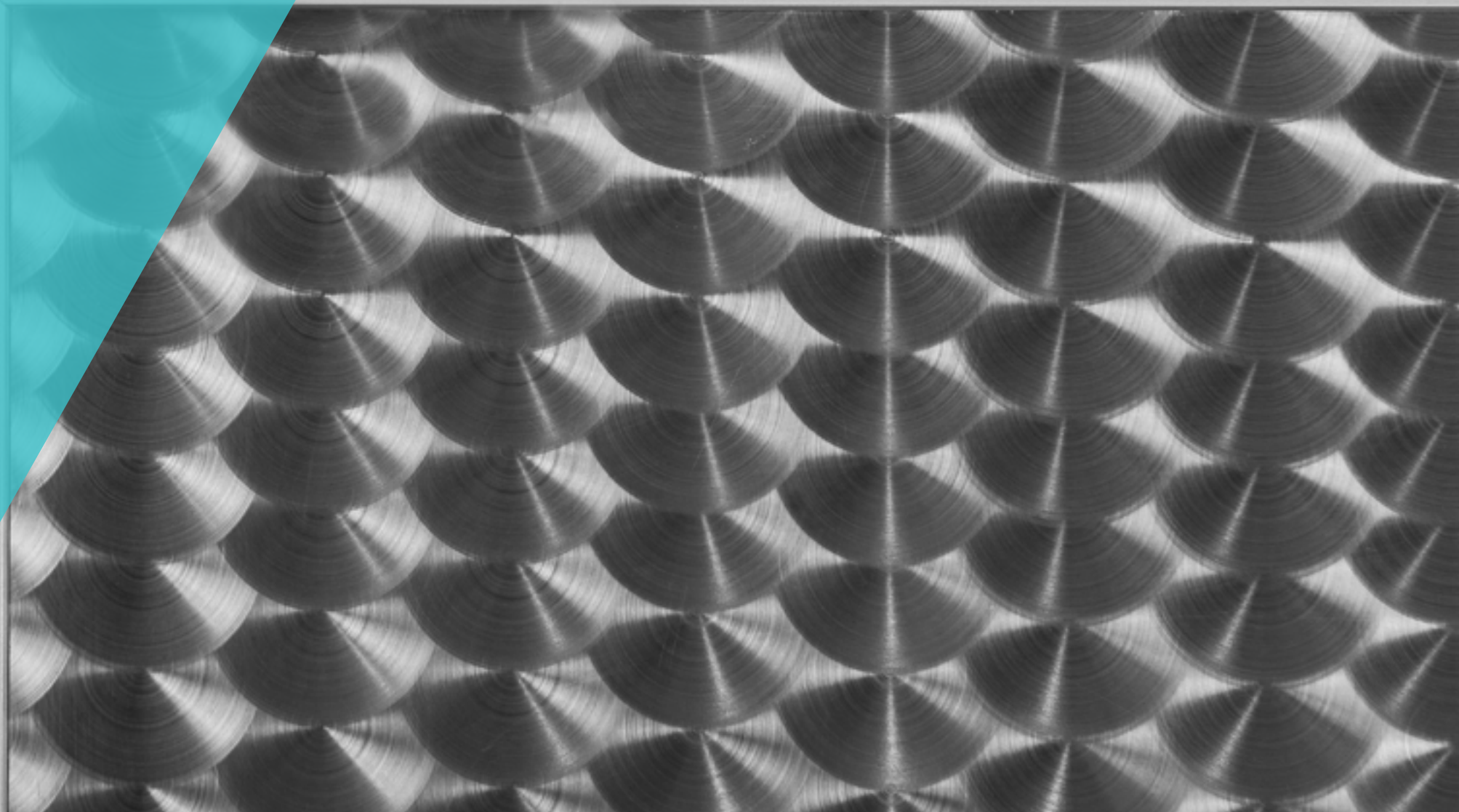
## Self-regulated heating

We equip our doors with self-regulating door leaf heating. Due to the significant temperature-difference between the inside and the outside of a coldroom, doors need to adjust, to avoid cold bridges and condensation. In Igloodoors a single cable replaces all your references and resistances. This technology helps you save on electricity bills about a hundred euros per door compared to conventional heating cables.



Options

# options



# OPTIONS



### Creative coatings

Igloodoors come with a standard coating, you can however choose from a wide range of options. For a more premium look and extended durability opt for Stainless Steel, which is available in three versions: scale pattern, brushed steel or matte. For an elegant look you may choose from the Natural Wood covers from Formica®.



### Meat railing

In order to help the flow of heavy products in and out of the coldroom, railing systems can be installed with our doors. Igloodoors therefore will not be an obstacle but rather become an integrated element of the production chain. This feature can be extremely useful when handling meat, that is transported and stored in a hanging position.

### Threshold

We are proud to offer personalized solutions to all of our customers. Every type of Igloodoors can be requested with or without a threshold, depending on the nature of the environment of installation and the means of usage.



### Stainless steel hardware

For premium looks and extra durability, our doors can be constructed 100% of stainless steel. Upon request every single plastic or composite material can be replaced with stainless steel including locks and hinges.



### Motor driven opening

Motor driven opening can be installed with our sliding doors for the perfect comfort of entering your coldroom. This feature also heavily increases the speed of production.



### Built in window

In some work environment it is particularly important being able to look into the coldroom without constantly opening its doors. A window can be built into the door for this purpose upon request.



# delivery

## 2-4 weeks from payment to shipping

We are proud to offer a quick manufacturing process. After payment your product is ready to be shipped in 2-4 weeks. By default, we offer shipping under EXW terms, so our products are ready for pickup at our place of business. Further delivery options however are available upon customer request.

## Worldwide delivery

In case you need your products delivered to your door, no distance or scale is a problem for us. Our professional and experienced partners in logistics offer perfectly reliable delivery options to any country in the world. Feel free to contact us about your custom requests.

## Careful packaging

Securing your product is important to us even after the manufacturing process and through shipping. We carefully pack all our products, so they make it to you without any damage. Protecting foil is applied before shipping for complete safety during delivery.

# support

## 1-year warranty

We are proud to stand by the quality of everything we create. We don't abandon our customers once we delivered, but a one-year warranty is offered to all of our products by default. For extra security and prolonged care, extended warranty is available upon request.

## Spare part inventory

The benefits of ordering right from the manufacturer is that we keep every component of our products on stock. Should there be any failure or attrition in your coldroom doors, spare parts can be ordered right away from us, with fast delivery.

## Customer service

Responsibility is not lost; we care for our customers to a great deal. Furthermore, as the manufacturers of our products, we have the best and most efficient solution to any occurring problem. We offer a full-scale customer service, based on the comprehensive knowledge of our experts who designed these products.



COMPANY NAME

**Hűtőépítő Kft.**

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VAT NUMBER

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**YOUR DISTRIBUTOR**

