

Suitable for Food Manufacturing Companies

## UNIFLOW's high-speed roll-up doors HACCP-compatible options



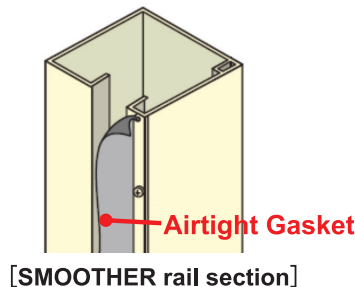
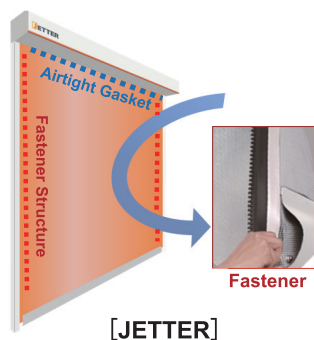
### HACCP (Hazard Analysis Critical Control Point)

Hazard factor analysis is mandatory. Hygiene management methods to eliminate hazardous factors in the food production process and to protect food safety.

Hygiene, cleaning, cleanliness and non-contact are even more important now

### Highly airtight structure

Prevents air leakage from the gap between the main body and the rails. Pipeless type JETTER, in particular, is more highly airtight with gaskets plus fasteners on both sides.



	SMOOTHER RB-1 (Pipe type)	JETTER JT-1 (Pipeless type)
Positive Pressure	10.6	8.34
Negative Pressure	7.5	4.32

Airflow of 10Pa (m<sup>3</sup>/h · m<sup>2</sup>)  
For high airtightness optional specification

### Slope Top Cover

A slope top cover is attached to the drum box and control box. This prevents dust from accumulating and makes dirt easier to see.



For drum box (left)/For control box (right)

### Stainless steel model

The drum box and rails can be produced in stainless steel, which is rust-resistant and can be used in environments where water and detergents are used.

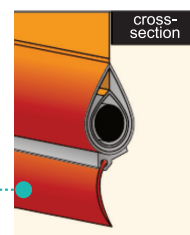


### PVC bottom drainer as an option

The drop of water from the lower end of the sheet during opening is reduced to 1/10. It improves the sanitary environment in food factories using water.

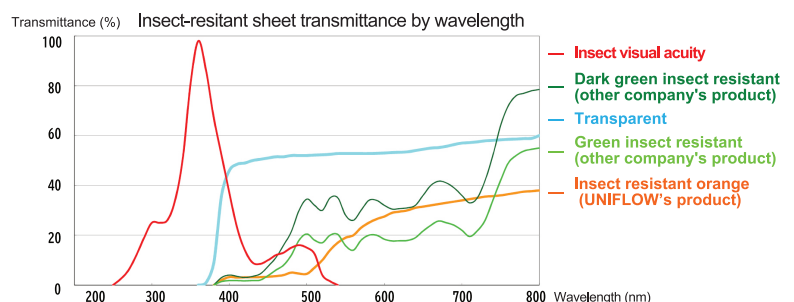
### Touchless Sensor

This sensor enables non-contact opening and closing without touching the switch.



### Insect-proof measure

Insect-resistant orange sheets cut wavelengths near ultraviolet rays that insects prefer. This mechanism discourages insects from flying by making the light invisible to insects.



\*The smaller the area that overlaps with the insect's line of visual acuity, the greater the insect resistant effect.

# UNIFLOW's recommended products for food factories



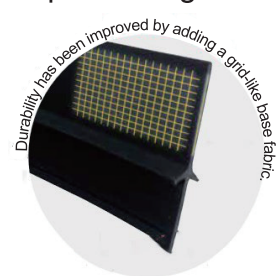
## Cleanability · Hygiene Management – Swing Door

### Eco Swing

The door can be washed under running water as well as used in areas where water is used. It has a resin core with excellent intensity and water resistance.

- Resin core: Lightweight and durable, less deterioration or aging and a long life.
- Heat insulation effect: 20% improvement (compared to our conventional product)
- Two types: Standard model SCPR and SCGR with gasket
- Window material is recycled acrylic, core material is also reusable

## Super Strong Gasket



Gaskets, which are made of resin, will wear out with daily use. Long-life, break-proof gaskets are recommended for food factories that want to reduce the risk of foreign material contamination.

[Compatible model] Swing Door  
SCG-1 / SCG-3 / SCGR-3 / FCG-3 /  
SCG-1V / SCG-3V / SCGR-3V

## Antibacterial and antiviral / CHEMIGUARD FILM (OP)



[Hand Plate]

This antiviral and antibacterial film has acquired the SIAA mark. It is a sticker type that is easy to apply to curved areas, and can be attached to door hand plates, handles, etc.

# Effective against dew condensation! Lightweight sliding door series for food factories

Dew condensation can cause bugs and mold

Dew condensation is a major problem in food factories as it can lead to the growth of bugs and mold. Even now, when the temperature and humidity inside factories are highly controlled, the boundary between normal temperature and medium temperature, known as the "medium temperature zone" (10-15°C), is an area that is difficult to improve.

High heat insulation performance prevents dew condensation on the door surface in the medium temperature range. Reduces dew condensation, prevents the growth of insects and mold, and reduces the effort required for cleaning.

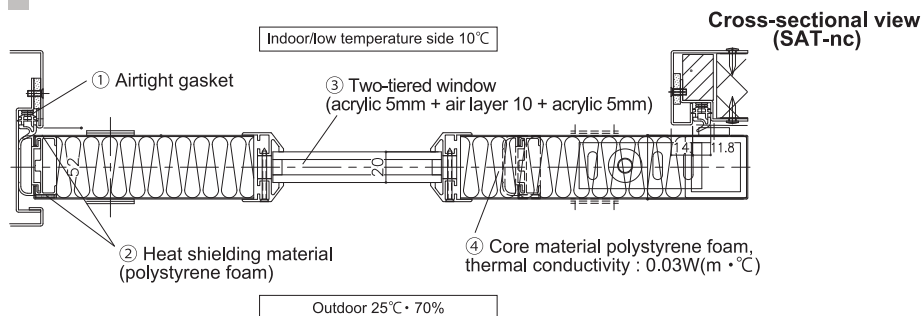
## Anti-dew-condensation sliding door (lightweight sliding door)



SAT-nc (Semi-airtight)

Airtight seal between door and frame (equivalent to A-3 grade). It also prevents mice and insects from entering.

## Reduces dew condensation



\* In an environment of 10°C-25°C/70% humidity. The effect varies depending on the usage environment.  
\* The core material of SAT-nc is polystyrene foam.

[Reference] Comparison of thermal conductivity. Units:  $W(m \cdot ^\circ C)$   
Polystyrene foam (SAT-nc): 0.03  
Iron: 80, glass: 1, glass wool: 0.047

## Stainless steel surface material that is rust-resistant and has low thermal conductivity (standard type)

[Reference] Comparison of thermal conductivity. Units:  $W(m \cdot ^\circ C)$   
Stainless steel plate (SUS304): 16, electrogalvanized steel plate (SECC): 50

Acrylic two-tiered window for dew protection (SAT-nc)

Opens with light force, self-closing. Can be used as a door for daily use.

**UNIFLOW**

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