## Accordion Doors

 Product Manual

## TOSO



Product Line-up


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Accordion DoorsProduct Manual

Product Name


Duplex


Duplex


The double structure that the inside The double structure that the inside is pantograph-shape framework, and is pantograph-shape framework, and paste the Fabric on it. paste the Fabric on it.

| Allowable Size | Product width: $\quad 550-5,000 \mathrm{~mm}$ <br> Product height: <br> $610-3,200 \mathrm{~mm}$ | Product width:Product height: $1,610-2,000 \mathrm{~mm}$ <br> Available Colors <br> Track and Handle Color <br> 66 colorsWhite <br> Platinum Gray <br> Dark Bronze |
| :--- | :--- | :--- |
| Long Handle type <br> Both Sides Handle type <br> Front and back different Fabric type <br> Upper part see-through type <br> Inlay system type <br> Lock system type <br> Handle lock system type <br> Curved type <br> Cut-out | White <br> Platinum Gray |  |
| Forn sides Handle type <br> Inlay system back different Fabric type <br> Curved type <br> *For customized products only. |  |  |
| Reference | Page 03 | Page 05 |

## CLOZA EXCEL



Installation Method

(2) Lift up the body, and attach the Track with screws (pan $\phi .5 \times 25$ ). (One person hold the body, and the other person attach the Track.). Install the Track with screws in order: first in the center of the Track ©, and next both ends $(2$
to become worse the slipping of Rollers.


For connecting Tracks]
First, attach one Track to the body.
Attach the Splice Pin to the other Track, and joint them not to make
any gap in the seam of both Tracks. Slide the Splice Pin in the seam of Tracks by using a fine-tipped tool such as a flat-blade screwdriver.
In the case of split
draw, attach the
Intermadiate Stop
in the connect part.

3) Attach the Magnet Adsorption Plate with screw (countersunk $\phi$ $3.1 \times 16$ ) to fit the Magnet position of the body.
(4) Ramove the Fabric that tied the body.

## 2. Removing of the main unit

## A. Caution

$\qquad$
Because it is dangerous to drop and fall down the main body, anothe
person should always sustain the main body by hand.
(1) Fold up the body, and move to the center
(2) Previously remove the screws at both ends $\mathbf{0}$, and remove the screw of the center last 3


## Operation Method

Opening and closing should always be done by gripping the Handle.

## How to Take Measurements

For the product dimensions, specify to round down the nearest 10 Height: subtract approx. 20 mm from the height of the opening height.


Subtract approx. 20 mm from the top of the carpet if you lay the carpet.

|  | $\begin{aligned} & \text { Accordion } \\ & \text { Door } \end{aligned}$ |
| :---: | :---: |
| Carpet | T 20 m rom |

## CLOZA LIGHT




- Handle Position


| (Unit mm |  |
| :--- | :--- |
| Product Height $(H)$ | Handle Position | | $1,610-1,800$ | $\mathrm{H}-700$ |
| :---: | :---: |
| $1,810-1,900$ | $\mathrm{H}-860$ | | $1,60-1,800$ | $\mathrm{H}-860$ |
| :---: | ---: |
| $1,810-1,900$ | $\mathrm{H}-80$ |
| $1,910-2,000$ | $\mathrm{H}-960$ |
| $2010-2,100$ | $\mathrm{H}-1000$ | | $2,010-2,100$ | $H-1,000$ |
| :---: | :---: |
| $2,110-2,300$ | $H-1,100$ | | $2,310-2,400$ |
| :--- |
| $H-1,200$ |



## Product Weight Guide

Product width $1,000 \mathrm{~mm} \times$ Product height $2,000 \mathrm{~mm}: 7.0 \mathrm{~kg}$ Product width $1,500 \mathrm{~mm} \times$ Product height $2,000 \mathrm{~mm}: 9.5 \mathrm{~kg}$ Product wid $2,000 \mathrm{~mm} \times$ Product height $2,000 \mathrm{~mm}: 12.5 \mathrm{~kg}$

Installation Methoo

2) Lift up the body, and attach the Track with screws (pan $\phi 3.5 \times 25$ ). (One person hold the body, and the other person attach the Track.) Install the Track with screws in order: first in the center of the Track , and next both ends $(2$
*Be careful not to scrape the Track with a screwdriver so as not Wecome worse the slipping of Rollers.

[For the split draw]
First, attach one Track to the body.
Attach another Track, and not to
Attach another Track, and not to
make any gap in the seam of Track. Attach the Intermadiate Stop in the connect part.


## 2. Removing of the main unit

## A. Caution

Because it is dangerous to drop and fall down the main hody, another
eerson should
(1) Fold up the body, and move to the center
(2) Previously remove the screws at both ends $\mathbf{0}$, and remove the screw of the center last (2)


## Operation Method

Opening and closing should always be done by gripping the Handle.

## How to Take Measurements

For the product dimensions, specif
[Costomized product]
Width: internal dimensions of a door frame
Height: subtract approx. 20 mm from the height of the opening height. [Standard product]
.

-Product height: from the Track top to the bottom of the product body

Subtract approx. 20 mm from the top of the carpet if you lay the carpet.


## Options

## Option Specification

Long Handle Type Antibacterial Long Handle type easier to grip than normal Handle. The elderly and wheelchair users, as well as healthy people are able to grip the Handle in a natural posture. The surface has been ntibacterial processing and it is clean.


Long Handle +
Lock System $\quad \begin{aligned} & \text { Long Handle }+ \\ & \text { Handle Lock System }\end{aligned}$

| Product Height (H) | Hande Position | Product Height (H) | Hande Position | Product Height (H) | Handle Positio |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 610-1,000 | none | 2,010-2,100 | H-1,226 | 2,710-2,800 | H-1,826 |
| 1,010-1,200 | H-746 | 2,110-2,300 | H-1,326 | 2,810-2,900 | H-1,926 |
| 1,210-1,700 | H-826 | 2,310-2,400 | H-1,426 | 2,910-3,000 | H-2,026 |
| 1,710-1,800 | H-926 | 2,410-2,500 | H-1,526 | 3,010-3,100 | H-2,126 |
| 1,810-1,900 | H-1,026 | 2,510-2,600 | H-1,626 | 3,110-3,200 | H-2,226 |
| 1,910-2,000 | H-1,126 | 2,610-2,700 | H-1,726 |  |  |

Long Handle: Platinum Gray


Both Sides Handle Type Antiacterial is possible to attach the Handle on both sides. If you want to open and close from
every side of left or right, it is recommended.

## Front and Back Different Fabric Type

## You can choose different pattern of

Fabrics in the front and back surface. As a partition, it is recommended in the place where is the taste of the room is different.

Caution
In the case of CLOZA EXCEL Handle lock type, please specify the Hadle position as
well as front and back Fabrics well as front and back Fabrics.

See-through Fabric (TD-5011-5015) is not available, Parts color is standard color of
standard color also can choose
CLOZA LIGHTL
*Parts color is standard color of surface Fabric, however back side Harts color is standara color of surface Fabric, however back side
Handle color is standard color of back surface Fabric. Some color other
than standard color also can choose.


Price $\frac{\text { Price }}{\text { No additional charge }}$

Available Types | CLOZA EXCEL | O |
| :--- | :--- | CLOZA LIGHT Price


 Split draw
Standard p pircof 5,200 Yen



Upper Part Fabric for See-through Type

You can choose upper part see-through type on front and back Fabrics. While hildren, also keeping their privacies.

$\qquad$ | Product Wiath $(\mathrm{W})$ |
| :--- |
| Product Height $(H)$ |
| For rordering. round down the nearest $10-30-5,000 \mathrm{~mm}$ |
| 100 mm | For rorefing. round down the nearest 10 mm both in width

and in height.

## Available Fabric

| Upper Part Fabric | TD-5011-5015 |
| :--- | :--- |


| Lower Part Fabric | TD-5001-501 <br> $5016-5066$ |
| :--- | :--- |

## Part Color

becomes the standard color of the lower part Fabric. Some color other than standard color so can choose.

## wo Types

 We have two types of upper see-through height.Please specify which height at the time of your Please
order.

 Upper part Fabic: :TD-5013
Lower part Fabric: TD-5017


## Inlay System Typ

By inlayed the Track to the ceiling, hanging roots look neat.
inlay type requires a groove processing to the eeling before installing the product.
CLOZA EXCEL


## - Lock System

Lock and unlock type by using the key. is recommended to the location where study or workplace.
The case of front and back different Fabic type, be sut
ospeciry the Fabicic product oode of the keyhole side




Available Types
O: alomade $x$ : nonaliona
cloza light
Price
One-way draw

Split draw
Standard p prico 25,400 ven


(with the head lock tra)
One-way draw
One-way draw, left lock

Lock side Fiont
Use one-side Fixing Frame
lock on the Side Frame side
[10__

${ }_{\text {Product widh }}$ (M)


Available Types


Price
One-way draw
Standard price 45,700 ven

Split draw
Standard orice-46,400 ver
Standarc pricice 46,400 ven
taxa oxucuded


Locked
Keyhole, knob color: Plutinum Gray
An emergency, you can unlock by fitting coin in the knob and turning. Or, you trongly with your fingers and turng

## Caution

In the case of front and back different Fabric type, please direct the front and back of the
Fabrics, and the Habdle lock position.

One-way draw


$$
\begin{aligned}
& \text { (ixide } \\
& \begin{array}{l}
\text { Use one-side Fixing Frame and one } \\
\text { Handie lock on the Side Frame side. }
\end{array}
\end{aligned}
$$



Available Types
: :alunabe x: :norationab cloza excel
CLOZA LIGHT

## Price

CLOZA EXCEL | Standard pice mut |
| :---: |
| texexexueded | CLOZA LIGHT

 Less tanan 100 yen is rounded.


Curved Track Length for Ordered Separately
CLOZA EXCEL: Maximum 4.5 m CLOZA EXCEL: Maximum 4.5 s
cLoZA LIGHT: Maximun 4 m


Available Types | CLOZA EXCEL | O |
| :--- | :--- | cloza light

CLOZA EXC | CLOZA EXC |
| :--- |
| 1 piece: 180 ven |

 CLOZA EXCEL
 It tekes delivery time if you order
it separatele. It separately

\section*{Available Types | CLOZA EXCEL | $\bigcirc$ |
| :--- | :--- |
| CLOZA LIGHT | $\times$ | Uperer cut-out

Standard pricet 16,00 ven

 Upper and Lower $\underset{\substack{\text { cut-out } \\ \text { Standar picee } 32,000 ~ Y e n ~}}{\text { taxeexclubed }}$}

## End Cap



Kamoi Bracket (for a Japanese sliding door)
Use to install the product on the lintel part.

## Available Types

ClOZA EXCEL CLOZA LIGHT
Price
$\frac{\begin{array}{c}\text { Preace: } 180 \text { ven } \\ \text { (taze exicideaf) }\end{array}}{\text { Price }}$
It takes delivery time if you order

## Attachment



$\underset{\substack{\text { Cloze } \\ \text { 1 Diece: } 320 \text { Ven }}}{ }$





$$
\begin{aligned}
& \text { (Un): } \\
& \xrightarrow[\substack{42}]{\substack{\text { ©-:- }}}
\end{aligned}
$$

| Product Width (mm) | Track |  | Number |
| :---: | :--- | :--- | :---: |
| $550-1,200$ | 1 |  | 3 |
| $1,210-1,650$ | 1 |  | 4 |
| $1,660-2,400$ | 1 |  | 5 |
| $2,410-3,300$ | 1 |  | 7 |
| $3,310-4,000$ | 1 |  | 9 |
| $4,010-4,500$ | 1 | (Optional) | 9 |
|  | 2 | (Standard) | 10 |
| $4,510-4,800$ | 2 |  | 10 |
| $4,810-5,000$ | 2 |  | 14 |

$$
\begin{array}{c|c}
\hline \text { Product Width (mm) } & \text { Number } \\
\hline 600-1,000 & 3 \\
\hline 1,010-1,50 & 4 \\
\hline 1,760-2,250 & 5 \\
\hline 2,260-2,750 & 7 \\
\hline 2,760-3,000 & 9 \\
\hline
\end{array}
$$



Side Frame
If the wall has a level difference because of the skirting board or between the product and wall.



Price
$\qquad$
tht takes delivery time if you order

## Wall Fitting

Use to fix one side of the product to the wall.

(Unit: mm) Locked



\section*{: alowabe $x$ : inoralowable} | CLOZA EXCEL | $\bigcirc$ |
| :--- | :--- |
| CLOZA LIGHT | $\bigcirc$ |

Price
Price

${ }_{\text {Cloze }}^{\text {(tax exluded) }}$



- Fixing Frame

It is used if the wall has a level difference because of the product to the wall.


## Price

## tpioce: 6.700 Yen taxexicuded

Alt takes delivery time if you orde
separately.


■ Adjustable Hanger Rod
Use to hang the product from the ceiling Two-hanging:
Use to support the Track in the middle hanging.
If the Track end can not be fixed to the wall, attach the Track with threehanging to prevent rolling the Track.
One place is necessary within a 500 mm interval.
position of both ends: approriate to em in a position $50-100 \mathrm{~mm}$ inward from each Track end.


Available Types


Price Adjustable Hanger Rod Adjustable Hangen
B400 ( $250-400 \mathrm{~mm}$ )

Adjustable Hanger Rod
 1 pieese: 1,470 ven
(axexexudueel
IIt taxes selelivery time if you order

Wall Bracket
se to fix the Frack on the wall at middle portio



## Maintenance Sticker

 the product. See this maintenance sticker when inquiries and repair of the product.

## How to Care

Wipe lightly with a cloth moistened with detergent if the product gets dirty
Do not use the paint thinner.

## How to Shorten the Height

## - cloza excel

.
(1) Remove the main unit from the Track, and remove the Cap End at the bottom of the body.
(2)emove the Frame Cushion, remove Cover ${ }^{\text {Cover. }}$
ince Frame Holder remains to the Cut rame side, take care not to lose it. (3) Peel off the Fabric about $100-200 \mathrm{~mm}$ from the Cut Frame.
 to shorten with a nipper, and cut out unnecessary part with folding several times. File the cut surface.

he purchasing product (custom-made product only) has been attached the maintenance sticker that describes the information about
(5) Cut the Fabric leaving the turn-up margin (of $20-50 \mathrm{~mm}$ ) to fit the Cut Frame. Undo the sewing thread as necessary.
*Tacking of the fixing screw should be to the extent that Frame Cover and th Frame Holder hit as shown in the figure.

(11) Fit the Frame Cover to the Cut Frame suit the position of the Handle, push strongly and fix it by tightening the fixing screw.
*Push the Frame Cover strongly and firmly
() Cut Frame Leather
(12) Attach the Frame Cushion and the Cap End. (3) Attach the main unit to the Track.
*If the slack of the Fabric has occurred, adjust the Fabric by pulling the tension from the bottom of Fabric, cut the tape.


- CLOZA LIGHT

| Avilable shorten the product height to the nearest 10 mm in the following range |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Product height (Two digits) | -0 | -10 | -20 | -30 | -40 | -50 | -60 | -70 | -80 | -90 |
| Allowable shortening length | 90 | $\begin{gathered} 00 \\ (60) \\ (0) \end{gathered}$ | $\begin{aligned} & 10 \\ & (70) \end{aligned}$ | $\begin{gathered} 20 \\ (80) \end{gathered}$ | $\begin{aligned} & 30 \\ & (90) \end{aligned}$ | 40 | 50 | 60 | 70 | 80 |

(1) Remove the main unit from the Track,
and remove the Cap End at the bottom of the body.
2) Remove the Cap End and the Frame (3) Peel of the bottom of the body. Cut Frame.

(4) Cut the Cut Frame in a length you want to shorten with nipper, and cut out unnecessary part with folding several times. File the cut surface.

(5) Cut the Fabric leaving the turn-up margin (of $20-50 \mathrm{~mm}$ ) to fit the Cut Frame. Undo e sewing thread as necessar (6) Bond the Fabric with double-sid
along the return line of Fabric.
(7) Cut the Framine of Fabric. (7) Cut the Frame Cover and the Frame
Cushion with hacksaw to fit the Cut Frame Cushion with hacksaw to fit the Cut Fra
(8) Paste the Fabric to the Cut Frame. (9) Push strongly the Frame Cover to the Frame, and attach the Cap End. (10) Attach the main unit to the Track.


If the slack of the Fabric has occurred adjust the Fabric by pulling the tension tape to the bottom. If the tape is visible
from the bottom of Fabric, cut the tape

(9) Insert the magnet to the Frame Cover and relocate to the original position. (10) Do a temporarily tacking of the fixing
screw and the Frame Holder to the Frame Cover.



