TAMCO

THAI SWITCHBOARD AND METAL WORK CO., LTD.

CD SERIES CATALOG

INNOVATIVE TECHNOLOGY
SUPERIOR QUALITY
COMPETITIVE PRODUCT PRICE

ANAB ACCREDITED
ISO/IEC 17021
MANAGEMENT SYSTEMS CERTIFICATION BODY
CERTIFIED ISO9001:2015

WWW.TAMCO.CO.TH

ENCLOSURE IP RATING GUIDE

The Code and Rating System

IP **X** **X**

Code Letters
(IP=Ingress Protection)

SOLIDS

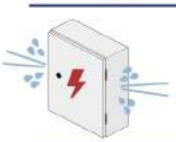
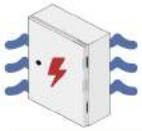
First Number	Level of protection against solid objects, materials or dust
0	No Protection
1	Protected against a solid object greater than 50 mm. (2~in), such as a hand.
2	Protected against a solid object greater than 12.5 mm. (1/2in), such as a finger.
3	Protection against a solid object greater than 2.5 mm. such as a screwdriver.
4	Protection against a solid object greater than 1.0 mm. such as a wire.
5	Dust proof. Dust must not penetrate to an extent that equipment operation or safety are impaired.
6	Dust-tight: No ingress of dust.

Example : TAMCO Control Desk: IP **4** **0**

First Number: Protected from a solid object greater than 1.0 mm.

Second Number: No water protection.

LIQUIDS

Second Number	Level of protection against water and other liquids
0	No Protection
1	Protected against vertically falling drops of water for 10 minutes at rate of 1 mm. /min.
2	Protected against diagonally falling(up to 15-deg.) drops of water for 10 minutes at rate of 3mm./ min.
3	Protected against diagonally falling(up to 60-deg.) spray (from a hose) for 5 minutes at 0.7 liters/min. at 80-100 kPa.
4	Protected against water splashed from all directions for 5 minutes at 10 liters/min at 80-100 kPa.
5	 Protected against a 6.3 mm. water nozzle for 3 minutes at 12.5 liters/min. at 30 kPa at a distance of 3m.
6	Protected against at 12.5 mm. water nozzle for 3 minutes at 100 liters/min. at 100 kPa at a distance of 3m.
7	 Protected against at 30 minutes submersion at a depth of 1m.
8	Protected against continuous submersion at a depth of 3m.

CD SERIES

CONTROL DESK

What is CD Series?

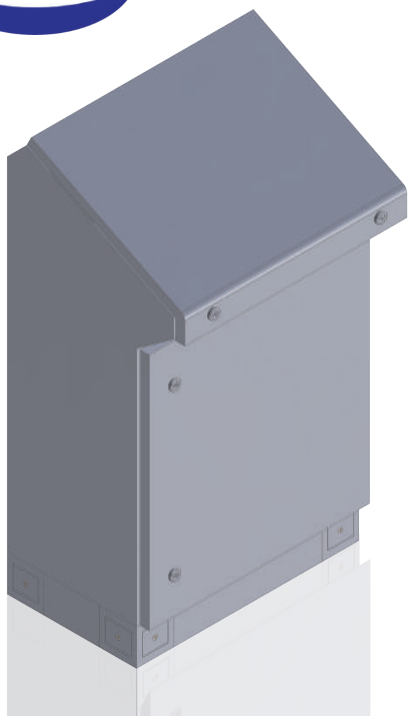
Control Desk Series (also called CD Series) is ergonomically designed for station operators. This series is suitable for controlling machinery system, electronics, and communication devices. Protection category is IP40. There are 12 standard designs available.

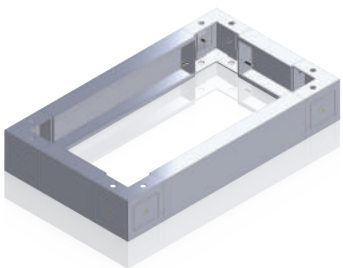
ตู้ควบคุมไฟฟ้า

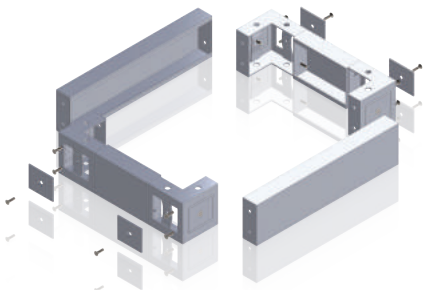
ออกแบบสำหรับใช้กับแผงควบคุมเครื่องจักร อุปกรณ์ไฟฟ้า และอุปกรณ์ที่ใช้ในการสื่อสาร สามารถกันฝุ่นและละอองน้ำได้ในระดับ IP40 มีขนาดมาตรฐานทั้งหมด 12 รูปแบบด้วยกัน

CD SERIES

BASE/PLINTH SYSTEM

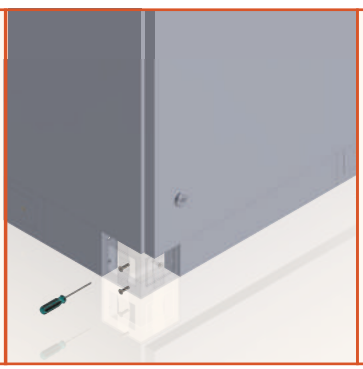






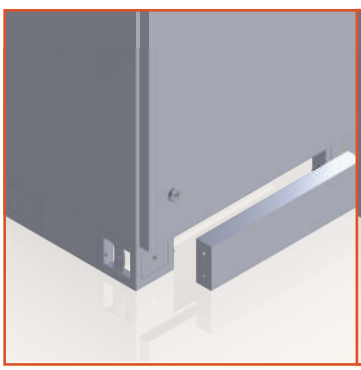
1. ใช้ไขควงไขสกรู เพื่อถอดแผ่นปิดสี่เหลี่ยมมุมฐานด้านซ้ายและด้านขวาออก

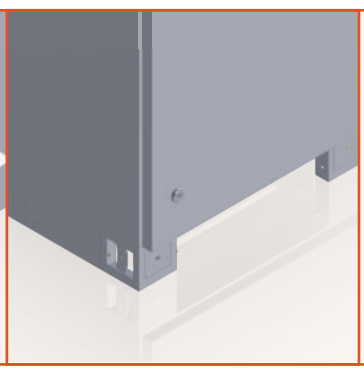
Using a screwdriver to remove the base corner cover plates on both left and right side.



2. ไขสกรูด้านในมุมฐานทั้งด้านหน้าและด้านหลังออก

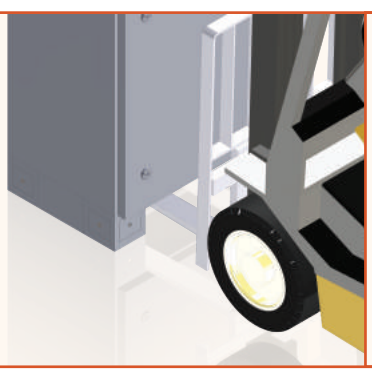
Unscrew the screws inside the base cover on both front and rear side.

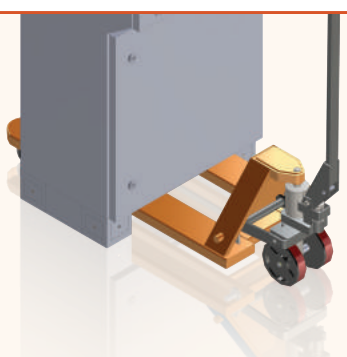




3. ถอดคานด้านกว้างของฐานออกทั้งด้านหน้าและด้านหลังเพื่อให้มีช่องว่างตรงกลาง เพื่อใช้สำหรับเข้าสายไฟหรือเชื่อมต่ออุปกรณ์ต่าง ๆ

Take off the beams on both front and rear side for maneuvering purpose, cable entry, wiring or connecting to other equipment.





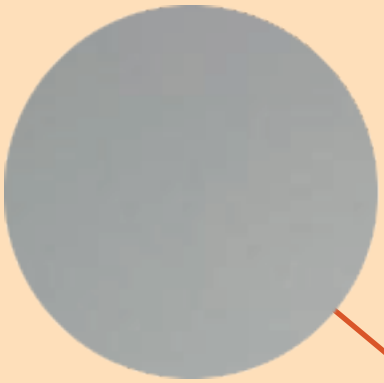
4. ในส่วนของการขนย้ายสามารถใช้รถ forklift หรือ hand lift เสียบตรงกลางทำให้สะดวกในการเคลื่อนย้ายตู้

The control desk can be maneuvered conveniently by inserting a forklift or a hand lift under the control desk.

Contents

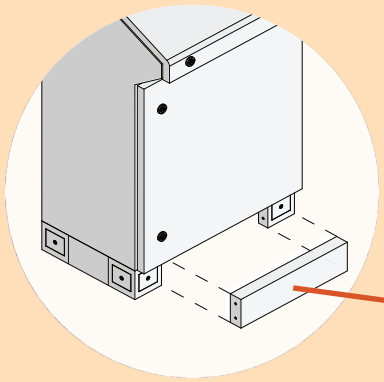
Innovative Technology 1
Product Specification & Price Lists
- CDA Series - Single door 3
- CDA Series - Double door 5
- CDB Series - Single door 7
- CDB Series - Double door 9
- CDC Series - Single door 11
- CDC Series - Double door 13
- CDS Series 15

Other Products 17



Electro-Galvanized Steel

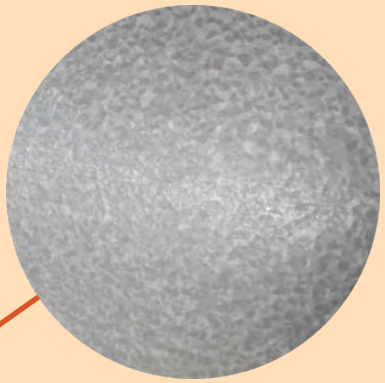
- Provides higher corrosion resistance and higher performance.
- Long life - the life expectancy of electro-galvanized steel is around 20-30 years.



Maneuverability

- The CD Series' base is designed for ease of maneuvering. By removing the screws at the base, customers can easily use a forklift to move it.

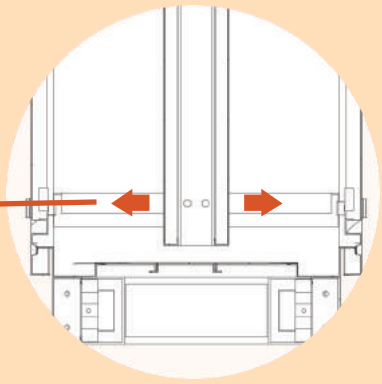
Innovative Technology



Aluminium-Zinc Steel as Mounting Plate

- Aluminium-zinc steel - with its mixture of Aluminium, Zinc and Silicon, it gives superior long term corrosion resistance.

- Ease of electrical components installation.



Accessibility

- CD Series is designed to conveniently access the wiring system inside the panel.

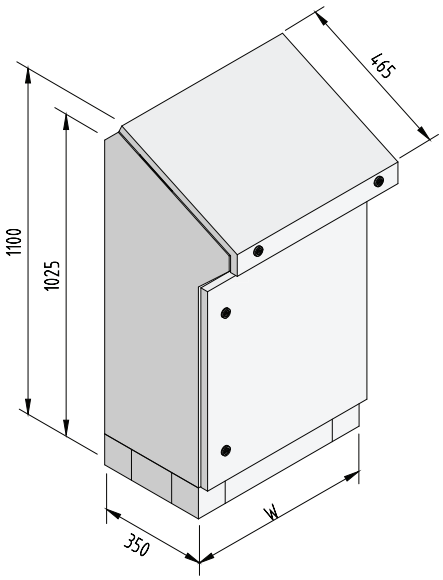
- With a movable mounting plate, CD Series can be adjusted to serve any functions.

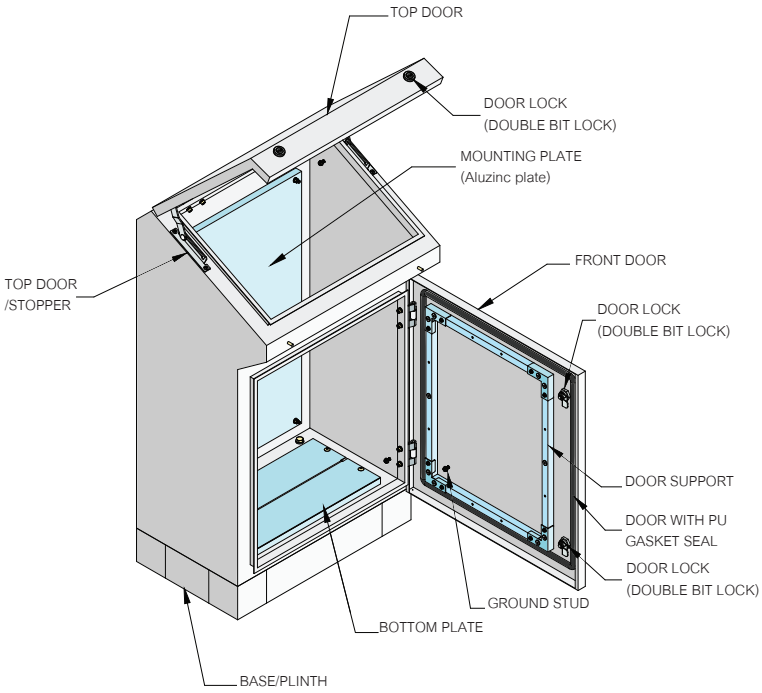
FRONT ACCESS, SINGLE DOOR

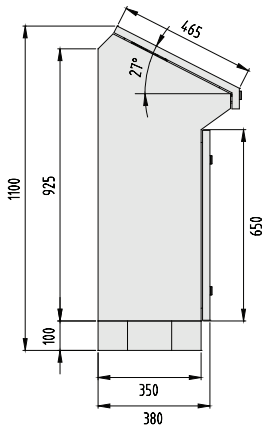
Specification

Material	Electro-Galvanized Steel (EG)		Aluminium-Zinc Coated Steel (Aluzinc)	
Thickness (mm.)	Enclosure Frame	Door	Mounting Plate	Bottom Plate
	1.5	1.5	2.0	1.5
Finished Surface	Polyester powder coated with UV Protection paint RAL-7035		Aluminium-Zinc Coated Steel (Aluzinc)	
Protection Rating	IP40			
Supply includes	-Enclosure frame with door -Mounting plate -Bottom plate -Door and cover with PU gasket seal -Double bit lock with key			

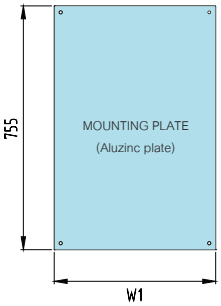
FRONT ACCESS, SINGLE DOOR



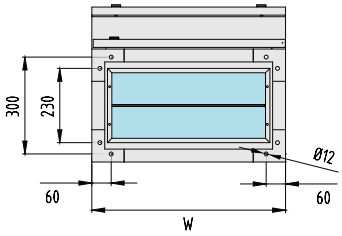




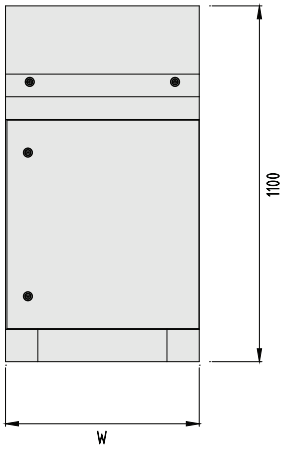
SIDE VIEW



FRONT MOUNTING PLATE



BOTTOM VIEW



FRONT VIEW

Price List

UV Protection Paint · Aluzinc Plate Inside · IP-40

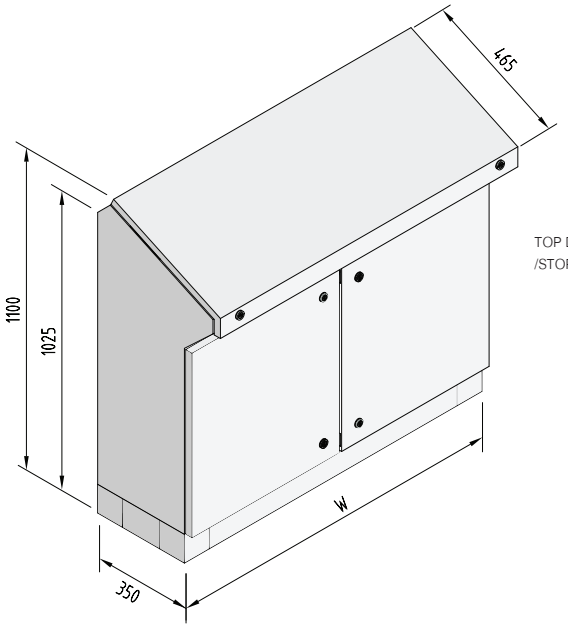
รุ่น Model	ขนาดตู้ Enclosure Dimension (mm.)			เพลทยึดอุปกรณ์ Mounting Plate (Aluzinc Plate)		น้ำหนักตู้ Approx. Weight (Kg.)	ราคาต่อหน่วย Unit Price (Baht)
	Width (W)	Height (H)	Depth (D)	Dimension (mm.) W1	H1		
CDA-600	600	1100	350	500	755	63	14,000.00
CDA-800	800	1100	350	700	755	77.5	16,000.00

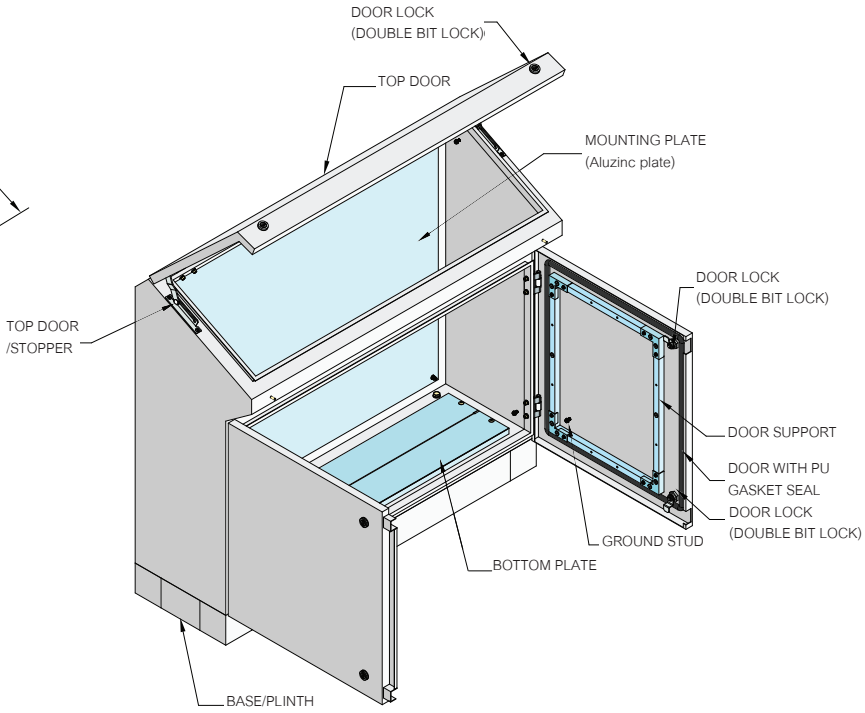
Prices and availability of information are subjected to change without notice.

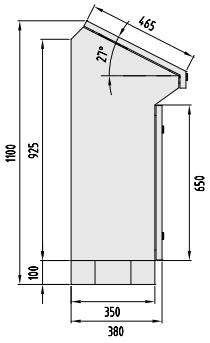
Specification

Material	Electro-Galvanized Steel (EG)		Aluminium-Zinc Coated Steel (Aluzinc)	
Thickness (mm.)	Enclosure Frame	Door	Mounting Plate	Bottom Plate
	1.5	1.5	2.0	1.5
Finished Surface	Polyester powder coated with UV Protection paint RAL-7035		Aluminium-Zinc Coated Steel (Aluzinc)	
Protection Rating	IP40			
Supply includes	-Enclosure frame with door -Mounting plate -Bottom plate -Door and cover with PU gasket seal -Double bit lock with key			

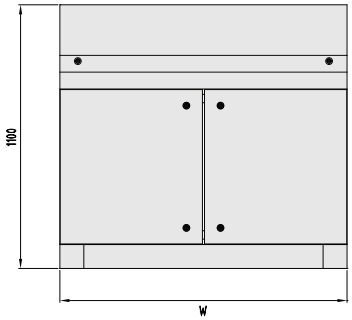
FRONT ACCESS, DOUBLE DOOR



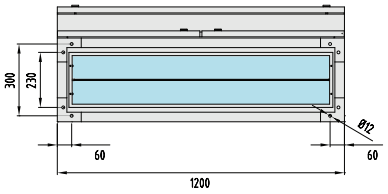




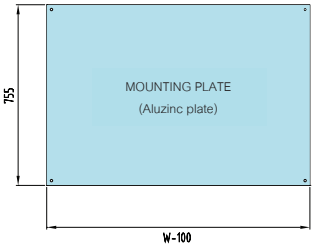
SIDE VIEW



FRONT VIEW



BOTTOM VIEW



FRONT MOUNTING PLATE

Price List

UV Protection Paint · Aluzinc Plate Inside · IP-40

รุ่น Model	ขนาดตู้ Enclosure Dimension (mm.)			เพลทยึดอุปกรณ์ Mounting Plate (Aluzinc Plate)		น้ำหนักตู้ Approx. Weight (Kg.)	ราคาต่อหน่วย Unit Price (Baht)
	Width (W)	Height (H)	Depth (D)	Dimension (mm.) W1	H1		
CDA-1000	1000	1100	350	900	755	90	19,000.00
CDA-1200	1200	1100	350	1100	755	100	21,000.00

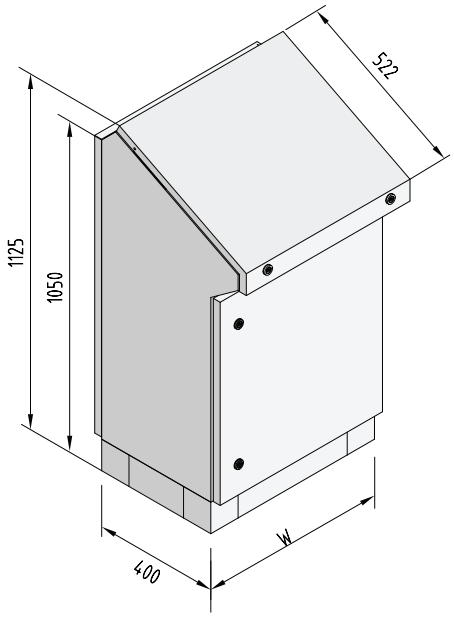
Prices and availability of information are subjected to change without notice.

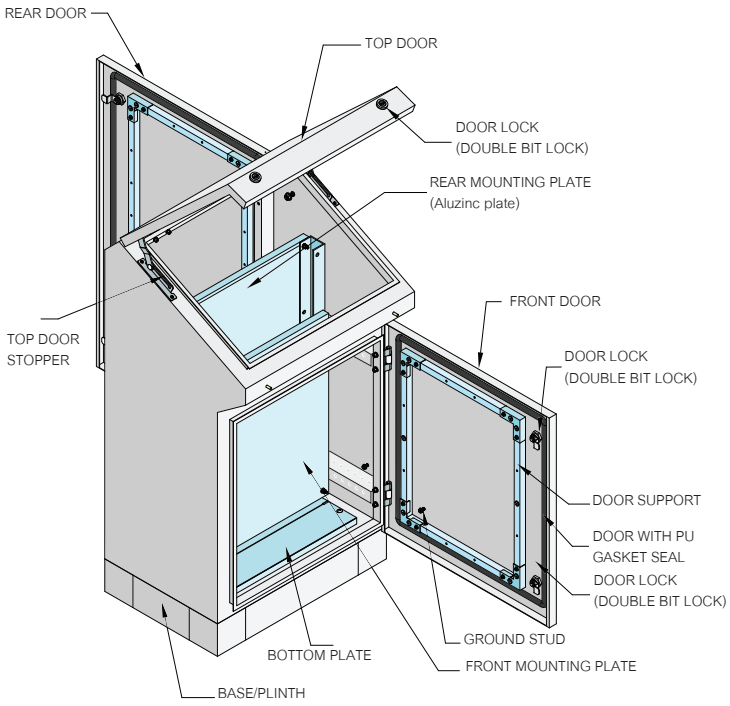
FRONT & REAR ACCESS, SINGLE DOOR

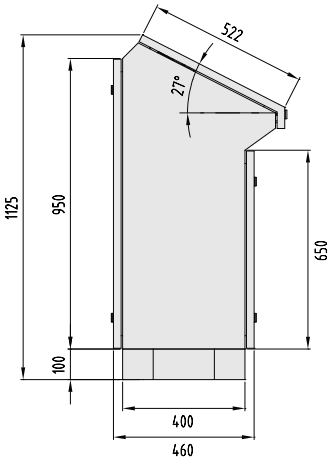
Specification

Material	Electro-Galvanized Steel (EG)		Aluminium-Zinc Coated Steel (Aluzinc)	
Thickness (mm.)	Enclosure Frame	Door	Mounting Plate	Bottom Plate
	1.5	1.5	2.0	1.5
Finished Surface	Polyester powder coated with UV Protection paint RAL-7035		Aluminium-Zinc Coated Steel (Aluzinc)	
Protection Rating	IP40			
Supply includes	-Enclosure frame with door -Mounting plate -Bottom plate -Door and cover with PU gasket seal -Double bit lock with key			

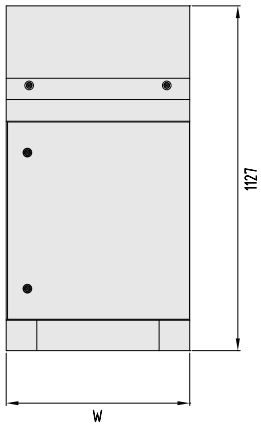
FRONT & REAR ACCESS, SINGLE DOOR



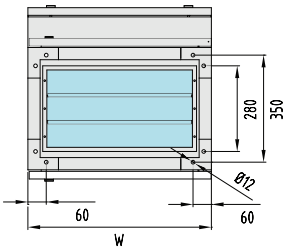




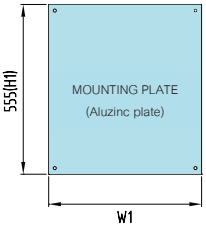
SIDE VIEW



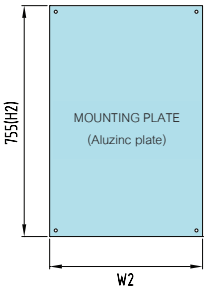
FRONT VIEW



BOTTOM VIEW



FRONT MOUNTING PLATE



REAR MOUNTING PLATE

Price List

UV Protection Paint · Aluzinc Plate inside · IP-40

รุ่น Model	ขนาดตู้ Enclosure Dimension (mm.)			เพลทยึดอุปกรณ์ Mounting Plate (Aluzinc Plate)				น้ำหนักตู้ Approx. Weight (Kg.)	ราคาต่อหน่วย Unit Price (Baht)
	Width (W)	Height (H)	Depth (D)	Front Side Dimension (mm.) W1	H1	Rear Side Dimension (mm.) W2	H2		
CDB-600	600	1125	400	500	555	500	755	79	17,000.00
CDB-800	800	1125	400	700	555	700	755	94	20,000.00

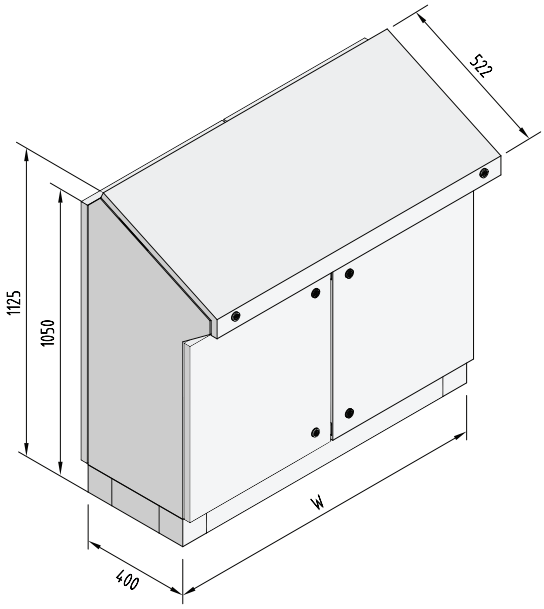
Prices and availability of information are subjected to change without notice.

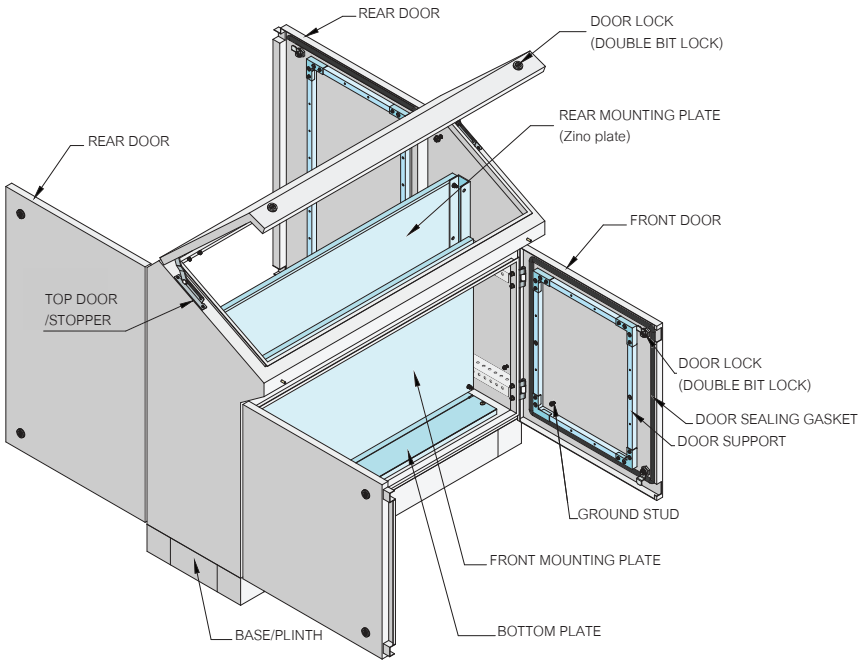
FRONT & REAR ACCESS, DOUBLE DOOR

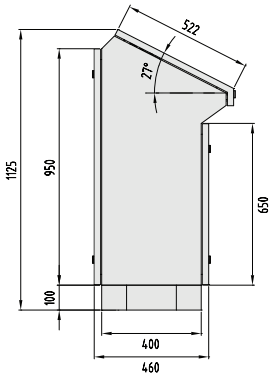
Specification

Material	Electro-Galvanized Steel (EG)		Aluminium-Zinc Coated Steel (Aluzinc)	
Thickness (mm.)	Enclosure Frame	Door	Mounting Plate	Bottom Plate
	1.5	1.5	2.0	1.5
Finished Surface	Polyester powder coated with UV Protection paint RAL-7035		Aluminium-Zinc Coated Steel (Aluzinc)	
Protection Rating	IP40			
Supply includes	-Enclosure frame with door -Mounting plate -Bottom plate -Door and cover with PU gasket seal -Double bit lock with key			

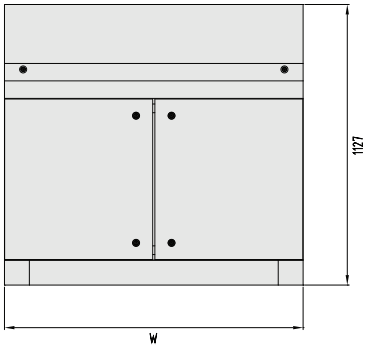
FRONT & REAR ACCESS, DOUBLE DOOR



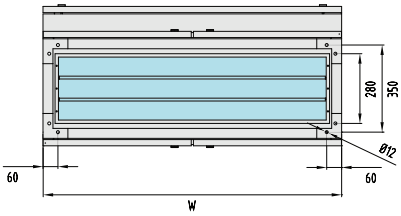




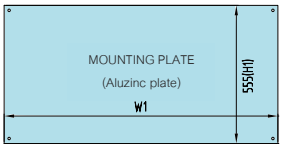
SIDE VIEW



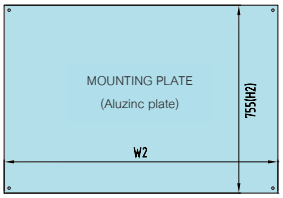
FRONT VIEW



BOTTOM VIEW



FRONT MOUNTING PLATE



REAR MOUNTING PLATE

Price List

IP-40

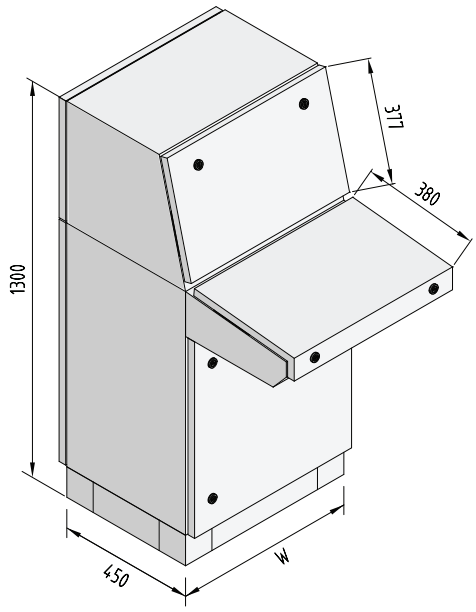
รุ่น Model	ขนาดตู้ Enclosure Dimension (mm.)			เพลทยึดอุปกรณ์ Mounting Plate (Aluzinc Plate)				น้ำหนักตู้ Approx. Weight (Kg.)	ราคาต่อหน่วย Unit Price (Baht)
	Width (W)	Height (H)	Depth (D)	Front Side Dimension (mm.) W1	H1	Rear Side Dimension (mm.) W2	H2		
CDB-1000	1000	1125	400	900	555	900	755	119	23,000.00
CDB-1200	1200	1125	400	1100	555	1100	755	132	25,000.00

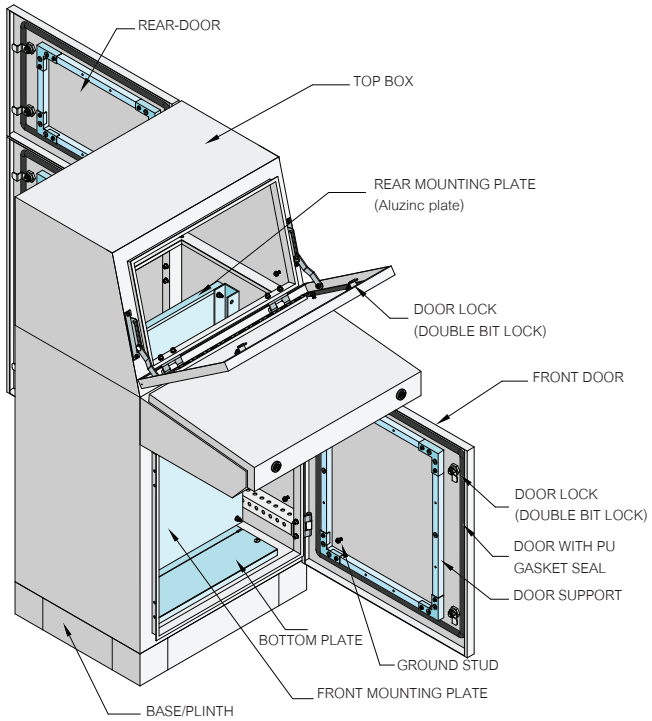
Prices and availability of information are subjected to change without notice.

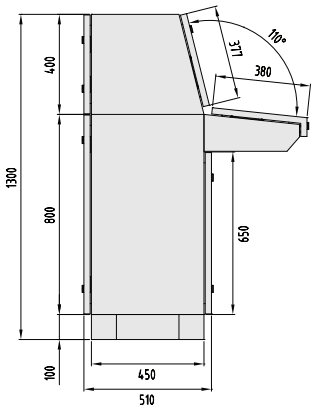
Specification

Material	Electro-Galvanized Steel (EG)		Aluminium-Zinc Coated Steel (Aluzinc)	
Thickness (mm.)	Enclosure Frame	Door	Mounting Plate	Bottom Plate
	1.5	1.5	2.0	1.5
Finished Surface	Polyester powder coated with UV Protection paint RAL-7035		Aluminium-Zinc Coated Steel (Aluzinc)	
Protection Rating	IP40			
Supply includes	-Enclosure frame with door -Mounting plate -Bottom plate -Door and cover with PU gasket seal -Double bit lock with key			

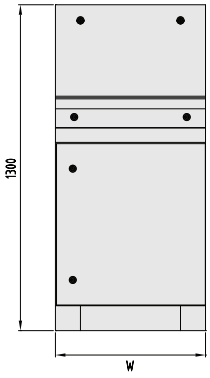
FRONT, REAR & TOP ACCESS, SINGLE DOOR



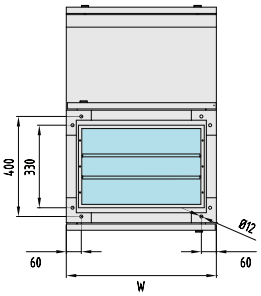




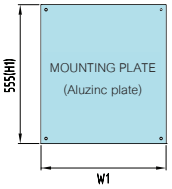
SIDE VIEW



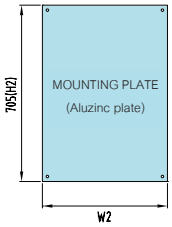
FRONT VIEW



BOTTOM VIEW



FRONT MOUNTING PLATE



REAR MOUNTING PLATE

Price List

IP-40

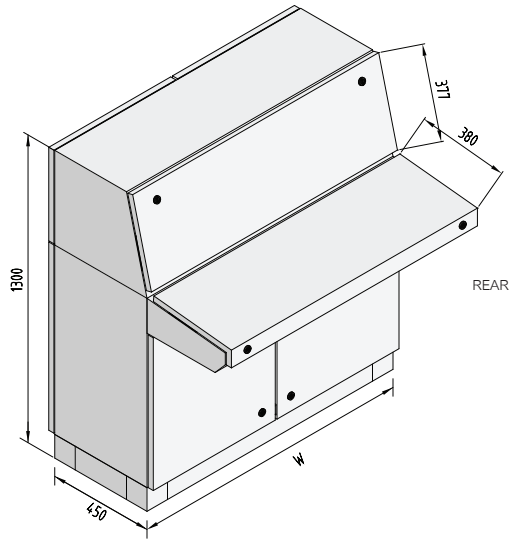
รุ่น Model	ขนาดตู้ Enclosure Dimension (mm.)			เพลทยึดอุปกรณ์ Mounting Plate (Aluzinc Plate)				น้ำหนักตู้ Approx. Weight (Kg.)	ราคาต่อหน่วย Unit Price (Baht)
	Width (W)	Height (H)	Depth (D)	Front Side Dimension (mm.) W1	H1	Rear Side Dimension (mm.) W2	H2		
CDC-600	600	1300	450	500	555	500	705	111	45,000.00
CDC-800	800	1300	450	700	555	700	705	120	48,000.00

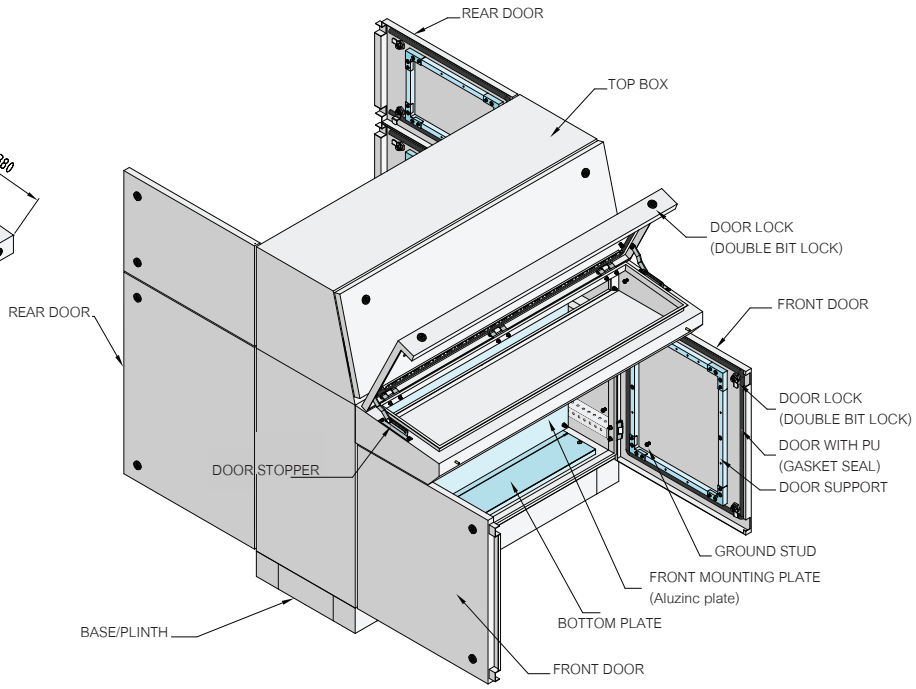
Prices and availability of information are subjected to change without notice.

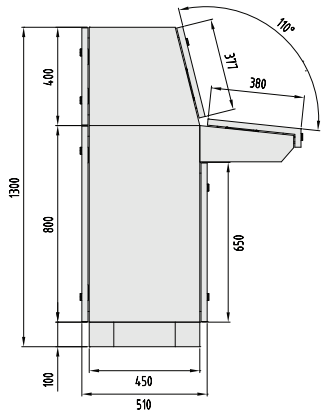
Specification

Material	Electro-Galvanized Steel (EG)		Aluminium-Zinc Coated Steel (Aluzinc)	
Thickness (mm.)	Enclosure Frame	Door	Mounting Plate	Bottom Plate
	1.5	1.5	2.0	1.5
Finished Surface	Polyester powder coated with UV Protection paint RAL-7035		Aluminium-Zinc Coated Steel (Aluzinc)	
Protection Rating	IP40			
Supply includes	-Enclosure frame with door -Mounting plate -Bottom plate -Door and cover with PU gasket seal -Double bit lock with key			

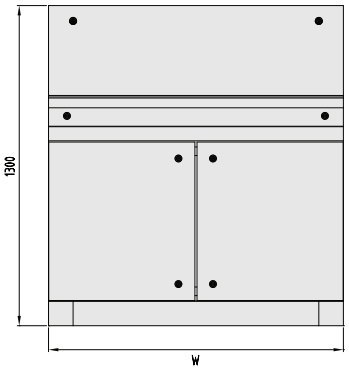
FRONT, REAR & TOP ACCESS, DOUBLE DOOR



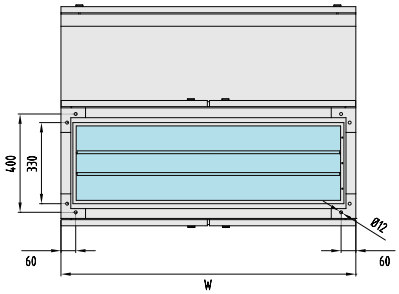




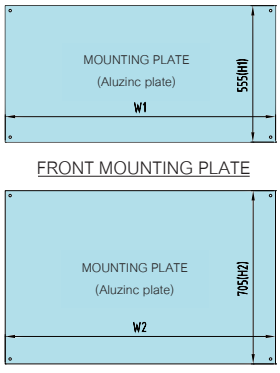
SIDE VIEW



FRONT VIEW



BOTTOM VIEW



FRONT MOUNTING PLATE

REAR MOUNTING PLATE

Price List

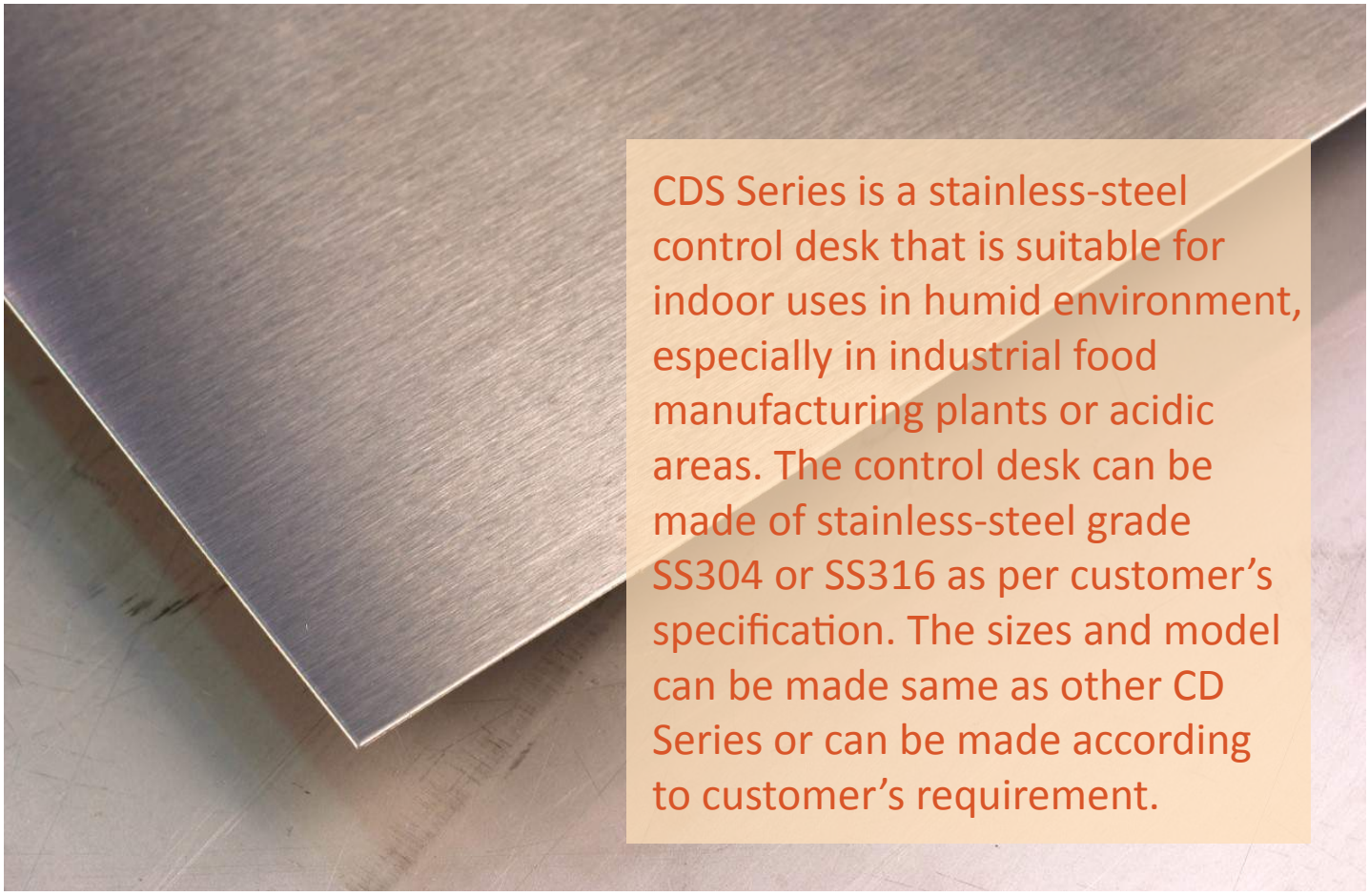
UV Protection Paint · Aluzinc Plate inside · IP-40

รุ่น Model	ขนาดตู้ Enclosure Dimension (mm.)			เพลทยึดอุปกรณ์ Mounting Plate (Aluzinc Plate)				น้ำหนักตู้ Approx. Weight (Kg.)	ราคาต่อหน่วย Unit Price (Baht)
	Width (W)	Height (H)	Depth (D)	Front Side Dimension (mm.) W1	H1	Rear Side Dimension (mm.) W2	H2		
CDC-1000	1000	1300	450	900	555	900	705	139	55,000.00
CDC-1200	1200	1300	450	1100	555	1100	705	159	65,000.00

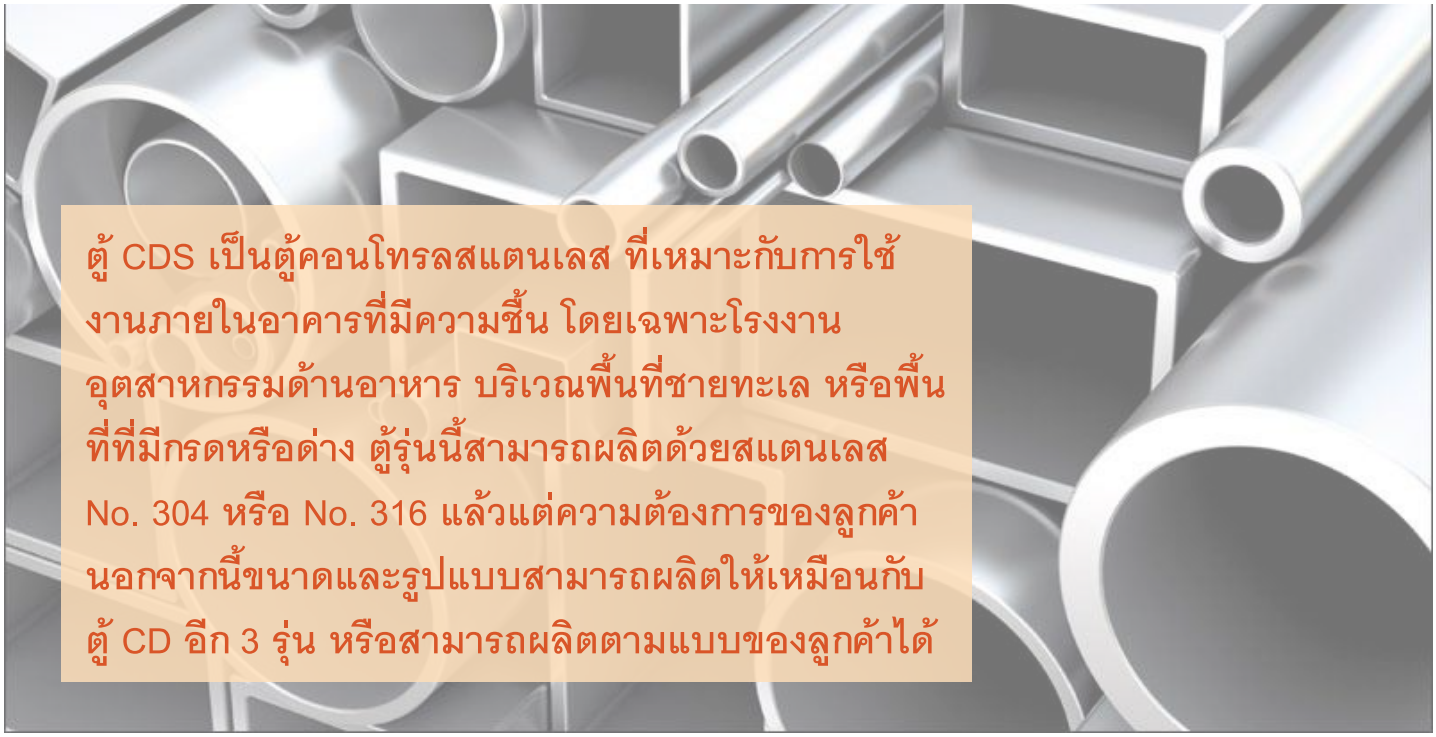
Prices and availability of information are subjected to change without notice.

Specification

Material	Stainless Steel No. 304 or 316		Stainless Steel No. 304 or 316	
Thickness (mm.)	Enclosure Frame	Door	Mounting Plate	Bottom Plate
	1.5	1.5	2.0	1.5
Finished Surface	Brushed		Stainless Steel No. 304 or 316	
Protection Rating	IP40			
Supply includes	-Enclosure frame with door -Mounting plate -Bottom plate -Door and cover with PU gasket seal -Double bit lock with key			



CDS Series is a stainless-steel control desk that is suitable for indoor uses in humid environment, especially in industrial food manufacturing plants or acidic areas. The control desk can be made of stainless-steel grade SS304 or SS316 as per customer's specification. The sizes and model can be made same as other CD Series or can be made according to customer's requirement.

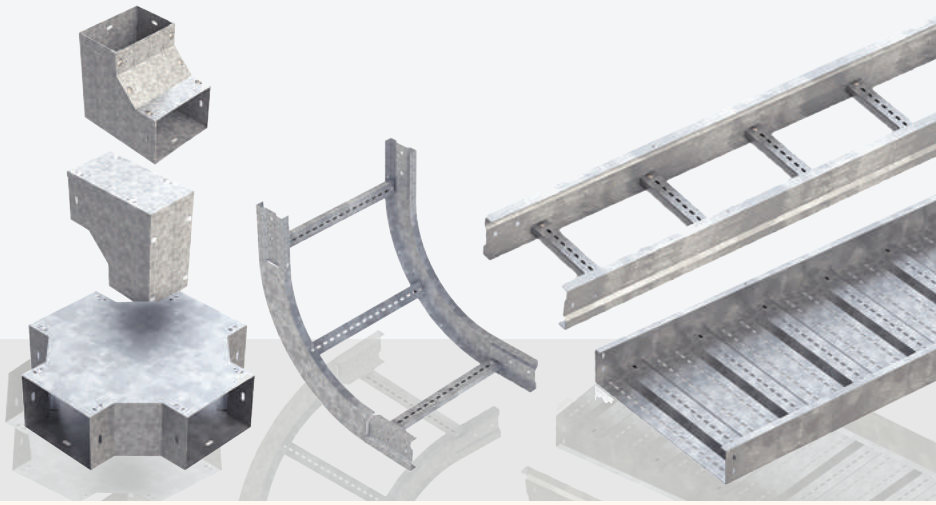


ตู้ CDS เป็นตู้คอนโทรลสแตนเลส ที่เหมาะกับการใช้งานภายในอาคารที่มีความชื้น โดยเฉพาะโรงงานอุตสาหกรรมด้านอาหาร บริเวณพื้นที่ชายทะเล หรือพื้นที่ที่มีกรดหรือด่าง ตู้รุ่นนี้สามารถผลิตด้วยสแตนเลส No. 304 หรือ No. 316 แล้วแต่ความต้องการของลูกค้า นอกจากนี้ขนาดและรูปแบบสามารถผลิตให้เหมือนกับตู้ CD อีก 3 รุ่น หรือสามารถผลิตตามแบบของลูกค้าได้

หมายเหตุ: สามารถสอบถามราคาได้จากตัวแทนจำหน่าย

Prices and availability of information are subjected to change without notice.

Product Group		CE Series	ME Series
Product Name		Compact Enclosure	Modular Free-standing Enclosure
Product Descriptions		Small to large compact enclosure that comes with 14 different sizes. Suitable for both indoor and outdoor uses.	Knock-down enclosure with flexible solutions. Available in 7 sizes. Suitable for both indoor and outdoor uses.
Material	Steel (EG)	•	•
	Stainless Steel	•	•
	Steel (Hot-rolled)		
	Steel (Cold-rolled)		
Coating	Hot-dip galvanized		
	Polyester powder paint	•	•
IP rating	IP40	•	•
	IP55	•	•
	IP65	•	
Made-to-order options Customized in sizes, materials, cut-outs, color		Available	Available



CD Series	Trunking system		
Control Desk	Wire way	Cable Ladder	Cable Tray
This series is designed for controlling machinery system, electronics and communication devices.	Suitable for indoor electrical system installation. Coated with polyester powder paint	Suitable for both indoor and outdoor electrical system installation. Coated with polyester powder paint or hot-dip galvanized.	Suitable for indoor electrical installation that needs special strength which can carry up to 600Kg. Coated with polyester powder paint or hot-dip galvanized.
•			•
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Available	Available	Available	Available

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