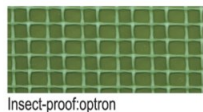


## Sheet

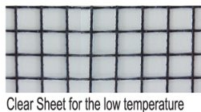
### Monban Original



Translucent Factor 68%



Insect-proof:optron  
Blocking factor of induction of flying insects 82%



Clear Sheet for the low temperature  
Installation Environment -25℃



Electrification-proof Nonflammable Sheet  
Electric resistance value of surface  
Other than R30W/40W 10<sup>9</sup>Ω



Rat-protection bottom sheet blended with high concentration capsaicin



Semitransparent Clear



Semitransparent Orange



Opacity Blue



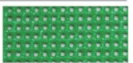
Opacity Orange



Opacity Black



Light-shielding:silver



Ventilation:mesh  
except GGF/R509/R30W/R40W

※Colour of picture image is having difference from actual products.

External appearance and specification of the product might be changed without a previous notice for the quality improvement.

※Registration company number for flame-proof is F-0793. ※Optron is under registration ob Ikari, and Taisei E&L

## Option Parts

For the Opening smaller than H3000



type A

irradiation distance Within 3m  
irradiation spot 32

For the Spot Detection



type B

irradiation distance Within 2-6m  
irradiation spot 4

For the Opening smaller than H4500



type D

irradiation distance Within 2.5-4.5m  
irradiation spot 60  
output 2a/2b select

For the Opening smaller than H6000



type E

irradiation distance Within 2-6.5m  
irradiation spot 60  
efficient opening and closing the detection function.

For the Explosion-proof Area



Explosion-proof Type

Explosion-proof Specification  
irradiation distance Within 4m  
Microwave Sensor

## Operation switch



1PB/3PB/noncontact switch



Rain-proof 1PB/3PB

1PB and pull switches can be used in the area where the temperature is below -25℃.



Pull switch



Thin switch

## Vehicle detection sensor



Loop coil sensor

in-the-floor type

## Explosion-proof Area



3PB switch



Pull switch



Foot Switch

## Cold Storage



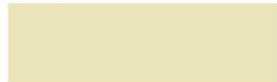
Photocell Sensor with the heater

## Emergency Power Supply



Backup Power Unit

## Color



Oyster white  
Motor box : CGCC  
Side frame : aluminum



Aluminium  
Side frame in case of stainless specification



Stainless HL

brought to you by :



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Produce space value

Effective on energy-savings and quality management

abridged version

happy gate  
monban 門番

## Indoor



## Outdoor



## Cold Storage



## Explosion-proof Area



Patent Pending

product introduction movies



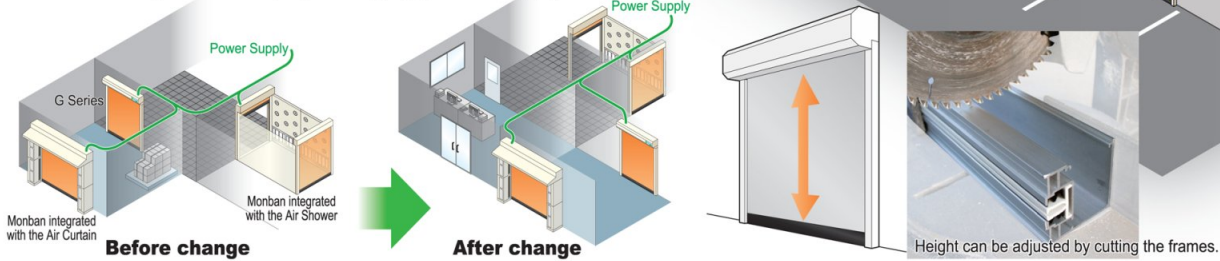
# Create the Space Value

Happy gate monban system contributes to reform of sense of workers, other than improvement of working environment.

## Easy size change and relocation

Compact design suitable for change of layout or production line with productive efficiency, and for partition of factory for energy-savings  
Easy size change and relocation can reduce the cost and time for factory modification.

Relocation by unit / Easy by changing power supply



**Compact designed**  
40% compacter than the conventional model  
Suitable for the entrance of the factory and office

G012

**D 180 mm**  
**H 240 mm**

G012 / G052 / G014

**D 53 mm**  
**W 50 mm**

Size is different by the model.

**Controller is built in the frame or shutter box.**  
Space for installation of the controller is unnecessary. Controller built in the shutter box or side frame can realize space-saving and reduction of wiring.

**Built-in the shutter box**

G012 / G014

**Built-in the side frame**

G104 / G109 / G209

G052 is the controller separated type.

**Cold Storage**

Clear Sheet for the low temperature  
Soft and flexible sheet with high visibility in the low-temperature area

Installation Environment  
**-25℃**

**Original**

**Prevent adhesion of the frost and water Frost Prevention Function**  
Periodic operation prevents adhesion of the frost and water.

In case of frost removing program OFF

**Explosion-proof Area**

Driven and controlled by air only, with no electricity  
All-air type is operated by air without electricity. Explosion-proof model can be installed in various kinds of explosion-proof area

**Original Electrification-proof Nonflammable Sheet**

**Original**

Electric resistance value of surface  
**10<sup>9</sup>Ω**

Only electrification-proof nonflammable sheet can be equipped with G10・20・30A/E.

**Cylinder**

# Line up

<p><b>Indoor</b> Lightweight / Slim / Compact Pipe-less Type</p> <p>G052/012/104/014/109/209/GF16/21</p> <p>Width <b>600~4500</b> Height <b>600~4500</b>mm</p>	<p><b>G</b> Series</p>
<p><b>Outdoor</b> Pipe type (Wind-resist model)</p> <p>R054/109/209/309/409/ RF05/10/20/30/40/50/R30W/40W/R30T/40T</p> <p>Width <b>600~10000</b> Height <b>1000~6000</b>mm</p>	<p><b>R</b> Series</p>
<p><b>Cold Storage</b></p> <p>G10F/R10F</p> <p>Width <b>800~3500</b> Height <b>1000~3500</b>mm</p>	<p><b>G</b> <b>R</b> Cooling device</p>
<p><b>Explosion-proof Area</b></p> <p>G10A/20A/30A/10E/20E/30E</p> <p>Width <b>800~4000</b> Height <b>2000~4000</b>mm</p>	<p><b>G</b> Explosion proof</p>
<p><b>Unit type Monban for incorporating facilities</b></p> <p><b>BUILT-IN</b></p>	