

www.highspeeddoorcoad.com



World's Best Speed Door Lineup

COAD
SAFER, SMARTER, STRONGER

Open Up World

Standard type COAD-1

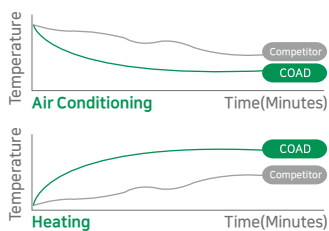
The best selling model
applied industrial site

Fast operation, 2-Step Open Control, Simple to replace each sheet



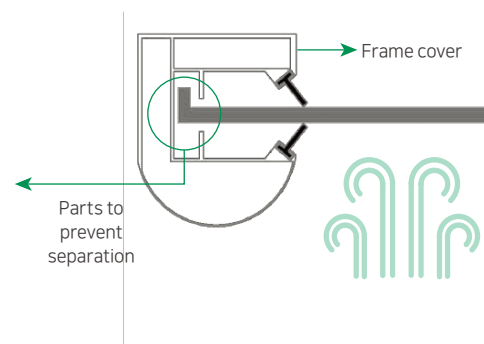
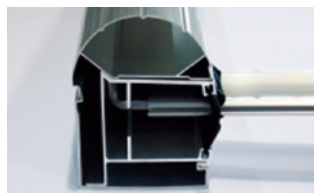
Keep the site cool and warm

As sealing structure, prevent to loss the cool and warm air and make energy efficiency



High strength Wind-lock structure

Applied parts in the frame to prevent separation from wind



"Special of COAD high speed door!"

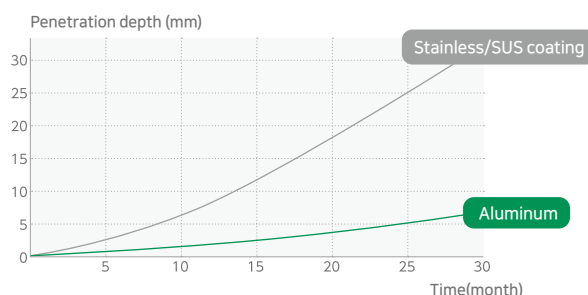
ITEM	Max. size	Max. wind pressure	Temperature	Components
COAD-1	(W) 6,000 * (H) 5,000	20m/sec	-20℃ ~70℃	DRUM ASS'Y / SHEET ASS'Y / MOTOR / CONTROLLER / SENSOR
COAD-3	(W) 10,000 * (H) 10,000	25m/sec		



No.1

All parts is Aluminum
Rust Prevention

As time-to-corrosion penetration depth test result,
Aluminum is **anti-corrosion effect** superior to stainless.



Bolted connection
Easy installation and relocation

Bolted connection, not welding is **clear·simple·safe** installation
and **easy relocation**.

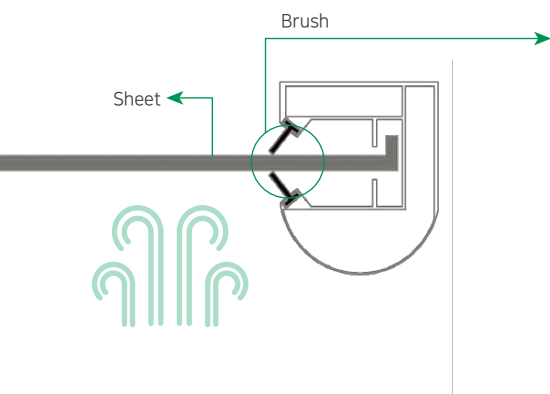


PVC sheet, mesh, etc.
Convenient sheet replacement

Replace the sheet of mesh, PVC sheet. It is **convenient** for maintenance.

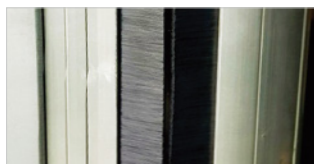


COAD-1



Sealing brush to prevent the insects, dust

Minimize the gap between frame and sheet
and prevent the inflow of outside objects



Effectiveness of sound absorbing

As the result of noise level in the open and close,
the door is **effective to reduce noise**.

Material	OPEN	CLOSED
Sound level(dB)	65	38

Recovery type COAD-3

Premium automatic door of
automatic recovery mechanism

Mainly installed in a site where it is highly to crash into an automatic door under heavy traffic of vehicles. Available for large size.



COAD-3

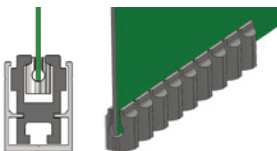


Safe bottom bar

Safety with flexible bar

Sealing zipper type (tooth)

The zipper type has sealing power.
Prevention of outside objects and
wind-pressure.



Automatic recovery mechanism

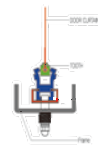
Convenient maintenance
and saving repair cost



① Impact



② Separation



(Crashed)



③ Recovery



(Operated)

Indoor type COAD-3S

Emergency exit and recovery door

Slim and compact design. Noise↓ Sealing power ↑



COAD-3S

Slim type COAD-2

Installed in a narrow space

The motor is built in drum



COAD-2

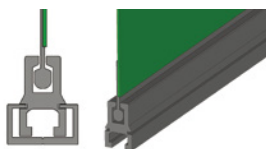
Emergency exit

Possible to escape the emergency situation like explosion, fire, earthquake.



Automatic recovery mechanism

Perform automatic recovery from outside impact



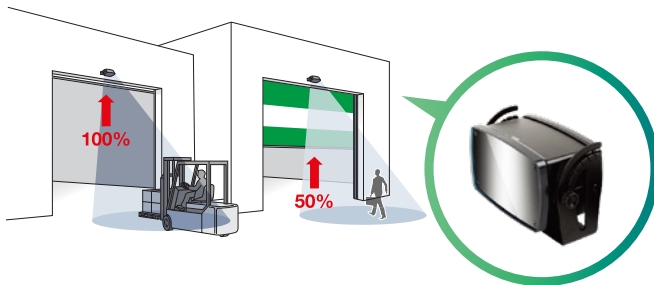
Compact motor

Applied compact cyclo drive reducer, maximize effectiveness and durability. The motor is built in drum, so it is possible to **secure the motor spaces**.



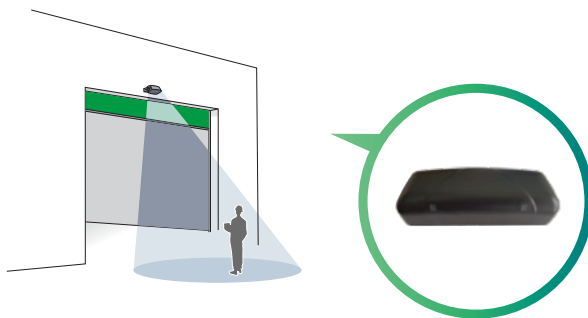
< Altax cyclo motor >

SENSORS



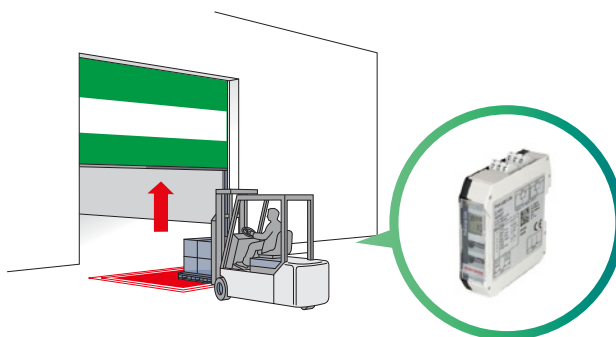
Herkules 2E

Detect and distinguish between people or vehicles.
Mask out crossing traffic, which prevents unnecessary opening and **lowers energy consumption**.



Prime motion C

Based on microwave technology.
User-friendly operation make it **easy to install** and mean it is **ready to use quickly**.
Its cross traffic masking and direction recognition functions avoid unnecessarily long opening times and **save energy**.



Loop detector

Laying loop detector and its connected coil on the ground.
Accurate detection control and stability.
Enable to prevent all types of interference by controlling four frequencies.

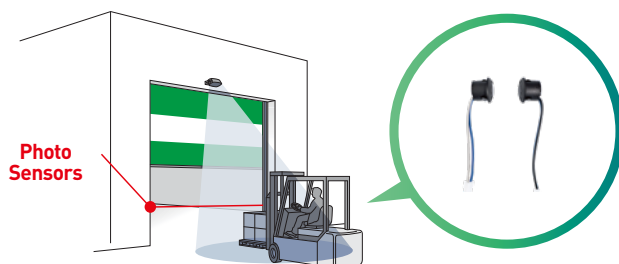


Photo sensor

Safety sensor of automatic door.
Detect the different height of vehicles and people.
Sun resistant(75,000Lux). Max. detection area is 10m

CONTROLLER

1. Inverter controller for speed door with the **world's best performance**
2. **Applicability to all automatic doors** such as basic type, recovery type, Counter balance and others
3. **Position controllability** for ENCODER / LIMIT TYPE
4. Applicability to **1HP ~ 3HP motor**
5. **2-Step Open Control** to differentiate persons from vehicles
6. **Compatibility with various devices** (air curtain, conveyor, light bar, etc.)
7. **Maximized insect-proof and cooling & heating effect** by setting an air curtain time
8. **Waterproof CASE** to prevent controller damage from rain inflow and flooding



MOTORS

Hyponic Motor

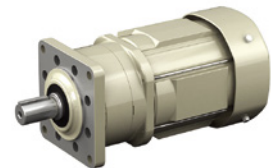
1. Vertical axis reducer with **high efficiency**: About 20% efficiency higher than worm gear; **more than 85% efficiency of reducer**
2. **Low noise & low vibration** than bevel reducer/average 52~65dB
3. **Increased gear strength and lifespan** through carburizing heat treatment
4. **Lightweight and optimization**: Installation space saving and case and reducer weight reduction by offset



< Hyponic Motor >

Altax Motor

1. Cyclo technology: Results in a **high shock-load resistance** and a **reduction in catastrophic failure**
2. **Low noise** : Quality components, tight tolerances, and rolling elements which reduce friction
3. **Compact flange** : Designed to accommodate tight mounting areas and save you space



< Altax Motor >



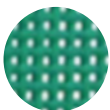
Orange



Blue



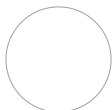
Gray



Mesh Sheet



Transparency
(yellow color)



Transparency

SHEETS

The world-class premium fabric (SOL Screen Coating)

- **No twist and pinhole of fabric**;
excellent adhesion strength for easy process
- **Surface treatment**: Fluorine (PVDF), acrylic, and PU treatment;
single-side & double-side repeated 1-5 times of treatment
- **Customized selection**
(antibacterial & flame-resisting dual weaving structure)

SAFER, SMARTER, STRONGER

COAD

COAD Co, Ltd.

COAD suggests the professional integrated solutions for automatic door.

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