

# CHILLER BLIND for cold storage chambers and freezers

Energy saving

Just mount it above an entrance door! Easy to mount!

Efficient curtain attaching with user-friendly characteristics



## 1 Easy to use

- Open very easily because it is remarkably light (1/5 of opening force as compared to UNIFLOW's SLIT CURTAIN).
- The hanging sheets does not freeze (freezer).

## 2 Energy saving

- Reduced exterior air penetration load.
- Reduced defrosting time due to decreased frosting of condensers.

## 3 Keeping inside temperature constant

- Prevention of alarm activation due to temperature changes.
- Decreased frosting of shelves and stored articles in the cold storage chamber.

## 4 Easy to install

- Only adhesive tape and five screws are required for installation.
- The sheet can be attached and detached with just a single move.

### Example calculation of energy saving effect

		Annual energy saving amount (KWh/year)
Cold storage chambers		980
Freezer	Without a front chamber	2,914
	With a front chamber	899

Just attaching it to the door frame of a cold storage chamber enables you to save energy of approximately **2,914 KWh a year!**\*

※Conditions for example calculation:

- Door opening: W900 x L2000(mm)
- Door opening/closing

Cold storage chamber: 4 times/hour, 30 sec per each coming and going, operating hours:12 hours/day

Freezer: 2 times/hour, 30 seconds per each coming and going, operating hours: 12 hours/day

• With a front chamber: It refers to the case of entry from the cold storage chamber to freezer.

• Estimation based on the total floor area of more than 13.22 m<sup>2</sup> including the cold storage chamber and freezer. If the floor area is smaller, the power saving effect decreases.

\*The above-mentioned energy saving effect is an estimated value only, and it is not guaranteed.

# Specification

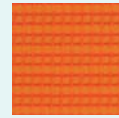
## ● Basic specification

Temperature	-25°C ~ +30°C (cold storage chamber and freezers)
Material	Sheet: PVC (Insect-proof orange / Transparent) Thickness 0.77mm
	Polyester yarn encapsulated vinyl sheet (Pitch 4mm)
	Base/sheet fixing portion: PVC
	Slip stopper: SUS 0.6t
Size	W: 900mm / 1200mm L: 2100mm

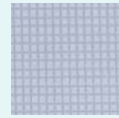
\*When the sheet is used for refrigeration, it becomes harder to a certain degree.

## ● Types of sheet

Insect-proof orange



Transparent



- We have adopted sheets that are hard to break and based on flame-retardant specification.
- When the interior is brightly lit and the exterior is dark, installing an orange insect deterrent sheet demonstrates the insect repellent effect.

## ● Method for attaching and detaching the sheet assembly



A base plate is installed above the interior door opening of a cold storage chamber/freezer. (The base plate is fixed with double-faced tape and screws)



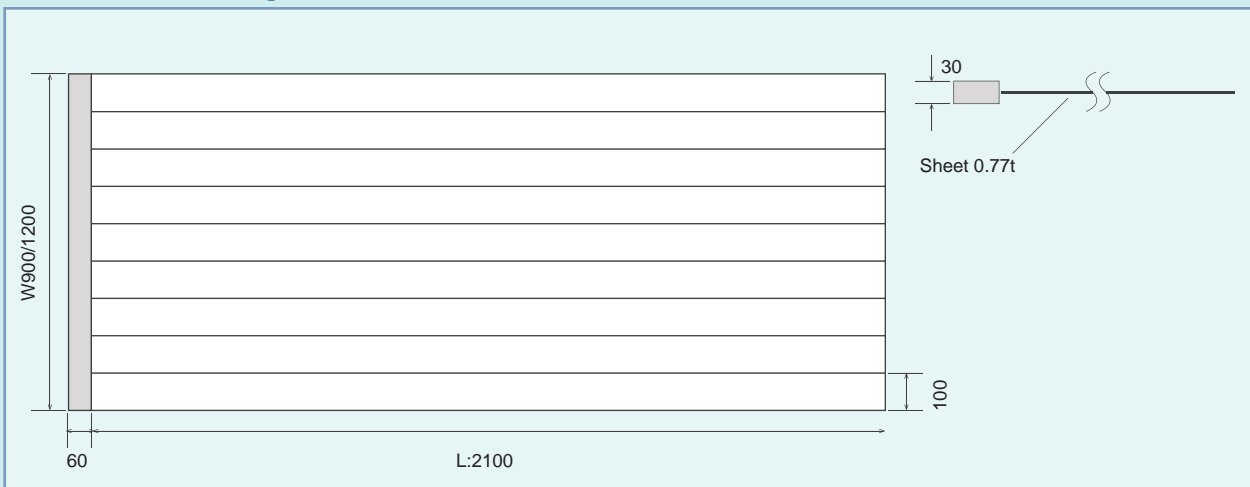
Slide it upward



Pulling out the clip cover to attach and detach the sheet.

Sliding the sheet fixing portion installed to the base upward and pulling out the clip cover makes it possible to attach and detach the sheet.

## ● Detailed drawing



**UNIFLOW**

Uniflow International Pte. Ltd

11 Collyer Quay, #10-13 The Arcade, Singapore 049317  
TEL:+65-6536-3239

URL <https://www.uniflow.co.jp/en/>