

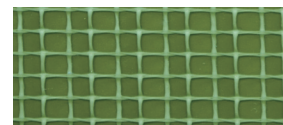
## Sheet

### Monban Original



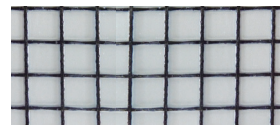
upcoming-product  
Transparent Clear

Translucent  
Factor **68%**



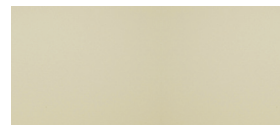
Insect-proof:optron

Blocking factor of  
induction of flying insects **82%**



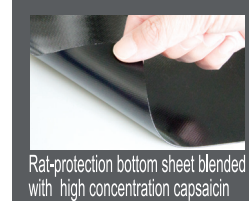
Clear Sheet for the low temperature

Installation  
Environment **-25℃**

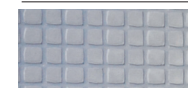


Electrification-proof Nonflammable Sheet

Electric resistance  
value of surface **10<sup>9</sup>%**  
Other than R30W/40W



Rat-protection bottom sheet blended  
with high concentration capsaicin



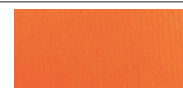
Semitransparent Clear



Semitransparent Orange



Opacity Blue



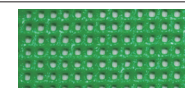
Opacity Orange



Opacity Blak



Light-shielding:silver



Ventilation:mesh

except G/GF/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

## Dismantle, Abandonment, Recycle

When dismantle MONBAN, please proceed according to our installation manual. If you have any question, please do not hesitate to contact us.



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## Awards

Science and Technology Agency 1995.4  
Notable invention selection prize of Science and Technology Agency

Medium and Small Business Research Institute Corporation 1991.1  
Medium and Small Business Research Institute Prize

The New Business Conference 1991.10  
New Business Grand Prize

Nikkei Inc 1993.1  
Prize of Contributor to Regional Society

The Ministry of Land, Infrastructure and Transport 2007.10  
Commendation by the Minister of Land, Infrastructure and Transport

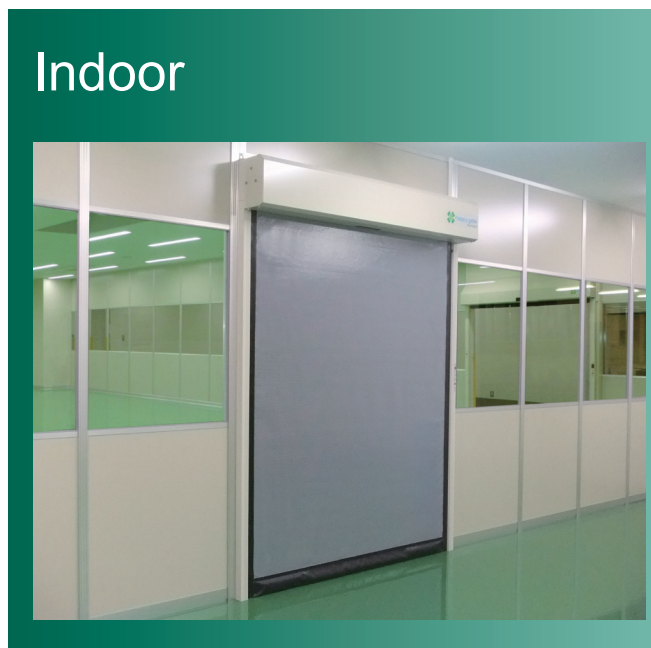
External appearance and specification of the product might be changed without a previous notice for improvement of quality.  
The content of the description of this catalog is as of June, 2013.



Produce space value

Effective on energy-savings and quality management

abridged version



高速開閉で熱損失が少ない  
エコマーク認定番号: 第10123019号  
使用契約者名: 小松電機産業株式会社  
Gシリーズはエコマーク対象商品

**小松電機産業株式会社**  
KOMATSU ELECTRIC INDUSTRY CO.,LTD.

Patent Pending



product introduction  
movies



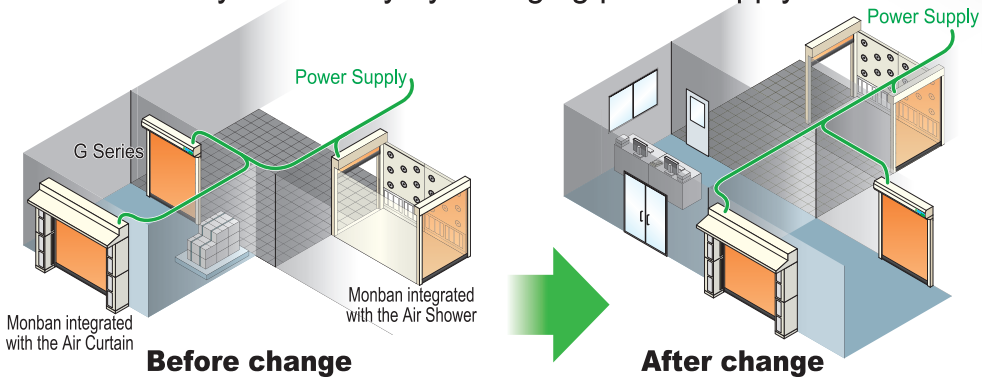
# Create the Space Value

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



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.



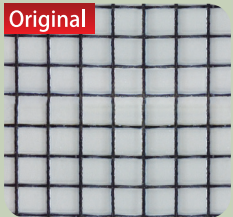
G052 is the controller separated type.

## Cold Storage

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

Installation Environment

-25°C



Prevent adhesion of the frost and water Frost Prevention Function

Periodic operation prevents adhesion of the frost and water.



## 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.



# Line up

**Indoor** Lightweight / Slim / Compact  
Pipe-less Type

G052/012/104/014/109/209/GF16/21

Width 600~4500  
Height 600~4500 mm



G Series

**Outdoor** Pipe type (Wind-resist model)

R054/109/209/309/409/  
RF05/10/20/30/40/50/R30W/40W/R30T/40T

Width 600~10000  
Height 1000~6000 mm



R Series

## Cold Storage

G10F/R10F

Width 800~3500  
Height 1000~3500 mm



G R Cooling device

## Explosion-proof Area

G10A/20A/30A/10E/20E/30E

Width 800~4000  
Height 2000~4000 mm



G Explosion proof

**Unit type Monban for incorporating facilities**

BUILT-IN

