Roller Blinds Design Roller Blinds Product Manual




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Roller Blinds—Available Type List

| $\begin{aligned} & \text { Type } \\ & 01 \end{aligned}$ |  | MYTEC | MYTEC DECORA | MYTEC KOMADO | MYTEC for bathroom | MYTEC SKYLIGHTER | MYTEC DOUBLE |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Spring Type <br> A type the Screen rises automatically when pulling down the Cord． Recommended for an ordinary window or a little partition． | comer |  |  |  |  |  |  |
|  |  | Rising the screen，automatically when pulling down the cord． Recommended for an ordinary window or a lititle partition． | High decorative roller blind，with the Blind Box． <br> You can choose from six styles． | Compact spring type for small window．Most suitable for simple coordinates | Available to water consumed places such as a bathroom，etc．Screen is removable and washable．Screw unnecessary Tension Bar（optional） is also available | Available to slope window of up to 90 degrees．Can be attached to the skylight window horizontal | Two screen with one mechanism for Night and Day．Recommended for waist height windows |
|  |  | Product Width： $300-2,400 \mathrm{~mm}$ Product Height：100－3，000 m Ratio（W：H）： $1: 3$（limit） ＊Differs from Screen | Product Width： $300-2,000 \mathrm{~mm}$ Product Height：100－3，000 m ＊Differs from Screen to Rifrs from Screen to Screan | Product Width：200－1，200 mm Product Height：100－1，600 m Ratio（W：H）： $1: 5$（limit） Differs from Screen | Product Width： $500-2,000 \mathrm{~mm}$ Product Height：100－2，200 mm Ratio（W：H）： $1: 3$（limit） Differs from Screen to S | Product Width： $400-2,000 \mathrm{~mm}$ Product Height：100－2，000 m Ratio（W：H）： $1: 3$（limit） ＊Differs from Screen to Screen | Product Width：400－2，000 mm Product Height： $200-2,800 \mathrm{~mm}$ Ratio（W：H）： $1: 3$（limit） ＊Differs from Screen to $S$ |
|  |  | 228 colors | 200 colors | 173 colors | 8 colors | 16 colors | 196 colors |
|  | $\begin{aligned} & \frac{⿳ 亠 口 口 犬}{8} \\ & \stackrel{y}{2} \end{aligned}$ | White（Standard type） Beige <br> Brown | hite（Standard type） White $\times$ Light Wood Brown $\times$ Dark Wood <br> Brown $\times$ Dark Wood | White | White | White |  |


| $\begin{gathered} \text { Type } \\ 02 \end{gathered}$ |  | MYTEC LOOP | MYTEC LOOP DECORA | MYTEC LOOP KOMADO | MYTEC LOOP for bathroom | MYTEC LOOP KOMADO for bathroom | MYTEC DOUBLE ONE CHAIN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Chain Type <br> Basic type that rising and lowering the Screen is done by chain operation． Corresponding to wide size，it is recommended to various scenes． |  |  |  |  |  |  |  |
|  |  | Basic type that rising and lowering the Screen is done by chain operation．Corresponding to various scenes． | High decorative roller blind，with the Blind Box． <br> You can choose from six styles． | Most suitable chain type for slit window．Available until the width and height ratio of $1: 10$ ． | Chain type for bathroom window． Screen is removable and washable． Screw unnecessary Tension Bar （optional）is also available． | Compact chain type suitable for a bathroom or water consumed places．Screen is removable and washable． | Controls Two Screens with one chain for your Privacy．Recom mended for bedroom and Living room．Suitable for large windows as well． |
|  | $\begin{aligned} & \frac{8}{\frac{8}{6}} \\ & \frac{6}{6} \\ & \frac{6}{6} \\ & \frac{3}{4} \end{aligned}$ | Product Width： $300-2,700 \mathrm{~mm}$ Ratio（ $\mathrm{W} \cdot \mathrm{H}$ ）： $1: 8$（limit） ＊Differs from Screen to Scree | Product Width： $300-2,000 \mathrm{~mm}$ Product Height：100－3，000 m Ratio（W：H）： $1: 8$（limit） ＊Differs from Differs from Screen to Screen | Product Width： $100-1,200 \mathrm{~mm}$ Product Height：100－2，400 m Ratio（W ：H）： $1: 10$（limit） ＊Differs from Screen to Differs trom Screen to Screen | Product Width： $500-2,000 \mathrm{~mm}$ Ratio（W ：H）： $1: 3$（limit） ＊Differs from Screen to － | Product Width： $100-1,200 \mathrm{~mm}$ Product Height：100－2，400 mm ＊Differs from Screen to Scree | Product Width：400－2，000 mm Product Height：200－2，800 mm ＊Differs from Screen to Scree |
| $\square$ |  | 237 colors | 223 colors | 192 colors | 8 colors | 800 | colors |
|  | $\begin{aligned} & \frac{\grave{⿺ ⿻}}{0} \\ & \stackrel{y}{2} \end{aligned}$ | White (Standard) $\begin{aligned} & \text { Beige } \\ & \text { Brown } \end{aligned}$ Brow | White（Standard） White $\times$ Light Wood Brown $\times$ Dark Wood | White | White | White |  |

Roller Blinds—Available Type List



Design Roller Blinds—Available Type List


## Options

## Optional Choice

A little freely, a little seriously.
Even in the same roller blinds, you will be able to put in a change in the window by adding a bit of preference to detail. Because the TOSO's roller blinds are possible to change each parts and parts colors, you would be fun to coordinate and be selected.


Part Color Select your blind color from the ofolowing itre No additional charge


- Hardware part

[Non-wrapping Style Non-wrapping Style


Operating Options MYTEC and MYTEC LOOR
have the following options.
Choose trom ontions

No additional charge


Weight Bar
MYTEC and MYTEC LOOP
can change the Screens for a wraping style to a non-
rapping styl
No additional charge
Screens for a non-wraping Screens tora non-wrapping
strye, however, have noo ototion

Avaiable types: MYTEC / MYTEC LOOP
The following MYTTEC ONE-TOUCH LOOP - Weight Bar


Option Installation Aid



MYTEC SEEZ Laser Cut

MYTEC SEEZ, light and shadow create a rich sight.

Sunlight spilling from the hole of the laser cut will portray a rich sight to a life with transience of time.
While looking a scene of the window where the light fluctuates, please feel seasonal wind.

Select the cutting design type.
"MYTEC SEEZ" laser cutting has 24 cutting designs.
Each cutting design has the sultable window we recommend to use.

[Patterned on the Top or the Bottom] Paterned verically on the top or the bottom of the
Screen. It provides an unique horizontal design and Screen. It rovides an unique horizontal design and
also private protection, yet allows ight into the
rom.

## [Patterned on the Top and the

 Bottom or both side] Patterned Vertically on the top and bottom or bothside. It provides
vert Patterned Verically on the top and bottom or both
side. It provides an unicue horizontal design or
vertical Ilind.
[Patterned on All Over]
Pattered all over the Screen. Creates the
nhyth of light on the large monotonous
screen.
[Patterned on Center] Patterned vertically in the center. Craetes
a modern, simple look on the relatively a modern, sim
smal Screen.
[Patterned on One Side]
rned on One Side] Screan. Asymmettic pattern can cride of the a
pleasant surprise
side is Scrien. Asymmetic patetrn can create a
pleasant surprisi on the Screen (either
side is availabe).

|  | Recommended sizes |
| :---: | :---: |
|  | 1,800 $\times 2,000 \mathrm{~mm}$ |
|  | $\begin{aligned} & \text { Ordinary windows } \\ & \text { Recommended sizes } \end{aligned}$ |
|  | 1,500 $\times 1,500 \mathrm{~mm}$ |
|  | Small/sidelight-like windows |
|  | Recommended sizes |

$\square$
$\triangle$

| $\bigcirc$ |  |
| :---: | :---: |
| 0 |  |

(o)

| 0 |  |
| :---: | :---: |
| 0 |  |
| 0 |  |
| 0 |  |



Select your Screen.
plain series win a wide range of color variation available for"MYTEC SEEZ".
See the following page of each series to confirm.

| Screen Number | TR-3001-3020 | TR-3021-3060 TR-3421-3460 | T-3061-3066 | TR-3067-3081 | TR-3098-3112 <br> TR-3498-3512 | TR-311-3120 | TR-3121-3124 | TR-3125-3130 | TR-3168-375 | T-3228-323 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Available Colors | 20 colors | 40 colors | 6 colors | 15 colors | 15 colors | 8 colors | 4 colors | 6 colors | 8 colors | 4 col |

(3) Select your operating type.

Select your operating type from the following three, ■ MYTEC SEEZ
$\rightarrow$ Pull cord type
MYTEC LOOP SEEZ
$\rightarrow$ Chain type

- MYTEC ONE-TOUCH LOOP SEEZ
$\rightarrow$ One-touch chain type
(4) Price.
see the corresponding price table of each Screen for the MYTEC SEEZ. Allowable height for laser cutting, TYPE 0, 14, 25, 28, 31 and 34 is 810 mm or over.
Allowable width for laser cutting. TYPE 33 is 800 mm or over


## MYTEC [spring Type for Ordinary Windows]




| Components | Materials |
| :--- | :--- |
| (1) Side Holder Set | stainless steel press forming, plastic molded |
| (2) Bracket | stainess steel press forming, plastic molded |
| (3) Set Bar | aluminum extrusion |
| (4) Roller Pipe | aluminum extrusion |
| (3 Weight Bar Cap | plastic molded |
| (®) Weight Bar | aluminum extrusion |
| (1) Pull Ball | plastic molded |
| (8) Pull Cord | synthetic fiber |
| () Screen | Materials differ depending on types. |

## Product Width and Screen Width


$\square$ Side View


The two Side Holders have a different length. We use one of Hold
Screen thickness and the procuct height. See page 5 tor details.

## ■ Bracket



## - Operation Method



How to Take Measurements
Ceiling mount inside the window fram
Subtract approx. 10 mm from both the actual inner


- Outside mount covering the window frame Specify the actual outside sizes, both width and height.
oor finishee dimensions.



## Installation Method

## 1. Bracket installation


2. Installing the main unit
(1) Hook the Set Bar on the
tempora hook of the Braket.
(2) Push in the main unit until it
temporal hook of the Bracket.
(2) Push in the main unit until
clicks into
clicks into place.

3. Removing the main unit
(1) Pull the Set Bar toward you
while pressing the Bracket
release button.
(2) Remove the main unit from the temporal hook.


## MYTEC LOOP [Chain Type for ordinary Windows]

Dimension

| Product Height (H) | Ball Chain Length | Product Height (H) | Ball Chai Length |
| :---: | :---: | :---: | :---: |
| -800 mm | 650 mm | 2,810-3,000 mm | $2,200 \mathrm{~mm}$ |
| $810-1,000 \mathrm{~mm}$ | 750 mm | $3,010-3,200 \mathrm{~mm}$ | 2,400 mm |
| 1,010-1,200 mm | 900 mm | $3,210-3,400 \mathrm{~mm}$ | 2,6 |
| 1,210-1,400 mm | 1,100 mm | $3,410-3,600 \mathrm{~mm}$ | 2,800 m |
| 1,410-1,600 mm | 1,300 mm | $3,610-3,800 \mathrm{~mm}$ | $3,000 \mathrm{~mm}$ |
| 1,610-1,800 mm | 1,400 mm | $3,810-4,000 \mathrm{~mm}$ | 3,200 mm |
| 1,810-2,200 mm | 1,600 mm | $4,010-4,200 \mathrm{~mm}$ | $3,400 \mathrm{~mm}$ |
| 2,210-2,600 mm | $1,800 \mathrm{~mm}$ | $4,210-4,400 \mathrm{~mm}$ | 3,600 mm |
| 2,610-2,800 mm | $2,000 \mathrm{~mm}$ | $4,410-4,500 \mathrm{~mm}$ | $3,800 \mathrm{~mm}$ |

How to Take Measurements
Ceiling mount inside the window fram
Subtract approx. 10 mm from both the actual inner


Outside mount covering the window frame Specify the actual outside sizes, both width and height, or finished dimensions.


## Installation Method

1. Bracket installation

DPosition of Brackets: ap Bracket in a position $4-7 \mathrm{~cm}$ inward form each end.
If three Brackets are ereate three Brackets are required, install the Brackets in

2. Installing the main unit
(1) Hook the Set Bar on the
temporal hook of the Braket.
(2) Push in the main unit until
temporal hook of the Bracket 2) Push in the main
clicks into place.

3. Removing the main unit
(1) Pull the Set Bar toward yo
while pressing the Bracket
releaese button.
(2) Remove the main unit from
(themprem
the temporal hook.


- How to convert ceiling installation to wall installation
pull out the Fixed Plastic Fitting
and turn the Gear Box Cover 90


## degrees.




[^0]
## MYTEC ONE-TOUCH LOOP [One-toch Chain Tye for ordinary Windows]

| Dimension |  |
| :---: | :---: |
| $\stackrel{\text { Product width }(M)}{ }$ |  |
|  |  |


| Product width (W) | $310-2,000 \mathrm{~mm}$ |
| :---: | :---: |
| Product height (H) | $100-3,000 \mathrm{~mm}$ |
| Ratio (W : H ) | $1: 3$ (limit) |

- Ball Chain Length

 \begin{tabular}{r|l|l|l|l}
-800 mm \& 650 mm \& $1,610-1,800 \mathrm{~mm}$ \& $1,400 \mathrm{~mm}$ <br>
\hline

 

\hline $810-1,000 \mathrm{~mm}$ \& 750 mm \& $1,810-2,200 \mathrm{~mm}$ \& $1,600 \mathrm{~mm}$ <br>
\hline $1,010-1,200 \mathrm{~mm}$ \& 900 mm \& $2,210-2,600 \mathrm{~mm}$ \& $1,800 \mathrm{~mm}$ <br>
\hline

 

$1,010-1,200 \mathrm{~mm}$ \& 900 mm \& $2,210-2,600 \mathrm{~mm}$ \& $1,800 \mathrm{~mm}$ <br>
\hline $1,210-1,400 \mathrm{~mm}$ \& $1,100 \mathrm{~mm}$ \& $2,610-2,800 \mathrm{~mm}$ \& $2,000 \mathrm{~mm}$ <br>
\hline 1,10,

 

\hline $1,20-1,400 \mathrm{~mm}$ \& $1,100 \mathrm{~mm}$ \& $2,610-2,000 \mathrm{~m}$ \& $2,000 \mathrm{~mm}$ <br>
\hline $1,410-1,600 \mathrm{~mm}$ \& $1,300 \mathrm{~mm}$ \& $2,810-3,000 \mathrm{~mm}$ \& $2,200 \mathrm{~mm}$ <br>
\hline
\end{tabular}



Product Overview


Material

| Components | Materials |
| :--- | :--- |
| (1) Side Holder Set | stainless steel press forming, plastic molded |
| (2) Bracket | stainsess steel press forming, plastic molded |
| (3) Set Bar | aluminum extrusion |
| (4) Roller Pipe | aluminum extrusion |
| (3) Weight Bar Cap | plastic molded |
| (6) Weight Bar | aluminum extrusion |
| (7) Chain Connector | plastic molded |
| (8) Ball Chain | plastic molded, synthetic fiber |
| (9) Screen | Materials differ depending on types. |
| (1) Lower Limit Connector | plastic molded |
| (1) Safety Tassel | plastic molded |
| Lower Limit Connector is a part to protect a reverse winding. |  |



- Product Width and Screen Width



## $\square$ Side View

- Ceiling installation - Wall installation


The product height (H) IS from the top of the Roller Pipe to the bottom of the Weight Bar.
The two Side Holders have a different
the Screen thickness and the procucut height. See pagee 45 for detatiils.


How to Take Measurements
Ceiling mount inside the window fram
Subtract approx. 10 mm from both the actual inner


- Outside mount covering the window frame Specify the actual outside sizes, both width and height, for finished dimensions.



## Installation Method

## Bracket

(1)Position of Brackets: appropriate to locate the
Bracket in a position $4-7 \mathrm{~cm}$ inward from each end. Bracket in a position $4-7 \mathrm{~cm}$ inward from each end.
If three Brackets are required, install the Brackets in between at equal intervals.

2. Installing the main unit
(1) Hook the Set Bar on the
temporal hook of the Bracket.
(2) Push in the main unit until it temporat hook of
(2) licks int the main
lace.

3. Removing the main uni
(1) Pull the Set Bar toward you
while pressing the Bracket release button.
Remove the $m$
the temporal hook


How to convert ceiling installation to wall installation
Pull out the Fixed Plastic Fititing
and turn the Gear Bov Cover 90 degrees.


## MYTEC KOMADO ${ }_{\text {[spring Type for small windows] }}$

 600 mm


How to Take Measurements
Ceiling mount inside the window frame
Subtract approx. 10 mm from both the actual inner width and height of the window.


- Outside mount covering the window frame Specify the actual outside sizes, both width and height, for finished dimensions.



## Installation Method

## 1. Bracket installation

(1Position of Brackets: appropriate to locate the (2) Fit the Bracket with accemannser
Bracket in a position 4 and
Bracket in a position 4-6 cm inward from each end

2. Installing the main unit
(1) Hook the Set Bar on the
temporal hook of the Bracket.
(2) Push in the main unit until it
clicks into place.

3. Removing the main unit
(1) Pull the Set Bar toward you
while pressing the Bracket while pressing
release button.
(2) Removeve the main unit from the temporal hook.


[^1]
## MYTEC LOOP KOMADO [chain Type for Small Windows]

| Dimens | ion |
| :---: | :---: |
| $\stackrel{\text { Product width ( } M)}{ }$ |  |
|  |  |

Allowable Size

| Product Width (W) | $100-1,200 \mathrm{~mm}$ |
| :--- | :--- |
| Product |  | | Product Height $(H)$ | $100-2,400 \mathrm{~mm}$ |
| :--- | :--- |
| Ratio $\left(W \cdot{ }^{(H)}\right)$ | $1: 10(i \mathrm{mit})$ | Ratio $(\mathbf{W}: \mathrm{H})$

 "For ordering, round d

Ball Chain Length

| Product Height $(H)$ |  |  |  |  |  |  | Ball Chin Length | Product Height $(H)$ | Ball Chain Length |
| :--- | :--- | :--- | :--- | :--- | :---: | :---: | :---: | :---: | :---: | | -800 mm | 650 mm | $1,410-1,600 \mathrm{~mm}$ | $1,300 \mathrm{~mm}$ |
| :--- | :--- | :--- | :--- | :--- | | $810-1,000 \mathrm{~mm}$ | 750 mm | $1,410-1,600 \mathrm{~mm}$ | $1,300 \mathrm{~mm}$ |
| :---: | :---: | :---: | :---: | :---: | | $1,010-1,200 \mathrm{~mm}$ | 900 mm | $1,810-, 2,200 \mathrm{~mm}$ | $1,600 \mathrm{~mm}$ |
| ---: | ---: | ---: | ---: |
| $1,210-1,400 \mathrm{~mm}$ | $1,100 \mathrm{~mm}$ | $2,210-2,400 \mathrm{~mm}$ | $1,800 \mathrm{~mm}$ | When instaling the blind in a higher positon than its product height, specify the Chair

length in 10 milimeters.

oll-up Diameter Guid $\Rightarrow$ page 53

How to Take Measurements
Ceiling mount inside the window fram
Subtract approx. 10 mm from both the actual inner


- Outside mount covering the window frame Specify the actual outside sizes, both width and height, for finished dimensions.


Installation Method

## . Bracket installation

DPosition of Brackets: appropriate to locate the (2) Fit the Bracket with accompanying screws.
Bracket in a position $4-6 \mathrm{~cm}$ inward from each end.

2. Installing the main unit
(1) Hook the Set Bar on the
temporal hook of the Bracket.
(2) Push in the main unit until it
clicks into place.

3. Removing the main unit
(1) Pull the Set Bar toward you
while pressing the Bracket
while pressing the Bracket
release button. release button.
Remove the $m$ the temporal hook.


## MYTEC for bathroom [spring Type for Bathroom]



- Allowable Size

| Product Wieth $(\mathrm{W})$ <br> Product Height $(H)$ | $500-2,000 \mathrm{~mm}$ |
| :--- | :---: |
| Patio $(W: H)$ | $100-2,200 \mathrm{~mm}$ |
| RFor ordering, round down the nearest 5 mm in width and 10 mm in height. |  |

- Pull Cord Length (Including the Pull Ball length)

| Pull Cord Length (Including the Pull Ball length) |
| :--- |
| Product Height (H) | | $100-2,200 \mathrm{~mm}$ | 800 mm |
| ---: | ---: |


$\square$ Side View


Wall installation

-1) shows the size of the Side Holder
() shows the size of the Side Holder L.
the Screen thickness and the prococuct teight. We use one of the Holders, depending

## ■Bracket



## Operation Method



## How to Take Measurements

## Outside mount covering the window frame

 Specify the actual outside sizes, dimensions.



- Outside mount covering the window frame with the Tension Bar
(outside wall mount)



## Option

Optional Parts for Operation


## Hook Rod Set

For Pull Grip Set. Use this (the Hook Rod) when the rolled-up blind is out of your reach.


## Operating Option 2

Tension Bar
seftu in instaling in a place such as a bathroom where amost impossible to screw on the tie wall.




watercrops will reduce the achesesive power of of double-sidect tape, which may cause a fall.
 © Be sure to fit the tap cap late evennly. If not installed evenly, the procuct may have a risk of a tall.

## MYTEC for bathroom [spring Type for Bathroom]

## Installation Method

1. Bracket installation
(1)Position of Brackets: appropriate to locate the (2) Fit the Bracket with accompanying screws.

|  |
| :--- | :--- |
| between ac equal intervals. |




## Tension Bar (optional) Installation Method

1. Bracket fitting on the Tension Bar

OLoosen a screw in the center of the Instalation Plate, slide it to the place where
fixing the Bracket for the roller blind and tighten the screw securely Positi fixing the Bracket for the roller blind and tighten the screw securely. Position of
Brackets: Appropriate to locate the Bracket in a a osition 4-7 m inward from Brackes: Appropriae to Iocare the Bracket in a position $4-7 \mathrm{~cm}$ inward riom between at equal intervals.
Screw the Bracket for the roller blind into a hole of the installation Plate.
[Wall installation]
Woll instalation]
No neat to turn. The Tension Bar has already been set for wall installation. [Coiling installation]
[Ceiling installation]
(1P)ull out the Tensio
(2)Tilt the Tension Bar diawnets from both sides of the Tension Bar

Brackets with the projection of the Bracket downward.

"For wall instalation, use the owest hole of the four to fix the Bracket.
3. Installation inside the window frame / on the wall
(DPeel off the release paper of the Cap Plate and stick the plate on the place to fix Caution

- Beiout inn



 The bond stengath of the Cap Plate drops aterer peeted off. Do. not use a peelect-off cap Plate since it


Ceeling instalatition]
Witht the errow facing down, stick the Cap Plate closely
to the ceiling, eliminating a clearance.
4. Installing the main unit
(DFor wall installation, slide the Spacer into the back side of the roller blind. *For a ceiling installation, ho need to use the Spacer
2Hook the outer groove of the Set Bar on the temporal hook (on the Bracke release button side) (©) and, while keeping the condition, push it in until the Sel Bar licks in place (2)


| [Ceiling instalation] | [Wal instalation] |
| :---: | :---: |
|  |  |

5. Removing the main unit
(1)Remove the roller blind.
button while holding the main unit and remove the Set
$\triangle$ Caution
unit, the product may have a risk of ta tal

(2Remove the Tension Bar.
1) Rotate each dial of both sides in the
opposite direction of arrow to loosen. $\triangle$ Caution

with your hand.
When Iosesing the dial, do not apply to
he product, which may resut it in alal.
2) While pushing the Tension Bracket (with spring inside), remove the Support Plate fom the opposite Cap Plate. 3) While grasping the Cap Plate with one
hand, pull down the double-sided tape just downwards to peel it off. (It can
$\triangle$ Caution





$\triangle$ Caution


## MYTEC LOOP for bathroom [Chain Type for Bathroom]



- Ball Chain Length

| Product Height (H) | Ball Chain Length |
| :--- | :--- | | -800 mm | 650 mm |
| ---: | ---: | | $810-1,000 \mathrm{~mm}$ | 750 mm |
| ---: | ---: |
| $1,010-1,200 \mathrm{~mm}$ | 900 mm | | $1,010-1,200 \mathrm{~mm}$ | 900 mm |
| ---: | ---: |
| $1,210-1,400 \mathrm{~mm}$ | $1,100 \mathrm{~mm}$ |
| $1,1,1,0$ |  | | $1,1,100-1,400 \mathrm{~mm}$ |  |
| :--- | :--- |
| $1,410-1,600 \mathrm{~mm}$ | $1,300 \mathrm{~mm}$ | | $1,410-1,600 \mathrm{~mm}$ | $1,300 \mathrm{~mm}$ |
| :--- | :--- | :--- |
| $1,610-1,800 \mathrm{~mm}$ | $1,400 \mathrm{~mm}$ |
| $\begin{array}{ll}\text { When instaling the b lind in a higher } \\ \text { position than tits }\end{array}$ |  | | $1,1,810-2,200 \mathrm{~mm}$ | $1,600 \mathrm{~mm}$ |
| :--- | :--- |
| 1 |  |



| Components | Materials |
| :--- | :--- |
| (1) Side Holder Set | stainless steel press forming, plastic molded |
| (2) Bracket | stainless steel perss forming, plastic molded |
| (3) Set Bar | aluminum extrusion |
| (4) Roller Pipe | alumminum extrusion |
| (3) Weight Bar Cap | plastic molded |
| (6) Weight Bar | aluminum extrusion |
| (7) Chain Connector | plastic molded |
| (8) Ball Chain | plastic molded, synthetic fiber |
| () Screen | Materials differ depending on types. |
| (1) Lower Limit Connector | Plastic molded |
| (1) Safety Tassel | plastic molded |
| Lower Limit Connector is a part to protect a reverse winding. |  |



-The two side Holders have a different.)
the Screen thickness and the product height. See page 45 for details.

■ Bracke


## ■ Operation Method



How to Take Measurements
Ceiling mount inside the window fram
Subtract approx. 10 mm from both the actual inner width and height of the window.


- Outside mount covering the window frame Specify the actual outside sizes, both width and height, for finished dimensions.


Ceiling mount inside the window frame with the
Tension Bar (inside ceiling mount) Wath: Subbtract approx. 10 mm foum) width for specifying.
Height. Sustract
Eeight: Susbtract approx. 50 mm from the actual inside height for specifying. The Tension Bar length or the product width is the same as the actual inside width.
For ord
For ordering, round down the nearest 5 mm in width and 10 mm in height.


Outside mount covering the window frame with
the Tension Bar (outside wall mount) mount) Width: Add 50 m
for specifying.
Height: Specify more than the actual outside height.
The Tension Bar length or the product width is the The Tension Bar Iength or the product width is the
same as the actual inside width same as the actual inside width
and 10 mm in height.


## Option

Operating option 2

## - Tension Bar


$\triangle$ cation

einstal on the surface that has solid framework undermeath; e.g. wood, tile. if not, due to its weakness, the bar does nol
give enough tension to support, which may cause a $a$ afl. $i f$ it installed in in a fabricated bathroom with a hollow structure, give enough tension to support, which may cause a fall. it installe
strong tension may damage PVC sash. Do not use for such a place.
Before installation, remove stains, oil or watercropss on onpacae. waterdrops will reduce the adhesive power of double-sided tape, which may cause a tall.
OWher installing on tiles, avoid attaching the Cap plate to the ion thetween
tape may come off. which could result in a tall. Se sure to fit the Cap Plate evenly. If not installed evenly, the product may have a risk of a fall.

## MYTEC LOOP for bathroom [Chain Type for Bathroom]

## Installation Method

## 1. Bracket installation

(1Position of Brackets: appropriate to locate the (2) Fit the Bracket with accompanying screws.

| between ac equal intervals. |
| :--- |




How to Convert Ceiling Installation to Wall Installation
Pull out the Fixed Plastic Fititing
and turn the Gear Box Cover 90 degrees.


Tension Bar (optional) Installation Method

1. Bracket fitting on the Tension Bar

DLoosen a screw in the center of the Installation Plate, slide it to the place where fixing the Bracket for the roller blind and tighten the screw securely. Position of Brackets: Appropriate to locate the Bracket in a position $4-7 \mathrm{~cm}$ inward from
each end of the frame. If three Brackets are required, install the Brackets between at equal intervals. (2Screw the Bracket for the roller bind into a hole of the installation Plai ,

2. Tension Bar adjustment
[Wall installation]
No need to turn. The Tension Bar has already been set for wall installation
[Ceiling installation]
(DPull out the Tension
(1) Pull out the Tension Brackets from both sides of the Tension Bar
(2Tilt the
(2)lit the Tension Bar downward (rotate it 90 degres) and reinsert the Tension
Brackets with the

3. Installation inside the window frame / on the wall

DPeel off the release paper of the Cap Plate and stick the plate on the place to fix Caution






[Ceiling instalation]
With the a arow facing do

down, stick

## [Wall instalation] <br> - With the arow wraing you, act <br> - Plate to the windoon traum adiust the edge of the Cap - Set the Cap Plate closely to the ceiling with no clearance

While pushing the Support Plate of the Tension Bracket (with spring inside) into the Cap Plate, push the opposite Support Plate into the other Cap Plate for a temporal fixing.

$\triangle$ caution
Sot the cap Plate with the main body grasped.
 adiust the gaps equally on both sides.

©Rotate the dial of the Support Plate with spring in the direction of arrow untilit is tightly fastened so that the product is securely fixed.

$\triangle$ Caution


## 4. Installing the main unit

(DFor wall installation, slide the Spacer into the back side of the roller blind. *For a ceiling installation, no need to use the Spacer
2Hook the outer groove of the Set Bar on the temporal hook (on the Bracke Barease button side) (©) and, while keeping the condition, push it in until the Set

5. Removing the main unit
(1)Remove the roller blind.
-Push the Bracket rele

Push the Bracket release button while holding the main unit and remove the S $\triangle$ Caution

- If pusting the Bracket release button while not tolding the main unit, the product may have a isk of at atil

(2Remove the Tension Bar.

1) Rotate each dial of both sides in the $\triangle$ Caution

with your hand. When losenaning be sure it osupport the produr

2) While pushing the Tension Bracket (with spring inside), remove the Support Plate
from the opposite Cap Plate. from the opposite Cap Plate.
3) While grasping the Cap Plate with one 3) While grasping the Cap Plate with one
hand, pull down the double-sided tape just downwards to peel it off. (It can extend up to 30 cm or so.)
$\triangle$ Caution
If not raspon ingit, the Cap pate may bounce, whic





## MYTEC ONE-TOUCH LOOP for bathroom [0ne-touch Chain Type for Bathroom]



## - Ball Chain Length

| Product Height (H) | Ball Chain Lengh |  |
| :---: | :---: | :---: |
| -800 mm | 650 mm |  |
| $810-1,000 \mathrm{~mm}$ | 750 mm |  |
| 1,010-1,200 mm | 900 mm |  |
| 1,210-1,400 mm | 1,100 mm |  |
| 1,410-1,600 mm | $1,300 \mathrm{~mm}$ |  |
| 1,610-1,800 mm | 1,400 mm | position than its product height, |
| 1,810-2,200 mm | $1,600 \mathrm{~mm}$ |  |



| Components | Materials |
| :---: | :---: |
| (1) Side Holder Set | stainless steel press forming, plastic molded |
| (2) Bracket | stainless steel press forming, plastic molded |
| (3) Set Bar | aluminum extrusion |
| (4) Roller Pipe | aluminum extrusion |
| (5) Weight Bar Cap | plastic molded |
| (6) Weight Bar | aluminum extrusion |
| (7) Chain Connector | plastic molded |
| (8) Ball Chain | plastic molded, synthetic fiber |
| (9) Screen | Materials differ depending on types. |
| (1) Lower Limit Connector* | plastic molded |
| (11) Safety Tassel | plastic molded |
| Lower Limit Connector is a part to protect a reverse winding. |  |
| Safety Tasse This is a device for bundling the This device will reduce the risk bundling it to keep out of childre |  |



-The two side Holders an
The two side Holders have a different length. We use one of the Hold
the Screen thickness and the product theight. See page 53 for details.

■ Bracket


## - Operation Method

- Product Width and Screen Width



## How to Take Measurements

Ceiling mount inside the window fram
Cbbract approx. 10 mm from both the actual inner width and height of the window.


- Outside mount covering the window frame Specify the actual outside sizes, both width and heigh for finished dimensions.


Ceiling mount inside the window frame with the
Tension Bar (inside ceiling mount)
Width: Subtract approx. 10 mm from the actual side width for specifying,
Leight: Susbtract approx. 50 mm from the actual nside height for specifying. The Tension Bar length idthe product width is the same as the actual inside
For ordering, round down the nearest 5 mm and 10 mm in height.


Outside mount covering the window frame with
the Tension Bar (outside wall montr Outside mount covering the window
the Tension Bar (outside wall mount)
Width: Add 50 mm or more to the actual inside width
ior specifying.
Height: Specify more than the actual outside height.
he Tension Bar length or the product width is the same as the actual inside width
For ordering, round down the nearest 5 mm in width and 10 mm in height.


## Option <br> <br> Operating option 2

 <br> <br> Operating option 2}Seful in installing in a place such as a battroom where almost impossible to screw on the tile wal.

 einstal on the surface that has solid framework underneath; e.g. wood, tile. if not, due to its weakness, the bar does nol
give enough tension to support, which may cause a tall. if installed in a fabticated bathroom with a hollow structure. give enough tension to support, which may cause a tall. it insta,
strong tension may damage PVC sash. Do not use for such a place.
Before instalation, remove stains, oil or waterdrops on the wall and dry excess moistre. The remaining stains and Waterdrops will reduce the achesive power of double-sided tape, which may cause a fall. tape may come off, which could result ina fall.
© Be sure to fit the C Cap Plate evenly. If not installed evenly, the product may have a risk of a tall
For the details of Installation Method, refer to page 29 .

## MYTEC DECORA [spring Type with Blind Box]



## $\square$ Available Screen Table

| Available Screen (30 series in tota): inverted index of the Japanese catalog |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| TR 3001-3020 | P.072 | TR 3098-3112 | P. 093 | TR 3153-3156 | P. 112 | TR 3196-3199 | P. 134 |
| TR 3401-3420 | P. 072 | TR 3498-3512 | P. 093 | TR $3157-3163$ | P. 114 | TR 3137-3142 | P. 136 |
| TR 3021-3060 | P. 076 | TR 3113-3120 | P. 096 | TR 3164-3167 | P. 116 | тR $3214-3219$ | P. 150 |
| TR 3421-3460 | P. 076 | TR 3121-3124 | P. 098 | TR $3168-3175$ | P. 120 | TR 3614-3619 | P. 150 |
| TR 3061-3066 | P. 080 | TR 3125-3130 | P. 100 | TR 3176-3181 | P. 122 | TR 3082-3092 | P. 152 |
| TR 3067-3081 | P. 082 | TR 3131-3136 | P. 102 | TR 3576-3581 | P. 122 | TR $3220-3222$ | P. 156 |
| TR 3082-3092 | P. 086 | TR 3137-3142 | P. 104 | TR 3184-3199 | P. 128 | TR $3223-3227$ | P. 158 |
| TR 3093-3097 | P. 0 | TR 3148-3152 | P. 108 | TR 3 | P. 132 | TR 3228-3231 |  |



## Option

Option Parts Color No additional charse
6 color line-up


## MYTEC LOOP DECORA [Chain Type with Blind Box]

$\xrightarrow{\text { Dimension }}$


| Components | Materials |
| :---: | :---: |
| (1) Side Holder Set | stainless steel press forming, plastic molded |
| (2) Bracket | stainless steel press forming, plastic molded |
| (3) Blind Box | aluminum extrusion |
| (4) Weight Bar Cap | plastic molded |
| (5) Weight Bar | aluminum extrusion |
| (6) Screen | Materials differ depending on types. |
| (7) Lower Limit Connector* | plastic molded |
| (8) Chain Connector | plastic molded |
| (9) Ball Chain | plastic molded, synthetic fiber |
| (1) Safety Tassel | plastic molded |



-The product height $(H)$ is from the top of the Bracket to the bettom of the Weight Ba

## Bracket



## - Operation Method



## Available Screen Table

| Avaiable Screen (33 series in total): inverted index of the Japanese catalog |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| TR 3001-3020 | P. 072 | TR 3098-3112 | P. 093 | TR 3153-3156 | P. 112 | TR 3137-3142 | P. 136 |
| TR 3401-3420 | P. 072 | TR 3498-3512 | P. 093 | TR3157-3163 | P. 114 | TR $3214-3219$ | P. 150 |
| TR 3021-3060 | P. 076 | TR3113-3120 | P. 096 | TR3164-3167 | P. 116 | TR 3614-3619 | P. 150 |
| TR 3421-3460 | P. 076 | TR 3121-3124 | P. 098 | TR 3168-3175 | P. 120 | TR 3082-3092 | P. 152 |
| TR 3061-3066 | P. 080 | TR 3125-3130 | P. 100 | TR 3176-3181 | P. 122 | TR $3220-3222$ | P. 156 |
| TR 3067-3081 | P. 082 | TR 3131-3136 | P. 102 | TR 357-3581 | P. 122 | TR $3223-3227$ | P. 158 |
| TR 308-3092 | P. 086 | TR 3137-3142 | P. 104 | TR3184-3191 | P. 128 | TR $3228-3231$ | P. 160 |
| TR 3093-3097 | P. 088 | TR 3143-3143 | P. 106 | TR 3192-3195 | P. 132 | TR $3241-3243$ | P. 164 |
|  |  | TR 3148-3152 | P. 108 | TR 3196-3199 | P. 134 | TR $3244-3248$ | P. 166 |

## How to Take Measurements

## Ceiling mount inside the window frame

Subtract approx. 10 mm from
both the actual inner width and


- Outside mount covering the window frame Specify the actual outside sizes, both width and height, for finished dimensions.



## Option

Option Parts Color No additional charse
6 color line-up


## Installation Method


2. Installing the main unit
 clicks into place.
3. Removing the main unit (1) With the Screen rolled-up, grasp the main unit and, while pressing
the release button of the Bracket, pull it toward you.
Semove the main unit from the temporal hook.


Product Weight Guide

## MYTEC ONE-TOUCH LOOP DECORA [One-touch Chain Tye with Blind Box]

Dimension

| $\square$ Allowable Size |  | - Ball Chain Length |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Product width (W) | 310-2,000 | Product Height (H) | Ball Chai Length | Product Height (H) | Ball Chin Length |
| Product height (H) | 100-3,000 mm | -800 mm | 650 mm | 1,610-1,800 m | , 400 mm |
| Ratio ( W : H ) | $1: 3$ (limit) | $810-1,000 \mathrm{~mm}$ | 750 mm | 1,810-2,200 m | 1,600 mm |
| *Allowable size differs from Screen to Screen. <br> *For ordering, round down the nearest 5 mm in width and 10 mm in height |  | 1,010-1,200 mm | 900 mm | 2,210-2,600 mm | 1,8 |
|  |  | 210-1,40 | 1,100 mm | 2,610-2,800 m | 2,000 mm |
|  |  | ,410-1,600 mm | $1,300 \mathrm{~mm}$ | .000 min | 200 |
|  |  | *When installing the blind in a higher position than its product height, specify the Chain ength in 10 millimeters |  |  |  |


(T)

■Bracket


- Operation Method


Product Weight Guide
[In case TR-3067-308
Product width $1,000 \mathrm{~mm} \times$ Product height $1,000 \mathrm{~mm}: 2.4 \mathrm{~kg}$
Product width $2,000 \mathrm{~mm} \times$ Product height $2,000 \mathrm{~mm} \cdot 4.4 \mathrm{~kg}$ Product width $2,000 \mathrm{~mm} \times$ Product height $2,000 \mathrm{~mm}: 4.4 \mathrm{~kg}$

## $\square$ Available Screen Table

| Available Screen (28 series in total): inverted index of the Japanese catalog |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| TR 3001-3020 | P. 072 | TR 3098-3112 | P. 093 | TR 3157-3163 | P. 114 | TR 3196-3199 | P. 134 |
| TR 3401-3420 | P. 072 | TR $3498-3512$ | P. 093 | TR 3164-3167 | P. 116 | TR 3137-3142 | P. 136 |
| TR 3021-3060 | P. 076 | TR 3113-3120 | P. 096 | TR3168-3175 | P. 120 | TR 321-3219 | P. 150 |
| TR 3421-3460 | P. 076 | TR 3121-3124 | P. 098 | TR3176-3181 | P. 122 | TR 3614-3619 | P. 150 |
| TR 3061-3066 | P. 080 | TR $3125-3130$ | P. 100 | TR 3576-3581 | P. 122 | TR 3082-3092 | P. 152 |
| TR 3067-3081 | P. 082 | TR 3131-3136 | P. 102 | TR 3184-3191 | P. 128 | TR 3220-322 | P. 156 |
| TR 3082-3092 | P. 086 | TR 3137-3142 | P. 104 | TR 3192-3195 | P. 1 | TR $3228-3231$ | 160 |
| TR 3093-3097 | P. 088 | TR 315 | P. 112 |  |  |  |  |

## How to Take Measurements

## Celing mount inside the window frame

Subtract approx. 10 mm from
both the actual inner width and
both the actual inner
height of the window.


Outside mount covering the window frame Specify the actual outside sizes, both width and height, for finished dimensions.


## Option

Option Parts Color No additional charse
6 color line-up


## MYTEC DOUBLE [Double Spring Type]



Operation Method
Separate operation of the front and the back Screen is possible.


## How to Take Measurements



## Option

Option Parts Color No addrional charge
[Standard Type]

[With Pelmet]
Bracket with accompanying screws.

2. Installing the main unit
(1) Hook the outer groove of the Set Bar on the temporal hook (on the Bracket release button side).
(2) Push in the main unit until it clicks into place.
(2) Push in the main
[Standard Type]


With Pelmet]

3. Removing the main unit

With the Screen rolled-up, grasp the main unit and, while pressing the release button of the Bracket, pull it toward you. 2emove the main unit from the temporal hook


## MYTEC DOUBLE ONE CHAIN [Double Chain Typee]

$\xrightarrow{\text { Dimension }}$


■ Structure Drawing [With Pelmet]


$\square$ Side View [With Pelmet]


■ Product Width and Screen Width



Product Weight Guide


- Operation Method

- Lowering the Back Scree


Raising the Back Screen

How to Take Measurements


## MYTEC DOUBLE [price List tor Free Selaction]

- Screens for MYTEC DOUBLE

| Screen No. | Price Lank | Soreen No. | Price Lank | Screen No. | Price Lank | Screen No. | Price Lank | Screen No. | Price Lank | Sareen No. | Price Lank |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| TR3001-3020 | ${ }^{\prime}$ | TR3098-3112 | c | TR3143-3147 | - | TR3176-3181 | - | TR3200-3202 | - | TR3223-3227 | - |
| TR3021-3060 | $\mathrm{A}^{\prime}$ | TR3113-3120 | D | TR3148-3152 | J | TR3182,3183 | - | TR3203-3205 | - | TR3228-3231 | F |
| TR3061-3066 | D | TR3121-3124 | E | TR3153-3156 | A | TR3184-3191 | E | TR3206-3210 | - | TR3401-3420 | в |
| TR3067-3081 | D | TR3125-3130 | F | TR3157-3163 | B | TR3192-3195 | E | TR3211-3213 | - | TR3421-3460 | A |
| TR3082-3092 | D | TR3131-3136 | F | TR3164-3167 | E | TR3196-3199 | E | TR3214-3219 | D | TR3498-3512 | ${ }^{\text {B }}$ |
| TR3093-3097 | F | TR3137-3142 | F | TR3168-3175 | E | TR3137-3142 | F | R3220-3222 | - | $\xrightarrow{\text { TR3576-3581 }}$ | - |

- Price
(1) $A \times A$

|  | ${ }^{400}{ }_{-500}$ | ${ }^{505}{ }_{-800}$ | 805 | $\begin{aligned} & 1,205 \\ & -1,600 \end{aligned}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 200-800 | 21,700 | 25,500 | 28,900 | 32,300 | 35,800 |
| 810-1,200 | 23,600 | 28,500 | 32,300 | 36,000 | 39,800 |
| -1, | 25,50 | 31,600 | 35,800 | 39,600 | 43,700 |
| -2,0 |  | 3,6 | 39,200 | 43,200 | 47,700 |
| 10-2,400 |  | 37,700 | 42,600 | 47,2 | 52,5 |
| 0-2,80 |  |  | 46,0 | 51,20 |  |


| $\text { Weight }(\mathrm{mm})$ | ${ }^{400}{ }_{-500}$ | ${ }^{505}-800$ | $\begin{array}{r} 805 \\ -1,200 \\ \hline \end{array}$ | $\begin{aligned} & 1,205 \\ & \hline-1,600 \\ & \hline \end{aligned}$ | $\xrightarrow{1,605}{ }_{-2,000}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 200-800 | 22,800 | 26,600 | 30,300 | 33,900 | 37,500 |
| 810-1,200 | 24,800 | 30,000 | 33,900 | 37,800 | 41,800 |
| 1,210-1,600 | 26,800 | 33,300 | 37,500 | 41,700 | 46,000 |
| 1,610-2,000 | - | 36,600 | 41,100 | 45,600 | 50,300 |
| 2,010-2,400 | - | 39,900 | 44,900 | 49,800 | 55,100 |
| 2,410-2,800 | - | - | 48,700 | 54,100 | 59,600 |
| - Ratio (V:H), LTL |  |  |  |  |  |
| (3) $\mathrm{A} \times \mathrm{B}$ |  |  |  |  |  |
| Height ( mam $)$ m | ${ }^{400}{ }_{-500}$ | ${ }^{505}{ }_{-800}$ | ${ }^{805}{ }_{-1,200}$ | $\begin{aligned} & 1,205 \\ & -1,600 \end{aligned}$ | $\begin{aligned} & 1,665 \\ & \hline-2,000 \end{aligned}$ |
| 200-800 | 23,900 | 28,000 | 31,700 | 35,400 | 39,100 |
| 810-1,200 | 26,100 | 31,200 | 35,300 | 39,100 | 43,200 |
| 1,210-1,600 | 28,300 | 34,400 | 38,900 | 42,800 | 47,300 |
| 1,610-2,000 | - | 37,700 | 42,500 | 46,500 | 51,300 |
| 2,010-2,400 | - | 40,900 | 46,000 | 50,600 | 56,200 |
| 2,410-2,800 | - | - | 49,500 | 55,600 | 61,200 |


| Weight (mm) | ${ }^{400}{ }_{-500}$ | ${ }^{505}-800$ | ${ }_{-1,200}^{805}$ | $\begin{aligned} & 1,205 \\ & -1,600 \end{aligned}$ | $\begin{aligned} & 1,605 \\ & -2,000 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 200-800 | 25,000 | 29,100 | 33,000 | 36,900 | 40,800 |
| 810-1,200 | 27,300 | 32,600 | 36,800 | 40,900 | 45,200 |
| 1,210-1,600 | 29,600 | 36,100 | 40,600 | 44,900 | 49,500 |
| 1,610-2,000 | - | 39,700 | 44,400 | 48,900 | 53,900 |
| 2,010-2,400 | - | 43,200 | 48,300 | 53,200 | 58,900 |
| 2,410-2,800 | - | - | 52,200 | 57,600 | 63,400 |

(5) $A \times C$

| $\text { Height }(\mathrm{mm}) \text { Width }(\mathrm{mm})$ | ${ }^{400} 500$ | ${ }^{505}$ | $\begin{array}{r} 805 \\ -1,200 \\ \hline \end{array}$ | $\begin{aligned} & 1,205 \\ & -1,600 \\ & \hline \end{aligned}$ | $\begin{aligned} & 1,605 \\ & \hline-2,000 \\ & \hline \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 200-800 | 25,600 | 30,200 | 34,500 | 38,900 | 43,300 |
| 810-1,200 | 28,100 | 33,800 | 38,400 | 43,100 | 47,700 |
| 1,210-1,600 | 30,500 | 37,400 | 42,300 | 47,300 | 52,200 |
| 1,610-2,000 | - | 41,000 | 46,200 | 51,400 | 56,700 |
| 2,010-2,400 | - | 44,600 | 50,300 | 56,00 | 61,80 |
| 2,410-2,800 | - | - | 54,40 | 60,60 | 66,500 |

## (6) $\mathrm{A} \times \mathrm{D}$

 $\begin{array}{llllll}200-800 & 26,600 & 31,300 & 35,800 & 40,200 & 44,700\end{array}$ \begin{tabular}{llllll}
$810-1,200$ \& 29,400 \& $3,5,000$ \& 39,800 \& 44,500 \& 49,300 <br>
\hline

 

$\quad 610-1,000$ \& 29,400 \& 35,000 \& 39,000 \& 44,500 \& 49,300 <br>
\hline $1,210-1,600$ \& 32,200 \& 38,700 \& 43,700 \& 48,800 \& 53,800 <br>
\hline

 

$1,610-2,000$ \& - \& 42,400 \& 47,700 \& 53,100 \& 58,400 <br>
\hline $2,010-2,400$ \& - \& 46,100 \& 52,000 \& 57,800 \& 63,700

 

\hline $2,010-2,400$ \& - \& 46,100 \& 52,000 \& 57,800 \& 63,700 <br>
\hline $2,410-2,800$ \& - \& - \& 56,300 \& 62,600 \& 68,600 <br>
\hline
\end{tabular} $\frac{2,410-2,800}{\text { - Ratio (W:H), Limit 1:3 }}$

## (7)AXE

 \begin{tabular}{llllll}
$200-800$ \& 28,200 \& 33,000 \& 37,700 \& 42,300 \& 47,000 <br>
\hline

 

$1,210-1,600$ \& 34,200 \& 40,600 \& 45,800 \& 51,100 \& 56,300 <br>
\hline

 

$1,21,610-2,000$ \& - \& 44,400 \& 49,900 \& 55,400 \& 60,900 <br>
\hline 1,

 

\hline $2,010-2,400$ \& - \& 48,200 \& 54,600 \& 60,600 <br>
\hline 20,6000 <br>
\hline

 

$2,410-2,800$ \& - \& - \& 59,200 \& 65,700 <br>
72,000 <br>
\hline
\end{tabular} - Ratio (W:H), Limit 1:3

- TR3121-312 M Maximun
(8) $\mathrm{A} \times \mathrm{F}$

 \begin{tabular}{rrrrrr}
$200-800$ \& 28,500 \& 33,600 \& 38,400 \& 43,300 \& 48,100 <br>
\hline

 

$810-1,200$ \& 31,700 \& 37,500 \& 42,700 \& 47,800 \& 53,100 <br>
\hline $120,-1,600$ \& 34,800 \& 41400 \& 47,000 \& 52,400 \& 58,90

 

\hline $1,211-1,600$ \& 34,800 \& 41,400 \& 47,000 \& 52,400 \& 58,000 <br>
\hline $1610-2,000$ \& - \& 45330 \& 51,300 \& 57,000 \& 62,000 <br>
\hline

 

\hline $2,010-2,400$ \& - \& 49,200 \& 56,200 \& 62,400 \& 68,900 <br>
\hline

 

\hline $2,410-2,800$ \& - \& - \& 61,100 \& 67,800 \& 74,500 <br>
\hline
\end{tabular} - Ratio (W:H), Limit 1:3

## (9) $A \times J$

 \begin{tabular}{rrrrrr}
$200-800$ \& 31,900 \& 37,400 \& 42,700 \& 48,000 \& 53,300 <br>
\hline $810-1,200$ \& 35,800 \& 42,100 \& 48,100 \& 53,700 \& 59,400 <br>
\hline

 

$810-1,200$ \& 35,800 \& 42,100 \& 48,100 \& 53,700 \& 59,400 <br>
\hline $1,210-1,600$ \& 39,700 \& 46,900 \& 53,500 \& 59,400 \& 65,500 <br>
\hline

 

$1,210-1,600$ \& 39,700 \& 46,900 \& 53,500 \& 59,400 \& $6,5,500$ <br>
\hline $1,610-2000$ \& - \& 51,600 \& 58,900 \& 65,100 \& 71,600 <br>
\hline

 

$1,610-2,000$ \& - \& 51,600 \& 58,900 \& 65,100 \& 71,600 <br>
\hline $2010-2,400$ \& - \& 56,400 \& 64,400 \& 71,400 \& 78400 <br>
\hline $2,402,000$ \& \& \& \&

 

\hline $2,010-2,400$ \& - \& 56,400 \& 64,400 \& 71,400 \& 78,400 <br>
\hline $2,410-2,800$ \& - \& - \& 69,800 \& 77,700 \& 84,900 <br>
\hline
\end{tabular} $\xrightarrow{\text { Ratio ( } \text { ( }: H 1) \text { Limit } 1: 3}$

${ }^{(10} A^{\prime} \times A^{\prime}$

 \begin{tabular}{rrrrrr}
Heght ( ( ml$)$ \& -500 \& -800 \& $-1,200$ \& $-1,600$ \& $-2,000$ <br>
\hline $200-800$ \& 24,000 \& 27,800 \& 31,600 \& 35,400 \& 39,200 <br>
\hline $810-1,200$ \& 26,100 \& 31,400 \& 35,400 \& 39600 \& 43,700

 

$810-1,200$ \& 26,100 \& 31,400 \& 35,400 \& 39,600 \& 43,700 <br>
\hline $1,210-1,600$ \& 28,200 \& 3,000 \& 39,200 \& 43,700 \& 48,300 <br>
\hline

 

$1,210-1,600$ \& 28,200 \& 35,000 \& 39,200 \& 43,700 \& 48,300 <br>
\hline $1,610-2,000$ \& - \& 38,600 \& 43,000 \& 47,900 \& 52,900 <br>
\hline 2

 2,010-2,400 

42,200 \& 47,200 \& 52,500 \& 57,800 <br>
\hline
\end{tabular} 2,410-2,800

Ratio (W:H), Limit t:3

(11) $A^{\prime} \times B$

| $\frac{(\text { madth }(m m)}{(m m)}$ | ${ }^{400}{ }_{-500}$ | ${ }^{505}-800$ | ${ }^{805}-1,200$ | $\begin{aligned} & 1,205 \\ & -1,600 \end{aligned}$ | $\begin{aligned} & 1,605 \\ & -2,000 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 200-800 | 25,000 | 29,100 | 33,000 | 36,900 | 40,800 |
| 810-1,200 | 27,300 | 32,600 | 36,800 | 40,900 | 45,200 |
| 1,210-1,600 | 29,600 | 36,100 | 40,600 | 44,900 | 49,500 |
| 1,610-2,000 | - | 39,700 | 44,400 | 48,900 | 53,900 |
| 2,010-2,400 | - | 43,200 | 48,300 | 53,200 | 58,900 |
| 2,410-2,800 | - |  | 52,200 | 58,600 | 64,40 |

- Ratio ( $:$ :H), Limit $1: 3$

| ${ }_{\text {Highth }} \text { Midath (mm) }$ | ${ }^{400}{ }_{-500}$ | ${ }^{505} 800$ | ${ }_{-1,200}^{805}$ | $\begin{aligned} & 1,205 \\ & \hline-1,600 \end{aligned}$ | $\begin{array}{\|c\|} \hline 1,605 \\ \hline \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 200-800 | 26,200 | 30,300 | 34,300 | 38,400 | 42,500 |
| 810-1,200 | 28,500 | 34,100 | 38,300 | 42,700 | 47,200 |
| 1,210-1,600 | 30,900 | 37,900 | 42,300 | 47,000 | 51,800 |
| 1,610-2,000 | - | 41,700 | 46,300 | 51,300 | 56,500 |
| 2,010-2,400 | - | 45,500 | 50,600 | 55,900 | 61,50 |
| 2,410-2,800 | - | - | 54,900 | 60,600 | 66,500 |

(13 $A^{\prime} \times C$

 \begin{tabular}{llllll}
$200-800$ \& 26,700 \& 31,300 \& 35,900 \& 40,400 \& 45,000 <br>
\hline $810-1000$ \& 2,300 \& 35200 \& 3,000 \& 4,900 \& 49,700

 

$1,210-1,600$ \& 31,900 \& 39,100 \& 44,000 \& 49,400 \& 54,500 <br>
\hline

 

$1,210-2,000$ \& - \& 43,000 \& 48,100 \& 53,800 \& 59,200 <br>
\hline 1,
\end{tabular} $2,010-2,400-46,900 \quad 52,600588,700 \quad 64,500$ $2,410-2,800 \quad-\quad-57,000 \quad 63,500 \quad 69,700$

## (14) $A^{\prime} \times D$



 \begin{tabular}{llllll}
$810-1,200$ \& 30,600 \& 36,400 \& 41,300 \& 46,300 \& 51,300 <br>
\hline

 

\hline $1,210-1,600$ \& 33,500 \& 40,400 \& 45,500 \& 50,900 \& 56,100 <br>
\hline $1610-200$ \& - \& 44,400 \& 49600 \& 55400 \& 66,000 <br>
\hline

 

$2,010-2,400$ \& - \& 48,400 \& 54,300 \& 60,500 \& 66,400 <br>
\hline

 

$1,0,010-2,400$ \& - \& 48,400 \& 54,300 \& 60,500 \& 66,400 <br>
\hline $2,410-2,800$ \& - \& - \& 58,900 \& 65,500 \& 71,800 <br>
\hline
\end{tabular} - Ratio ( W:H), Limit 1:3

| $\text { Weight }(\mathrm{mm}) \text { Width }(\mathrm{mm})$ | $4_{-500}$ | $\stackrel{505}{-800}$ | ${ }^{805}{ }_{-1,200}$ | $\begin{aligned} & 1,205 \\ & -1,600 \end{aligned}$ | $\begin{aligned} & 1,665 \\ & \hline-2,000 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 200-800 | 29,300 | 34,200 | 39,000 | 43,800 | 48,700 |
| 810-1,200 | 32,400 | 38,200 | 43,300 | 48,500 | 53,600 |
| 1,210-1,600 | 35,600 | 42,300 | 47,500 | 53,200 | 58,600 |
| 1,610-2,000 | - | 46,400 | 51,800 | 57,800 | 63,500 |
| 2,010-2,400 | - | 50,500 | 56,900 | 63,200 | 69,300 |
| 2,410-2,800 | - | - | 61,900 | 68,600 | 75,100 |

## ${ }^{6} A \times F$

 \begin{tabular}{rrrrrr}
Height ( mm$)$ \& -500 \& -800 \& $-1,200$ \& $-1,600$ \& $-2,000$ <br>
\hline $200-800$ \& 29,700 \& 34,700 \& 39,800 \& 44,800 \& 49,800 <br>
\hline 200

 

$200-800$ \& 29,700 \& 34,700 \& 39,800 \& 44,800 \& 49,800 <br>
\hline $810-1,200$ \& 32,900 \& 38,900 \& $4,, 000$ \& 49,600 \& 55,100 <br>
\hline

 

$810-1,200$ \& 3,960 \& 38,900 \& 44,200 \& 4,600 \& 55,100 <br>
\hline $1,210-1,600$ \& 36,100 \& 43,100 \& 48,700 \& 5,5000 \& 60,300 <br>
\hline 1,

 

$1,610-2,000$ \& - \& 47,300 \& 53,200 \& 59,300 \& 65,500 <br>
\hline $2010-200$ \& - \& 51,400 \& 58500 \& 65000 \& 71600

 

$2,010-2,400$ \& - \& 51,400 \& 58,500 \& 65,000 \& 71,600 <br>
\hline $2,410-2,800$ \& - \& - \& 63,800 \& 70,700 \& 77,700
\end{tabular} $2,410-2,800 \quad-\quad-\quad 63,800 \quad 70,700 \quad 77,700$

(17) $A^{\prime} \times J$

 \begin{tabular}{rrrrrr}
$200-800$ \& 33,000 \& 38,500 \& 44,000 \& 49,500 \& 55,100 <br>
\hline

 

$810-1,200$ \& 37,000 \& 43,600 \& 49,600 \& 55,500 \& 61,400 <br>
\hline

 

$1,210-1,600$ \& 41,000 \& 48,600 \& 55,200 \& 61,500 \& 67,800 <br>
\hline

 

$1,610-2,000$ \& - \& 53,600 \& 60,800 \& 67,500 \& 74,100 <br>
\hline $2010-2,400$ \& - \& 58700 \& 66600 \& 74,100 \& 81,100 <br>
\hline

 

$2,410-2,800$ \& - \& - \& 72,400 \& 80,600 \& 88,000 <br>
\hline
\end{tabular} $\frac{2,410-2,800}{\text { Ratio (W-H) Limit } 1 \cdot 3}$

## ${ }^{18} \mathrm{~B} \times \mathrm{B}$

 $\begin{array}{lrrrrr}\text { Height ( }(\mathrm{ml}) & -500 & -800 & -1,200 & -1,600 & -2,000 \\ 200-800 & 26,100 & 30,400 & 34,400 & 38,400 & 42,400\end{array}$ \begin{tabular}{rrrrrr}
$200-800$ \& 26,100 \& 30,400 \& 34,400 \& 38,400 \& 42,400 <br>
\hline $810-1,200$ \& 28,500 \& 33,900 \& 38,200 \& 42,200 \& 46,600 <br>
\hline

 

\hline $101-, 200$ \& 28,5000 \& $3,97,300$ \& 38,200 \& 42,200 \& 46,600 <br>
\hline $1,210-1,600$ \& 31,000 \& 37,000 \& 42,000 \& 46,000 \& 50,800 <br>
\hline

 

$1,610-2,000$ \& - \& 40,700 \& 45,800 \& 49,800 <br>
\hline

 

\hline $2,010-2,400$ \& - \& 44,100 \& 49,400 \& 54,000 <br>
\hline 29,900 <br>
\hline
\end{tabular} 2,410-2,800

## ${ }^{(19)} B^{\prime} \times B^{\prime}$



 \begin{tabular}{llllll}
$1,210-1,600$ \& 33,700 \& 40,700 \& 45,500 \& 50,200 \& 55,300 <br>
\hline

 $\frac{1,20-1,000}{1,610-2,000}$ 

$2,010-2,400$ \& 48,700 \& 54,000 \& 59,300 \& 65,200 <br>
\hline $2,410-2,400$
\end{tabular} $\xrightarrow[2,410-2,800]{ } \quad-\quad 58,400 \quad 64,100 \quad 70,300$ - Ratio (W:H), Limitit 1:3

## (20) $\mathrm{B} \times \mathrm{C}$

 \begin{tabular}{rrrrrrr}
Height (m) \& -500 \& -800 \& $-1,200$ \& $-1,600$ \& $-2,000$ <br>
\hline $200-800$ \& 27,800 \& 32,600 \& 37,300 \& 41,900 \& 46,600 <br>
\hline

 

$810-1,200$ \& 30,500 \& 36,400 \& 41,400 \& 46,200 \& 51,200 <br>
\hline

 

$1,1210-1,600$ \& 33,300 \& 40,200 \& 45,500 \& 50,500 \& 55700 <br>
\hline

 

$1,610-2,000$ \& - \& 44,000 \& 49,500 \& 54,800 \& 60,300 <br>
\hline

 

$2,010-2,400$ \& - \& 47,800 \& 53,700 \& 59,400 \& 65,500 <br>
\hline
\end{tabular} 2,410-2,800

$\begin{array}{llll}- & 57,900 & 65,000 & 71,300\end{array}$ - Ratio ( W:H), Limit 1:3

## (21) $B \times D$

 \begin{tabular}{rrrrrr}
Heoght (m) \& -500 \& -800 \& $-1,200$ \& $-1,600$ \&,-- 000 <br>
$200-800$ \& 28,800 \& 33,800 \& 38,500 \& 43,300 \& 48,000 <br>
\hline

 

$810-1,200$ \& 31,900 \& 37,700 \& 42,700 \& 47,600 \& 52,700 <br>
\hline

 

\hline $1,210-1,600$ \& 34,900 \& 41,600 \& 46,900 \& 52,000 \& 57,300 <br>
\hline 16020,200 \& - \& 45500 \& 51,00 \& 56,400 \& 62000

 $\begin{array}{lllll}1,610-2,000 & - & 45,500 & 51,100 & 56,400 \\ 62,000\end{array}$ 

$1,010-2,400$ \& - \& 49,400 \& 55,400 \& 61,200 \& 67,400 <br>
\hline $2,410-2,800$ \& - \& - \& 59,800 \& 67,000 \& 73,400
\end{tabular} - Ratio (W:H), Limit $1: 3$

## (22) $\times \mathrm{E}$

 \begin{tabular}{rrrrrr}
Height ( $(\mathrm{mm})$ \& -500 \& -800 \& $-1,200$ \& $-1,600$ \& $-2,000$ <br>
\hline $200-800$ \& 30,400 \& 35,500 \& 40,400 \& 45,400 \& 50,300 <br>
\hline

 

$200-800$ \& 30,400 \& 35,500 \& 40,400 \& 45,400 \& 50,300 <br>
\hline $810-1,200$ \& 33,700 \& 39,500 \& 44,700 \& 49,800 \& 55,100 <br>
\hline

 

$1,210-1,600$ \& 37,000 \& 43,500 \& 49,000 \& 54,300 \& 59,800 <br>
\hline

 

$1,210,000$ \& - \& 47,500 \& 53,200 \& 58,800 \& 69,800 <br>
\hline $1,610-2,000$ \& - \& 51,600 \& 58,00 \& 64,000 \& 70,300 <br>
\hline $2010-2,40$ \& \& \& \& 62,00 \& <br>
\hline
\end{tabular} $2,010-2,400$

$\qquad$ $\begin{array}{cccc}51,400 & 58,000 & 64,000 & 70,300 \\ - & 62,700 & 70,200 & 76,700\end{array}$
2,410-2,800

- Ratio (W:H), Limit $1: 3$
Tra3121-3124 Maximu


## ${ }^{23} B \times F$

| Weight (mm) Width (mm) | ${ }^{400}{ }_{-500}$ | ${ }^{505} 800$ | $\begin{aligned} & 805 \\ & -1,200 \\ & \hline \end{aligned}$ | $\begin{gathered} \substack{1,205 \\ -1,600 \\ \hline} \end{gathered}$ | ${ }^{1,605}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 200-800 | 30,700 | 36,100 | 41,200 | 46,300 | 51,400 |
| 810-1,200 | 34,200 | 40,100 | 45,600 | 51,000 | 56,500 |
| 1,210-1,600 | 37,600 | 44,200 | 50,100 | 55,600 | 61,500 |
| 1,610-2,000 | - | 48,300 | 54,600 | 60,300 | 66,50 |
| 2,010-2,400 | - | 52,400 | 59,600 | 65,800 | 72,60 |
| 2,410-2,800 | - | - | 64,60 | 72,20 | 79,3 |


|  | - | 64,600 | 72,200 | 79,300 |
| :--- | :--- | :--- | :--- | :--- |

(24) $B \times J$

 \begin{tabular}{rrrrrr}
$200-800$ \& 34,100 \& 39,900 \& $-1,500$ \& $-1,600$ \& $-2,000$ <br>
\hline 810,500 \& 51,100 \& 56,700 <br>
\hline

 

$810-1,200$ \& 38,200 \& 44,800 \& 51,100 \& 56,900 \& 62,800 <br>
\hline

 

$1,210-1,600$ \& 42,400 \& 49,700 \& 56,700 \& 62,700 \& 69,000 <br>
\hline 1610,200 \& 54,700 \& 6230 \& 68,00 \& 75,200

 

$1,610-2,000$ \& - \& 54,700 \& 62,300 \& 68,400 \& 75,200 <br>
\hline $2,010-2,400$ \& - \& 59,600 \& 67,800 \& 74,800 \& 82,100 <br>
\hline $2,4,10$,

 

$1,010-2,400$ \& - \& 59,600 \& 67,800 \& 74,800 \& 82,100 <br>
\hline $2,410-2,800$ \& - \& - \& 73,300 \& 82,100 \& 89,600 <br>
\hline
\end{tabular} 2,410-2,800

${ }^{(25} \mathrm{B}^{\prime} \times \mathrm{B}^{\prime}$

 \begin{tabular}{rlllll}
$200-800$ \& 28,400 \& 32,700 \& 37,100 \& 41,500 \& 45,800 <br>
\hline $810-1$ \& 300 \& 31,000 \& 3670 \& 41300 \& 45800 <br>
50

 $\begin{array}{llllll}1,210-1,600 & 33,700 & 40,700 & 45,500 & 50,200 & 55,300\end{array}$ 

$1,210-2,000$ \& - \& 44,700 \& 49,600 \& 54,600 \& 60,100 <br>
\hline $1,610-2,36$

 

$2,010-2,400$ \& - \& 48,700 \& 54,000 \& 59,300 \& 65,200 <br>
\hline
\end{tabular} $2,410-2,800 \quad-\quad-58,400 \quad 64,100 \quad 70,300$ Ratio ( (:H)H, Limit 1:3

| $\text { Weight }(\mathrm{mm}) \text { Width }(\mathrm{mm})$ | ${ }^{400}{ }_{-500}$ | $505$ | 805 | $\begin{aligned} & 1,205 \\ & -1,600 \end{aligned}$ | $1,605$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 200-800 | 28,900 | 33,800 | 38,600 | 43,500 | 48,300 |
| 810-1,200 | 31,800 | 37,900 | 42,900 | 48,000 | 53,200 |
| 1,210-1,600 | 34,600 | 41,900 | 47,200 | 52,600 | 58,000 |
| 1,610-2,000 | - | 46,000 | 51,400 | 57,100 | 62,800 |
| 2,010-2,400 | - | 50,100 | 56,000 | 62,100 | 68,200 |
| 2,410-2,800 | - | - | 60,600 | 67,000 | 73,500 |
| - Ratio (W:H), Limit 1:3 |  |  |  |  |  |
| ${ }^{\text {(27 }} B^{\prime} \times \mathrm{D}$ |  |  |  |  |  |
| Width (mm) | ${ }^{400}{ }_{-500}$ | ${ }^{505}{ }_{-800}$ | 805 ${ }^{305}$ | $\begin{array}{l\|l\|l\|l\|l\|} \hline 1,205 \end{array}$ | $\begin{aligned} & 1,605 \\ & -2,000 \end{aligned}$ |
| 200-800 | 30,000 | 34,900 | 39,900 | 44,800 | 49,700 |
| 810-1,200 | 33,100 | 39,100 | 44,200 | 49,400 | 54,700 |
| 1,210-1,600 | 36,200 | 43,300 | 48,600 | 54,100 | 59,600 |
| 1,610-2,000 | - | 47,500 | 53,000 | 58,800 | 64,600 |
| 2,010-2,400 | - | 51,600 | 57,700 | 63,900 | 70,100 |
| 2,410-2,800 | - | - | 62,500 | 69,000 | 75,600 |
| - Ratio (W:H), Limit 1:3 |  |  |  |  |  |
| 28B' ${ }^{\text {P }}$ E |  |  |  |  |  |
| Height (manth (mm) | ${ }^{400}{ }_{-500}$ | ${ }^{505}{ }_{-800}$ | $\stackrel{805}{-1,200}$ | $\begin{aligned} & 1,205 \\ & -1,600 \end{aligned}$ | $\begin{aligned} & 1,665 \\ & \hline-2,000 \end{aligned}$ |
| 200-800 | 31,500 | 36,600 | 41,800 | 46,900 | 52,000 |
| 810-1,200 | 34,900 | 40,900 | 46,200 | 51,600 | 57,000 |
| 1,210-1,600 | 38,300 | 45,200 | 50,700 | 56,400 | 62,100 |
| 1,610-2,000 | - | 49,400 | 55,100 | 61,100 | 67,100 |
| 2,010-2,400 | - | 53,700 | 60,300 | 66,600 | 73,000 |
| 2,410-2,800 | - | - | 65,400 | 72,200 | 78,900 |

## 29 ${ }^{\prime} \times$

 \begin{tabular}{rrrrrr}
Hegrgt ( m m \& -500 \& -800 \& $-1,200$ \& $-1,600$ \& $-2,000$ <br>
$200-800$ \& 31,900 \& 37,200 \& 42,500 \& 47,800 \& 53,200 <br>
\hline

 

$810-1,200$ \& 35,400 \& 41,600 \& 47,200 \& 52,800 \& 58,500 <br>
\hline

 

\hline $1,210-1,600$ \& 38,900 \& 45,900 \& 51,800 \& 57,700 \& 63,800 <br>
\hline $1,610-, 2000$ \& - \& 50,300 \& 56,500 \& 62,700 \& 69,100 <br>
\hline

 

$1,610-2,000$ \& - \& 50,300 \& 56,500 \& 62,700 \& 69,100 <br>
\hline $2,010-2,400$ \& - \& 54,700 \& 61,900 \& 68,400 \& 75,300 <br>
\hline 2,4102, \& \& \& \&

 

$1,410-2,800$ \& - \& - \& 61,300 \& 74,200 \& 81,500 <br>
\hline
\end{tabular} Ratio ( : $:$ H), Limit $1: 3$

## ${ }^{(30)} B^{\prime} \times J$



 \begin{tabular}{llllll}
$2010-1,200$ \& 35,500 \& $4,, 200$ \& 55,600 \& 52,600 \& 58,4000 <br>
\hline 84,800 <br>
\hline

 

$1,210-1,600$ \& 43,700 \& 51,400 \& 58,400 \& 64,700 \& 71,300 <br>
\hline
\end{tabular}

 | $1,010-2,400$ | - | 61,900 | 70,100 | 77,500 | 84,800 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| $2,410-2,300$ |  |  |  |  |  | 2,410-2,600

(31) $\mathrm{C} \times \mathrm{C}$


 \begin{tabular}{llllll}
$200-800$ \& 29,500 \& 34,800 \& 40,100 \& 45,500 \& 50,800 <br>
\hline $810-1,200$ \& 32500 \& 3,000 \& 44,500 \& 50,200 \& 5,700 <br>
\hline

 

$1,210-1,600$ \& 35,600 \& 43,200 \& 48,900 \& 55,000 \& 60,700 <br>
\hline

 

$1,610-2,000$ \& - \& 47,400 \& 53,200 \& 59,700 \& 65,600 <br>
\hline

 

$1,010-2,400$ \& - \& 51,500 \& 58,000 \& 64,800 <br>
\hline $2,41,100$ <br>
\hline
\end{tabular} 2,410-2,800 $\quad-\quad-\quad 62,700 \quad 70,000 \quad 76,600$

- Ratio (W:H), Limit 1:3

| Width (mm) | ${ }^{400}{ }_{-500}$ | ${ }^{505}{ }_{-800}$ | ${ }^{805}{ }_{-1,200}$ | $\begin{aligned} & 1,205 \\ & \hline-1,600 \end{aligned}$ | $\begin{aligned} & 1,605 \\ & \hline-2,000 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 200-800 | 30,500 | 36,000 | 41,400 | 46,800 | 52,200 |
| 810-1,200 | 33,900 | 40,200 | 45,800 | 51,600 | 57,200 |
| 1,210-1,600 | 37,200 | 44,500 | 50,300 | 56,500 | 62,300 |
| 1,610-2,000 | - | 48,800 | 54,800 | 61,300 | 67,300 |
| 2,010-2,400 | - | 53,100 | 59,700 | 66,600 | 73,000 |
| 2,410-2,800 | - | - | 64,600 | 72,000 | 78,700 |
| - Ratio (W:H), Limitit $1: 3$ |  |  |  |  |  |
| ${ }^{(33)} \mathrm{CXE}$ |  |  |  |  |  |
| Weight (mm) | ${ }^{400}{ }_{-500}$ | ${ }^{505}{ }_{-800}$ | ${ }^{805}{ }_{-1,200}$ | $\begin{aligned} & 1,205 \\ & -1,600 \end{aligned}$ | $\begin{aligned} & 1,605 \\ & \hline-2,000 \end{aligned}$ |
| 200-800 | 32,100 | 37,700 | 43,300 | 48,900 | 54,500 |
| 810-1,200 | 35,700 | 42,000 | 47,800 | 53,800 | 59,600 |
| 1,210-1,600 | 39,300 | 46,400 | 52,400 | 58,800 | 64,700 |
| 1,610-2,000 | - | 50,800 | 57,000 | 63,700 | 69,900 |
| 2,010-2,400 | - | 55,100 | 62,300 | 69,400 | 76,000 |
| 2,410-2,800 | - | - | 67,600 | 75,100 | 82,000 |

TR3121-124 Maximum height: 2500 mm

## (3)



 \begin{tabular}{rrrrrr}
$200-800$ \& 32,400 \& 38,200 \& 44,000 \& 49,800 \& 55,600 <br>
\hline $810-1,200$ \& 36,100 \& 42,700 \& 48,800 \& 55,000 \& 61,000 <br>
\hline

 $\begin{array}{llllll}1,210-1,600 & 39,900 & 47,200 & 53,500 & 60,100 & 66,500\end{array}$ 

$1,610-2,000$ \& - \& 51,600 \& 58,300 \& 65,200 \& 71,900 <br>
\hline

 

$2,010-2,400$ \& - \& 56,100 \& 63,900 \& 71,200 \& 78,200 <br>
\hline $2,410-2,800$ \& - \& - \& 69,500 \& 77200 \& 84,00

 2,410-2,800 

56,100 \& 63,900 \& 71,200 \& 78,200 <br>

- \& 69,500 \& 77,200 \& 84,600 <br>
\hline
\end{tabular}


## ${ }^{35} \mathrm{C} \times \mathrm{J}$

| Width (mm) | ${ }^{400}{ }_{-500}$ | ${ }_{-805}{ }^{500}$ | ${ }^{805} 1,200$ | $\begin{aligned} & 1,205 \\ & \hline-1,600 \end{aligned}$ | $\begin{aligned} & 1,605 \\ & -2,000 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 200-800 | 35,800 | 42,000 | 48,300 | 54,600 | 60,800 |
| 810-1,200 | 40,200 | 47,400 | 54,200 | 60,800 | 67,400 |
| 1,210-1,600 | 44,700 | 52,700 | 60,100 | 67,100 | 74,000 |
| 1,610-2,000 | - | 58,000 | 66,000 | 73,400 | 80,500 |
| 2,010-2,400 | - | 63,300 | 72,100 | 80,200 | 87,70 |
| 2,410-2,800 | - |  | 78,100 | 87,100 | 95,00 |

- Ratio (W:H), Limit $1: 3$


## $\mathrm{D} \times \mathrm{D}$

 \begin{tabular}{lrrrrr}
Height ( mm$)$ \& -500 \& -800 \& $-1,200$ \& $-1,600$ \& $-2,000$ <br>
\hline $200-800$ \& 31,600 \& 37,100 \& 42,600 \& 48,100 \& 53,600 <br>
\hline

 

$200-1,200$ \& 35,200 \& 41,500 \& 47,200 \& 53,100 \& 58,800 <br>
\hline 8

 

$1,210-1,600$ \& 38,800 \& 45,800 \& 51,700 \& 58,000 \& 63,900 <br>
\hline 1610,200 \& 50,200 \& 5,30 \& 68 \&

 

$1,610-2,000$ \& - \& 50,200 \& 56,300 \& 62,900 \& 69,000 <br>
\hline

 

$2,010-2,400$ \& - \& 54,600 \& 61,400 \& 68,400 \& 74,900 <br>
\hline $2,410-2,800$ \& - \& - \& 66,500 \& 74,000 \& 80,800
\end{tabular} $2,410-2,800 \quad-\quad-66,500 \quad 74,000 \quad 80,800$

## 37 $\mathrm{D} \times \mathrm{E}$

 \begin{tabular}{llllll}
$200-800$ \& 33,100 \& 38,800 \& 44,500 \& 50,200 \& 55,900 <br>
\hline 10200

 

$1,210-1,600$ \& 40,900 \& 47,700 \& 53,800 \& 60,300 \& 61,400 <br>
\hline
\end{tabular}

 \begin{tabular}{lllll}
\hline $2,010-2,400$ \& - \& 56,700 \& 64,000 \& 71,200 <br>
\hline $2,10,900$ <br>
\hline

 

$2,410-2,800$ \& - \& - \& 69,500 \& 77,100 \& 84,100 <br>
\hline
\end{tabular}

- Ratio (W:H), Limit 1:3



## 40EXE



## (4) $\mathrm{E} \times \mathrm{F}$

 \begin{tabular}{llllll}
$200-800$ \& 35,000 \& 41,100 \& 47,200 \& 53,200 \& 59,300 <br>
\hline

 

$810-1,200$ \& 39,300 \& 45,700 \& 52,100 \& 58,600 \& 64,900 <br>
\hline

 

\hline $1,210-1,600$ \& 43,600 \& 50,400 \& 57,000 \& 68,900 \& 70,500 <br>
\hline 1

 

$1,610-2,000$ \& - \& 55,100 \& 62,000 \& 69,200 <br>
\hline $2010-2,400$ \& - \& 59,700 \& 68,200 \& 75,800 <br>
\hline 83,100 <br>
\hline

 

$2,410-2,800$ \& - \& - \& 74,300 \& 82,300 \& 90,000 <br>
\hline
\end{tabular}

Ratio (WH), Limit 1:3

- TR3121-3124 Maximum height: 2500 mm


## (42) $\mathrm{E} \times \mathrm{J}$

 \begin{tabular}{rrrrrr}
$200-800$ \& 38,300 \& 44,900 \& 51,400 \& 58,000 \& 64,600 <br>
\hline

 

$-810-1,200$ \& 43,400 \& 50,400 \& 57,500 \& 64,500 \& 71,300 <br>
\hline

 $\begin{array}{llllll}1,210-1,600 & 48,400 & 55,900 & 63,600 & 70,900 & 78,000\end{array}$ $\begin{array}{r}1,610-2,000 \\ \hline 2,010-2,400\end{array}$ $\qquad$ 2,010-2,400 

$6,6,400$ \& 69,700 \& 77,400 \& 84,800 <br>
\hline 66,000 \& 76,300 \& 84,800 \& 92,600 <br>
\hline

 $2,410-2,800 \quad-\quad-\quad 83,000 \quad 92,200 \quad 100,400$ 

- Ratio $W$ WHI), Limit 1:3 <br>
TR3312-3124 Maximum height: 2500 mm <br>
\hline
\end{tabular}


## ${ }^{43} \mathrm{~F} \times \mathrm{F}$

 \begin{tabular}{crrrrr}
Height ( (m) \& -500 \& -800 \& $-1,200$ \& $-1,200$ \& $-2,000$ <br>
\hline $200-800$ \& 35,400 \& 41,700 \& 47,900 \& 54,200 \& 60,500 <br>
\hline

 

$200-800$ \& 35,400 \& 41,700 \& 47,900 \& 54,200 \& 60,500 <br>
\hline $810-1,200$ \& 39,800 \& 46,400 \& 53,100 \& 59,700 \& 66,400

 

$1,210-1,600$ \& 44,100 \& 51,200 \& 58,200 \& 65,200 \& 72,200 <br>
\hline

 

$1,210,0,000$ \& - \& $55,, 900$ \& 63,300 \& 70,700 \& 78,100 <br>
\hline $1,610-2,000$

 

$1,601-2,000$ \& - \& $5,0,700$ \& $63,, 800$ \& 70,600 <br>
$2,010-2,400$ \& 7, \& 69,400 <br>
\hline

 

\hline $2,410-2,800$ \& - \& - \& 76,200 \& 84,400 \& 92,600 <br>
\hline
\end{tabular} $\bigcirc$ Ratio ( (H) H), Limit $1: 3$

## (44) $\mathrm{F} \times J$

 \begin{tabular}{rrrrrr}
Height (m) \& -500 \& -800 \& $-1,200$ \& $-1,600$ \& $-2,000$ <br>
\hline $200-800$ \& 38,700 \& 45,500 \& 52,200 \& 58,900 \& 65,700 <br>
\hline

 $\begin{array}{llllll} & 2010-1,200 & 43,800 & 51,100 & 58,500 & 65,600\end{array} \quad 72,700$ 

\hline $1,210-1,600$ \& 49,000 \& 56,700 \& 64,700 \& 72,200 \& 79,800 <br>
\hline 1010,200 \& \& 62,000 \& 71,000 \& 78,900 \& 89,900

 

$1,010-2,400$ \& - \& 67,900 \& 77,900 \& 86,600 \& 94,900 <br>
\hline

 

$2,410-2,800$ \& - \& - \& 84,900 \& 94,300 \& 102,900 <br>
\hline
\end{tabular} - Ratio ( W:H), Limit 1:3

## (45) $J \times J$

 | Height ( m$)$ | -500 | -800 | $-1,200$ | $-1,600$ | $-2,000$ |
| ---: | ---: | ---: | ---: | ---: | ---: |
| $200-800$ | 42,000 | 49,300 | 56,500 | 63,700 | 70,900 | $\begin{array}{llllll} & 810-1,200 & 47,900 & 55,700 & 63,900 & 71,500\end{array} 79,100$

 \begin{tabular}{llllll}
$1,2101,000$ \& - \& 68,600 \& 78,700 \& 87,100 \& 95,400 <br>
\hline $1,610-2,000$ \& - \& 75100 \& 86100 \& 9500 \& 10,400 <br>
\hline 2010,24,

 

$1,010-2,400$ \& - \& 75,100 \& 86,100 \& 95,600 \& 104,400 <br>
\hline $2,410-2,800$ \& - \& 81,600 \& 93,500 \& 104,200 \& 113,300 <br>
\hline
\end{tabular} - Ratio (W:H), Limit $1: 3$

## MYTEC SKYLIGHTER [sprig Type for Slope and skylight Windows]



| Components | Materials |
| :---: | :---: |
| (1) Side Holder Set | stainless steel press forming, plastic molded |
| (2) Bracket | stainless steel press forming, plastic molded |
| (3) Set Bar | aluminum extrusion |
| (4) Roller Pipe | aluminum extrusion |
| (5) Guide Wire | nylon-coated stainless steel |
| (6) Weight Bar | aluminum extrusion |
| (7) Side Guide Set | plastic molded |
| (8) Wall Fixing Plate | steel press forming |
| (9) Bottom Frame | aluminum extrusion |
| (1) Lift Cord | synthetic fiber |
| (11) Pulley Guide | plastic molded |
| (1) Stopper | plastic molded |
| (3) Pull Ball | plastic molded |
| (4) Screen | Materials differ de |



- Attachments

■ Allowable Angle

- Product Width and Screen Width



## Available Screen Table

Available Screen (4 series in total): inverted index of the Japanese catalog

| TR 3148-3152 | P. 108 | TR 3220-322 | P. 156 | TR 3241-3243 | P. 164 | TR $3244-3248$ | P. 166 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

## How to Take Measurements <br> Ceiling mount inside the window fram

Subtract approx. 10 mm from both the actual
inner width and height of the window.

- Outside mount covering the window frame Specify the actual outside sizes, both width and
height. for finished dimes height, for finished dimensions.


Operation Method


How to Take Up the Screen Slack
The Screen slacks when closed. Minimize the slack by giving tention.
DAfter instalatat
the Stopper.
(2) Turn the de dial on the right end of the Pipe to toighten
-
scause of the sereen weight the sack ran not be elininieded thoroughly. Do


Installation Method

1. Bracket installation

DPosition of Brackets: appropriate to locate the Bracket in a position $5-7 \mathrm{~cm}$ inward from each end
If three Brackets or more are required, install the Bracket in between at equal intervals.

(ait the Bracket with acco

. Installing the main unit
Hook the Set Bar on nit
2) Push in the main unit until it clicks into place.

|  | © ${ }_{\text {W }}$ |
| :---: | :---: |
|  | temporal hook |
| Set bear <br> hungon | Set Bar - |
| the eemporal hook |  |
| Interior Exte |  |
| side |  |

3. Removing the main unit
(1) Pull the Set Bar toward you while pressing the white (2) Remove the main unit from the temporal hook

4. Bottom Frame installation
. Bottom Frame installation Fix the Frame Brackets inside the Bottom Frame at
the fixing holes and cover them with the Hole Caps. For wall installion, instal the Wall Fixing Plate on the wall 5. How to adjust the Guide Wire tension Trn the Tension Adjusting Screw to give enoug ension may cause malunction


FORTE LOOP [Loop Type for Larger Windows]
$\xrightarrow[\sim]{\text { Dimension }}$

| Product Height (H) | Cord Length | Product Height (H) | Cord Length |
| :---: | :---: | :---: | :---: |
| -800 mm | 650 mm | $3,010-3,200 \mathrm{~mm}$ | 2,400 mm |
| $810-1,000 \mathrm{~mm}$ | 750 mm | $3,210-3,400 \mathrm{~mm}$ | 2,600 mm |
| 1,010-1,200 mm | 900 mm | $3,410-3,600 \mathrm{~mm}$ | 2,800 mm |
| 1,210-1,400 mm | 1,100 mm | 3,610-3,800 mm | 3,000 mm |
| 1,410-1,600 mm | $1,300 \mathrm{~mm}$ | $3,810-4,000 \mathrm{~mm}$ | 3,200 mm |
| 1,610-1,800 mm | 1,400 mm | 4,010-4,200 mm | 3,400 mm |
| 1,810-2,200 mm | 1,600 mm | 4,210-4,400 mm | 3,600 mm |
| 2,210-2,600 mm | $1,800 \mathrm{~mm}$ | 4,410-4,500 mm | 3,800 mm |
| 2,610-2,800 mm | $2,000 \mathrm{~mm}$ | $4,510-4,700 \mathrm{~mm}$ | 4,000 mm |
| 2,810-3,000 mm | $2,200 \mathrm{~mm}$ | $4,710-5,000 \mathrm{~mm}$ | 4,200 mm |



- Weight Bar

TR-3223-3227, TR-3241- (Bamboo weave) Sudare Series: 3243, and TR-3244-3248:


## ■ Bracket



How to Take Measurements

- Ceiling mount inside the window frame

Subtract approx. 10 mm from both
the actual inner width and height of
the window.


Outside mount covering the window frame Specify the actual outside sizes, both width and height, for finished dimensions.


- Option Installation Aid
- Installation Aid 13 (2 pices)
Use aid when you instal the
se aid when you install the Bracket on the narrow surface,



## Operation Method

After instalataion, take the following procedures, first. Pull down the Cord in back a bit hard. With a click sound
he initial spring load becomes unlocked, and the Balancer begins to work, making ready to operate.


Put on the Bracket positioning tape.

(2With the Bracket positioning tape on, screw each Bracket of both sides firmly. Be aware that
both Brackets face each other correctly both Brackets face each other correctly.
The Bracket positioning tape has the same length as the The Bracket positioning tape has the same lentt as the
product width anter fitting the Brackets, take oft the
Bracket oositioning tape Bracket positioning tape.


3Insert the Screen on the plug side into the shaft of the Operation-side Bracket

(9Push up the Screen on the opposite side and snap the cener orking latch prevents it from falling.


Fit the Bracket Cover into place.


## Roll－up Diameter Guide

## MYTEC Series

## $\square$ Fitting Detail Drawing


－MYTEC DOUBLE，and MYTEC DOUBLE ONE CHAIN
Istandard］
Ceiling instalation $\quad$ Wall instalation
Installation Inside Curtain Box


| $\mathrm{A}=\mathrm{a}+\frac{\text { Roll－wp diameter }}{2}$ | （Unit：mm |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | $\begin{array}{\|c} \text { side } \\ \text { Holder } \end{array}$ | Lengtha | Prom | Length |
| MTEC | s | 52 | Pull Bal set | ${ }^{31}$ |
|  | $\llcorner$ | 62 | Weight Bar Cap | ${ }^{24}$ |
| MTIEC LOOP | s | ${ }_{62}^{52}$ | Weight Bar Cap | ${ }^{24}$ |
| MTIEC ONE：TOUCH LOOP | s | 52 | Weiot Bar Cap |  |
|  | $\llcorner$ | ${ }^{62}$ | Wegnt bar |  |
| MTEC for batrrom | s | 52 | Pull Bal Set | ${ }^{31}$ |
| MTEC Loop tor batroom | s | 52 | Weight Bar Cap | ${ }^{24}$ |
| MYTEC ONEETOUCH LOOP for bathrom | $s$ | 52 | Weight Bar Cap | ${ }^{24}$ |
| MTEC KOMAD | $\stackrel{\text { M }}{\square}$ | 35 39 | set | 19 |
| MTTEC LOOP KомADO | $s$ | ${ }_{35}$ |  |  |
|  | $\llcorner$ | 46 | Weight Bar Cap | 18 |
| MTTEC LOOP KOMADO tor bathroom | $\begin{aligned} & \mathrm{s} \\ & \hline \mathrm{~L} \end{aligned}$ | $\frac{35}{46}$ | Weight Bar Cap | 18 |
| MTTECSKYLIGHTER | M | 52 | Side Guide Set | 29 |
| FORTE LOOP | ${ }_{85}^{65}$ | ${ }_{65}^{65}$ | Weight Bar Cap | 24 |

$\underbrace{\text { nindow }}$


Installation Inside Curtain Box
Coling Instalation
2

| Screen Number | Series | Group |
| :---: | :---: | :---: |
| ［Standara］ |  |  |
| TR－3001－3020 | ルフォレーン | F |
| TR－3022－3060 | コル | G |
| TR－3061－3066 | ァーブル | G |
| TR－3067－3081 | tレr | E |
| TR－3082－3092 | トリアスオレーン | E |
| TR－3093－3097 | ティィ¢ | G |
| ［Blackut］ |  |  |
| TR－3098－3112 | コルシークル | J |
| тR－311－3120 | ッィート | J |
| TR－3121－3124 | ＝－4 | L |
| TR－3125－3130 | フレート | н |
| TR－3131－3136 | オーブ | 1 |
| TR－3137－3142 | ヶーゲェノ | J |
| TR－3143－3147 | セラ－LII | в |
| ［Sheer］ |  |  |
| TR－3155－3156 | コルトフォン | в |
| TR－3157－3163 | ハレカ | в |
| TR－3164－3167 | ヒュージ | в |
| ［Kitchen／Bathroom］ |  |  |
| TR－3168－3775 | リハレント | c |
| TR－317－3181 | ティーナ | E |
| TR－3182，3183 | 浴車釆光 | F |



Screen thickness（grouping）
ABCDEFGHIJK－XYZ

## Roll－up Diameters

MYTEC，MYTEC LOOP，MYTEC ONE－TOUCHLOOP，MYTEC for bathroon，MYTEC LOOP for bathroom，MYTEC ONE－TOUCH LOOP for bathroom
MYTEC DOUBLE，MYTEC DOUBIE ONE CHAIN MYTEC DDUBLE，MYTEC DOUBLE ONE CHAI


Side Holder Lapplies to the area shown in $\square$ and Side Holder $S$ Laplies tothe other．



| $\underset{\substack{\text { Proculut } \\ \text { Hegint }}}{\text { Group }}$ | G | H | ᄂ | R | s | T | u |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
| 400 | 45 | 45 | 46 | 53 | 55 | 61 | 63 |
| 800 | 48 | 48 | 50 | 60 | 62 | 71 | 74 |
| 1,200 | 50 | 50 | 54 | 67 | 69 | 80 | 84 |
| 1,600 | 53 | 53 | 57 | ${ }^{73}$ | 76 | 88 | ${ }^{93}$ |
| 2,000 | 55 | 56 | 60 | 78 | 82 | 96 | 101 |
| 2.400 | 58 | 58 | 63 | 83 | 87 | 103 | 108 |
| 2,800 | 60 | 60 | 66 | 88 | 92 | 109 | 115 |
| 3,200 | 62 | 62 | 69 | 92 | 97 | 115 | 122 |
| 3,600 | - | - | - | 97 | 102 | 121 | 128 |
| 4,000 | - | - | - | 101 | 106 | 127 | 134 |
| 4.400 | - | - | - | 105 | 110 | 132 | 140 |
| 4,800 | - | - | - | 109 | 115 | 137 | 145 |
| 5.000 | - | - | - | 110 | 117 | 140 | 148 |



Roll-up Diameter Guide

## Fitting Detail Drawing



## Screen Classification Table

| Screen Number | Group |
| :---: | :---: |
| TR-3701-3799 | c |
| TR-3710-3713 | d |
| TR-371-3-3717 | f |
| TR-3718-3722 | b |
| TR-3723-3726 | d |
| тR-3727-3732 | d |
| TR-3733-3735 $^{\text {a }}$ | c |

OLACOUCHE LIGHT

| Screen Number | Group |
| :---: | :---: |
| TR-373-3741 | - |

$$
\begin{aligned}
& \text { Screen thickness (grouping) } \\
& \hline \text { Shin de f g }
\end{aligned}
$$

## VISIC / LACOUCHE LIGHT Series



|  | a | b | c | d | e |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
| 400 | 32 | ${ }^{33}$ | ${ }^{34}$ | 35 | 36 |
| 800 | ${ }^{34}$ | 37 | 39 | 40 | 42 |
| 1,200 | ${ }^{37}$ | 40 | 42 | ${ }^{44}$ | 46 |
| 1,600 | 39 | ${ }^{43}$ | 46 | 48 | 50 |
| 2.000 | 41 | 46 | 49 | 52 | 54 |
| 2,400 | 43 | 48 | 52 | 55 | 58 |



## MYTEC LOOP KOMADO for bathroom [One-touch Chain Type for Bathroom]

Dimension

- Ball Chain Length

| Product Height $(H)$ |  |  |  |  |  |  | Ball Chain Length | Product Height $(H)$ | Ball Chain Length |
| :--- | :--- | :--- | :--- | :---: | :---: | :---: | :---: | :---: | :---: | | -800 mm | 650 mm | $1,410-1,600 \mathrm{~mm}$ | $1,300 \mathrm{~mm}$ |
| :---: | :---: | :---: | :---: | | $810-1,000 \mathrm{~mm}$ | 750 mm | $1,610-1,800 \mathrm{~mm}$ | $1,400 \mathrm{~mm}$ |
| ---: | ---: | ---: | ---: |
| $1,010-1,200 \mathrm{~mm}$ | 900 mm | $1,810-2,200 \mathrm{~mm}$ | $1,600 \mathrm{~mm}$ | | $1,010-1,200 \mathrm{~mm}$ | 900 mm | $1,810-2,200 \mathrm{~mm}$ | $1,600 \mathrm{~mm}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\mathbf{1 , 2 1 0 - 1 , 4 0 0 \mathrm { mm }}$ | $1,100 \mathrm{~mm}$ | $2,210-2,400 \mathrm{~mm}$ | $1,800 \mathrm{~mm}$ |
| When installing the bind in in a higher positon than it product height. specify the Chat |  |  |  | When instaling the blind in a higher positon than its product height, specify the Cha

lengtin in 10 milimeters.

$\square$ Side View

-The product height (H) is trom the to d
-The product height (H) is from the top of the Roller Pipe to the bottom of the Weight Bar
-() shows the size of the Side Holder L.



## $\square_{\text {Bracket }}$



Product Width and
creen Width


How to Take Measurements
Ceiling mount inside the window fram
Ubbtract approx. 10 mm from both the actual inner


- Outside mount covering the window frame Specify the actual outside sizes, both width and height, or finished dimensions.


Installation Method

## . Bracket installation

©osition of Brackets: appropriate to locate the
Bracket in a position 4-6 cm inward tro

2. Installation of the body
(1) Hook the Set Bar on the
temporal hook of the Bracket.
(2) Push in the main unit until it

3. Removing of the body
(1) Pull the Set Bar toward you
while pressing the Bracket
while pressing the Bracket
release button. release button.
Remove the m the temporal hook.


## VISIC LIGHT 《

| Dimension | - Allowable Size |  | Ball Chain Length |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
|  | Product Width (W) | $300-2,000 \mathrm{~mm}$ | Product Height (H) | Ball Chain Length |
|  | Product Height (H) | $300-2,800 \mathrm{~mm}$ | $300-740 \mathrm{~mm}$ | 750 mm |
|  | Ratio (W: H) | $1: 8$ (limit) | $750-1,640 \mathrm{~mm}$ | $\mathrm{H}-15 \mathrm{~mm}$ |
|  | *Allowable size differs from | in width and 10 mm in height | $1,650-2,800 \mathrm{~mm}$ | $\mathrm{H}-300 \mathrm{~mm}$ |
|  |  |  | When installing the blind height, specify the Chain | her position than its pr 10 millimeters. |

## How to Take Measurements

Ceiling mount inside the window frame
Subtract approx. 10 mm from bot
the actual inner width and heigh of the window.


Outside mount covering the window frame Specify the actual outside sizes, both width and height, for finished
dimensions.


VIIIC becomes tuly open when it reaches the product heigh.
Be aware of that when specifiying the product theight.

## Operation Method



## Installation Method



Installing the main unit
Hook the Set Bar on the temporal hook of the Bracket it until it clicks into place.

. Removing the main un
Pull the Set Bar toward you while pressing the Bracket release button.
Remove the main unit fro


## Option

Option Parts Color No acditional charse
2 colors line-up


## VISIC DECORA 《

Dimension

| - Allowable Size |  | Ball Chain Length |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Product width (W) | $300-2,000 \mathrm{~mm}$ | Product Height (H) | Ball Chain Length | Product Height (H) | Ball Chin Length |
| Product height (H) | $300-2,400 \mathrm{~mm}$ | -800 mm | 650 mm | 1,410-1,600 mm | 1,300 mm |
| Ratio (W: H) | $1: 8$ (limit) | $810-1,000 \mathrm{~mm}$ | 750 mm | 1,610-1,800 mm | 1,400 mm |
| *For ordering, round down the nearest 5 mm in width and 10 mm in height. |  | 1,010-1,200 mm | 900 mm | 1,810-2,200 mm | $1,600 \mathrm{~mm}$ |
|  |  | 1,210-1,400 mm | $1,100 \mathrm{~mm}$ | $2,210-2,600 \mathrm{~mm}$ | $1,800 \mathrm{~mm}$ |
|  |  | - When instaling the e bind in a higher position than its procuct height, specity the Chain |  |  |  |

## Product Overview



| Components | Materials |
| :---: | :---: |
| (1) Side Holder Set | plastic molded |
| (2) Bracket | stainless steel press forming, plastic molded |
| (3) Blind Box | aluminum extrusion |
| (4) Screen | polyester 100\% |
| (5) Weight Bar Cap | plastic molded |
| (6) Weight Bar | aluminum alloy |
| (7) Chain Connector ${ }^{\text {+1 }}$ | plastic molded |
| (8) Ball Chain | plastic molded, synthetic fiber |
| (9) Lower Limit Connector ${ }^{\text {22 }}$ | plastic molded |
| (10) Safety Tassel | plastic molded |

${ }^{2}$ Chain Connector can work the upper inimit.


- Product Width and Screen Width


■ Bracket


Product Weight Guide
In case TR-3710-371
Product width $1,000 \mathrm{~mm} \times$ Product height $1,000 \mathrm{~mm}: 2.3 \mathrm{~kg}$ Product width $2,000 \mathrm{~mm} \times$ Product height $2,000 \mathrm{~mm}: 5.1 \mathrm{~kg}$

## How to Take Measurements

Ceiling mount inside the window fram
Subtract approx. 10 mm from bot
the actual inner width and height of
the actual in
he window.


Outside mount covering the window fram
Specify the actual outside sizes, both
Specify the actual outside sizs
width and height, for finished


VIIIC becomes fully open when it reaches the product heig
Be aware of that when spocifying the procucuct height.

## Operation Method



Installation Method

1. Bracket installation
(1) Position of Brackets: appropriate to locate the
(1) Position of Brackets: appropriate to locate the
Bracket in a position $4-7 \mathrm{~cm}$ inward from each end. Bracket in a position $4-7 \mathrm{~cm}$ inward from each end.
If three Brackets are eqequired, install the Brackets in
betreen at equal intervals.
2. Installing the main unit
(1) Hook the Set Bar on the temporal hook of the Bracket.
(2) Push in the main unit tuntil it ticks into place


3. Removing the main unit
(1) Pull the Set Bar toward you while pressing the
(2) Remove the main unit from the temporal hook.


Option Parts Color NNo additional herase
3 colors line-up


## VISIC KOMADO 会



$\square$ Allowable Size $\qquad$ | Product Height (H) | $100-1,200 \mathrm{~mm}$ |
| :--- | :--- | | Ratio $(\mathrm{W}: \mathrm{H})$ | $1: 10$ (limit) |
| :--- | :--- |
| For ordering, round down the nearest 5 mm in width |  | For ordering, round dow

and 10 mm in height.

- Ball Chain Length

$\qquad$ | Product Height (H) | Ball Chain Length |
| :--- | :--- | $100-740 \mathrm{~mm}$ ${ }_{750-840 \mathrm{~mm}}^{100-740}$ $750-840 \mathrm{~mm}$ $850-1,640 \mathrm{~mm}$ $1,650-1,840 \mathrm{~mm}$

$1,850-2,400 \mathrm{~mm}$



Product Weight Guide [In case TR-3710-3713] Product width $1,000 \mathrm{~mm} \times$ Product height $1,000 \mathrm{~mm}: 1.2 \mathrm{k}$
Product Weight Guide [In case TR-3710-3713] Product width $1,000 \mathrm{~mm} \times$ Product height $1,000 \mathrm{~mm}$ : 1.2 kg

How to Take Measurements
Ceiling mount inside the window fram Cbbract approx. 10 mm from both the actual inner


Outside mount covering the window frame Specify the actual outside sizes, both width and heigh
oor finished dimensions. for finished dimensions.

VIIC becomes tuly open when it reaches the product heigh
Be aware of that when specifying the product heigh

2. Installing the main unit
(1) Hook the Set Bar on the
temporal hook of the reacke.t
(2)Push in the main unit until it
clicks into place.
clicks into place.


Removing the main unit
(1) Pull the Set Bar toward you
while pressing the Bracket

While eressing
release button.
(2) Remove the main unit from the


## LACOUCHE LIGHT



## How to Take Measurements

Ceiling mount inside the window frame
Subtract approx. 10 mm from bot
the actual inner width and height of the window.


Outside mount covering the window fram Specify the actual outside sizes, both width and height, for finished
dimensions.


VIIIC becomes fully open when it reaches the product heigh.
Be aware of that when specitying the product height.

## Operation Method



Light Control Method

- Opening the Screen
(light control method)
- Closing the Screen



## Installation Method

1. Bracket installation
(1)Position of Brackets: appropriate to locate the

2. Installing the main unit
(1) Hook the Set Bar on the temporal hook of the Bracket Pushin the main unit untili it clicks into place

3. Removing the main unit
(1) Pull the Set Bar toward you while pressing the

Bracket release button.
Remove the main unit
om the tempora

$\frac{\text { Option }}{\text { Option Parts Color No aditional charse }}$
2 colors line-up


## LACOUCHE DECORA

| Dimension | - Allowable Size |  | - Ball Chain Length |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Product Width (W) | 300-2,000 mm | Product Height (H) | Ball Chai Length | Product Height (H) | Bal Chain Length |
| $\xrightarrow{\text { Product width }(M)}$ | Product Height (H) | $300-2,400 \mathrm{~mm}$ | -800 mm | 650 mm | 1,410-1,600 mm | $1,300 \mathrm{~mm}$ |
|  | Ratio ( W : H ) | $1: 5$ (limit) | $810-1,000 \mathrm{~mm}$ | 750 mm | 1,610-1,800 mm | 1,400 mm |
|  | *For ordering, round down the nearest 5 mm in width and 10 mm in height. |  | 1,010-1,200 mm | 900 mm | 1,810-2,200 mm | 1,600 mm |
|  |  |  | 1,210-1,400 mm | 1,100 mm | $2,210-2,400 \mathrm{~mm}$ | $1,800 \mathrm{~mm}$ |
|  | *The product height is set when the Screen is closed. *Fully opened, it is 8 mm lower than the product height. (However, the Bottom Rail drops by approx. 15 mm it may interfere with the window frame or the floor, there is no hindrance to the tilting.) |  | *When installing the blind in a higher positon than its product height, specify the Chain length in 10 millimeters. |  |  |  |


How to Take Measurements

- Ceiling mount inside the window frame
Subtract approx. 10 mm from both the actual inner
width and height of the window.
- Outside mount covering the window frame

Specify the actual outside sizes, both width and heigh. for finished dimensions.


## Light Control Method



## LACOUCHE DECORA

Installation Method

1. Bracket installation
(1)Position of Brackets: appropriate to locate the
Bracket in a position $4-7 \mathrm{~cm}$ inward from each end. Bracket in a position $4-7 \mathrm{~cm}$ inward from each end.
If three Brackets are required, install the Brackets in between at equal intervals.

2. Removing the main unit

With the Screen rolled-up, grasp the main unit Bracket, pullit toward you.
(2) Remove the main unit from the temporal hook.


## Option

Option Parts Color No additional charge
6 color line-up


How to Correct Improper Winded Screen
Cause(s) of Improper Winding
A light-control type roller blind is delivered after having adjusted winding. But improper winding may occur if you do not use the blind properly

- When the product not installed horizontally
- When the Brackets not fitted in a proper location


How to Correct Improper Winding
The Screen has been set before shipment.
Should improper winding occur, however, correct it by adjusting the Balance Weight.



How to Order
LACOUCHE ordering guide
Follow ordering steps shown below.
step. 1 Specify your Screen number for LACOUCHE.
e.9.) TR-3736
$\downarrow$
step. $2 \begin{aligned} & \text { For the product dimensions (width and height), specify to round down the nearest e.g.) Width: } 800 \mathrm{~mm}, \text { Height } 1,000 \mathrm{~mm} \\ & 5 \mathrm{~mm} \text { in width and } 10 \mathrm{~mm} \text { in height }\end{aligned}$
step. 25 mm in width and 10 mm in height
-The product height is from the top of the Bracket to the bottom of the Bottom Rail when fuly opened.
-The Bottom Rail drops by approx. 7 mm while tiling and goos back to the original procuct theight after tiliting.
step. 3 specify the control position (right or left viewed from the interior side).
e.9.) Right hand coltrol
$\downarrow$
step. 4 Specify which installation method you choose: ceiling installation or wall installation.
e.9.) Celing instalation
,
step. 5 Select your part color
e.g.) WhitexLight Wood

Selecec your part color from White, White $L$ Light Wood, Whitex Dark Wood, Brown, Brown×Light Wood and Brown×Dark Wood.
We choose white if not specifed
We choose white if not specified.
step. 6 specify the quantity.

## Maintenance Sticker



- With the bar code reader of your mobile phone, you can read a 2 -dimensional bar code on the sticker and access our site to get the product information. -Attention: you may not be able to read the bar code if the sticker gets dirty or damaged.


[^0]:    Roll-up Diameter Guide - P. 53-
    Product Weight Guide

[^1]:    Product Weight Guide [In case TR-3067-3081] Product width $1,000 \mathrm{~mm} \times$ Product height $1,000 \mathrm{~mm}: 1.2 \mathrm{~kg}$

