

1. Product description

The ISO.light segment curtain is part of the *temptec* family of insulating systems. These offer the greatest energy cost savings during loading and unloading, when work is interrupted and during the journey.

It is possible to set up different temperature ranges within a vehicle.

This means the space that is to be cooled can be adjusted flexibly to correspond with the loading volume.



Fig. 1: ISO.light, 3-piece, one segment pivoted under the roof

The insulating systems also have an air exchange minimising effect.

The exchange of air between the interior and exterior is minimised. Therefore, less warm, moist air can enter; the icing up of the cooling aggregate is reduced and its efficiency is improved.

This leads to a significant reduction in energy costs. For the greater benefit of the quality of the goods, the interruption due to the de-icing of the cooling aggregate is markedly reduced.

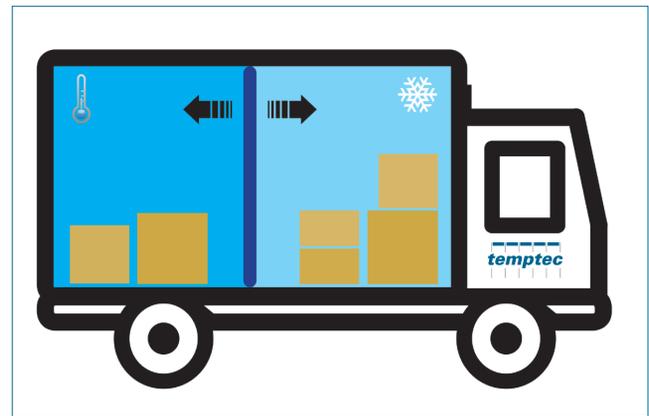


Fig. 2: Flexible chambers with different temperatures

2. Product features

The ISO.light is an insulating curtain system made of material that is food-safe on both sides that can be moved sideways and is sealed at all sides. It is filled to the body floor with a flexible 20 mm special insulation and can be easily operated by hand.

The individual segments can be easily moved sideways on a sliding rail.

If requested, the product is also available in a model that can be moved backwards and forwards lengthwise to the end wall. This means the area that is to be cooled can be changed flexibly in length. The same applies to the driver's movement area during loading, cleaning and disinfecting.

The use of the ISO.light with the lengthwise moveable facility enables the cooling chamber to be divided into different temperature ranges.

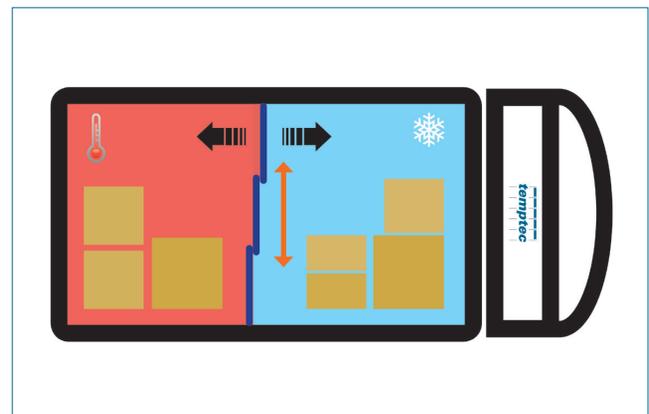


Fig. 3: Flexible reduced cooling space and separation of warm, soiled empty containers



Fig. 4: ISO. light, pivoted upwards in the body towards the front

If required, the ISO.light can also be equipped with an upward pivot. This maximises the driver's freedom of movement. If the pivoting is within the body upwards under the roof, (front or rear direction possible), the individual segments are held under the roof by a magnet holder.

All versions can be assembled to the roof self-supporting between the side panels without reinforcement. Pre-assembled components facilitate quick and uncomplicated installation. Easy assembly and modification at a later date are also possible.



Fig. 5: ISO. light, pivoted upwards in the body towards the front



Fig. 6: ISO. light, pivoted upwards in the body towards the rear

3. Product versions

The following product versions are available:

- ISO.light, 3-piece, moveable sideways to the left and to the right
- ISO.light, 2-piece moveable sideways to the left and to the right, for delivery vans only
- Customised solutions

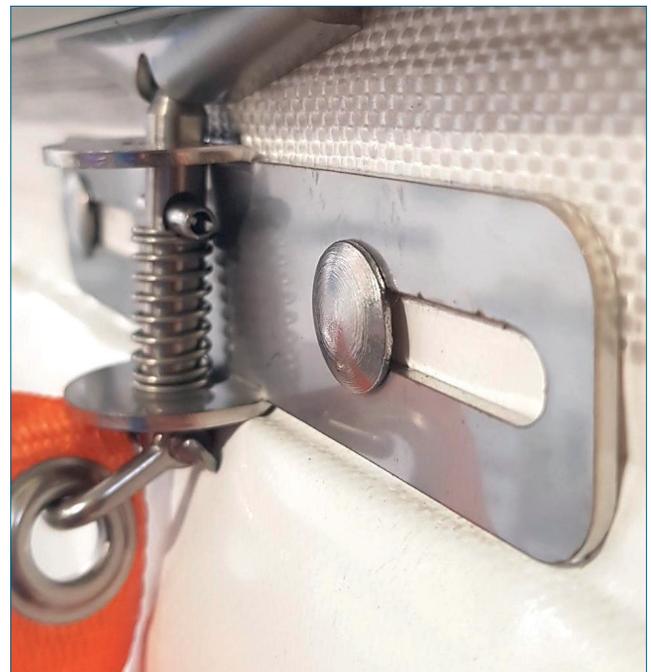


Fig. 7: ISO. light, mechanical trap / bolt guide

4. Options

You can select from the following options:

- ISO.light that can be moved backwards and forwards lengthwise to the end wall (not suitable for delivery vans)
- ISO.light that can be pivoted upwards under the roof, including magnet holder
- Curtain widths and heights that deviate from the standard measurements
- Curtain in blue or other colours (standard: white) and with advertising
- Sealing up to the roof (in various heights)
- Mechanical traps for additional fixation of the segments

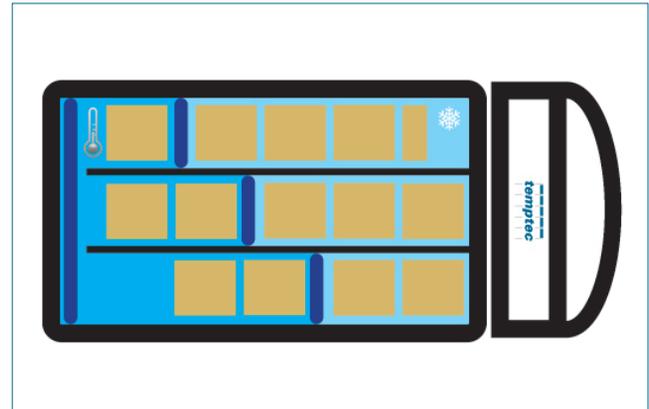


Fig. 8: ISO. light, (air exchange minimiser at rear) in combination with ISO.top (insulation of two ore more temperature ranges)

5. Specifications

Range of temperature (inside)	up to -35 °C
Curtain width (standard)	2.45 m – 2.51 m
Curtain height (standard)	up to 2.40 m
Segment curtain thickness	approx. 22 mm
Segment curtain material	PVC sheet, both sides food-safe, high tear resistance due to fabric reinforcement, highly resistant to cold temperatures, white
Segment curtain filling material	flexible special insulation, 20 mm
Sheet, bearings, screws, bolts material	stainless steel V2A

Sliding rail material	aluminium, anodised
Installation height under roof	approx. 60 mm
Additional installation height under roof (with lengthwise moveable facility)	+ approx. 20 mm
Weight 3-piece	approx. 25 kg
Weight 2-piece (for delivery vans only)	approx. 15 kg
Weight lengthwise moveable facility	+ approx. 15 kg
Weight longitudinal rail for lengthwise moveable facility, 1 pair, per m	+ approx. 4 kg / m
Weight facility for upward pivoting (3-piece)	+ approx. 12 kg

6. General information

The **temptec** products are being continually developed. Adjustments to the technology, design and equipment by the manufacturer are reserved. No claims can be made based on the content of this document. Not all versions and details have been described.

Should you have any queries regarding the type, quality and function of the products, please contact **temptec** or one of their contractual partners. Please strictly observe the safety instructions in the relevant **temptec** installation and operating instructions.



Fig. 9: ISO. light, as a strip curtain (customised)