

Catalogue

Metal Enclosures

Version: 3:24 V.1

2023







To sustain our leadership position, nurtured since our inception, requires more than just entrepreneurship. It takes superior products, dedication To excellence, quality, and a corporate environment marked by teamwork, accountability and constant innovation.



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This catalogue only represents the standard specifications, Which are subject to change. The individual specification will be quoted at the time of specific inquiries.

Fourth Edition: May 2023

-  **Standard Enclosures**
-  **Extendable Cubicles**
-  **Modular Enclosures**
-  **Metering Cabinets**
-  **Specialized Enclosures**
-  **Spares & Accessories**

Our Commitment to Quality



Over 35,000 Sq.Ft Manufacturing Facility
In-House Designing
Comprehensive Testing
Precision Machines

We at NESCO are committed as a team with a vision to be recognized as the leader in the field of our expertise in manufacturing that exceeds our customer's satisfaction.

To achieve this goal we will provide technical information, training, tools & skills to each of our associate to motivate them in achieving the targets
Empowering each employee so that each and every one of us is responsible and accountable for the fulfillment of our goal of quality beyond excellence
Best possible feedback from customers and its timely interpretation and development of remedies will be the base line for all future developments



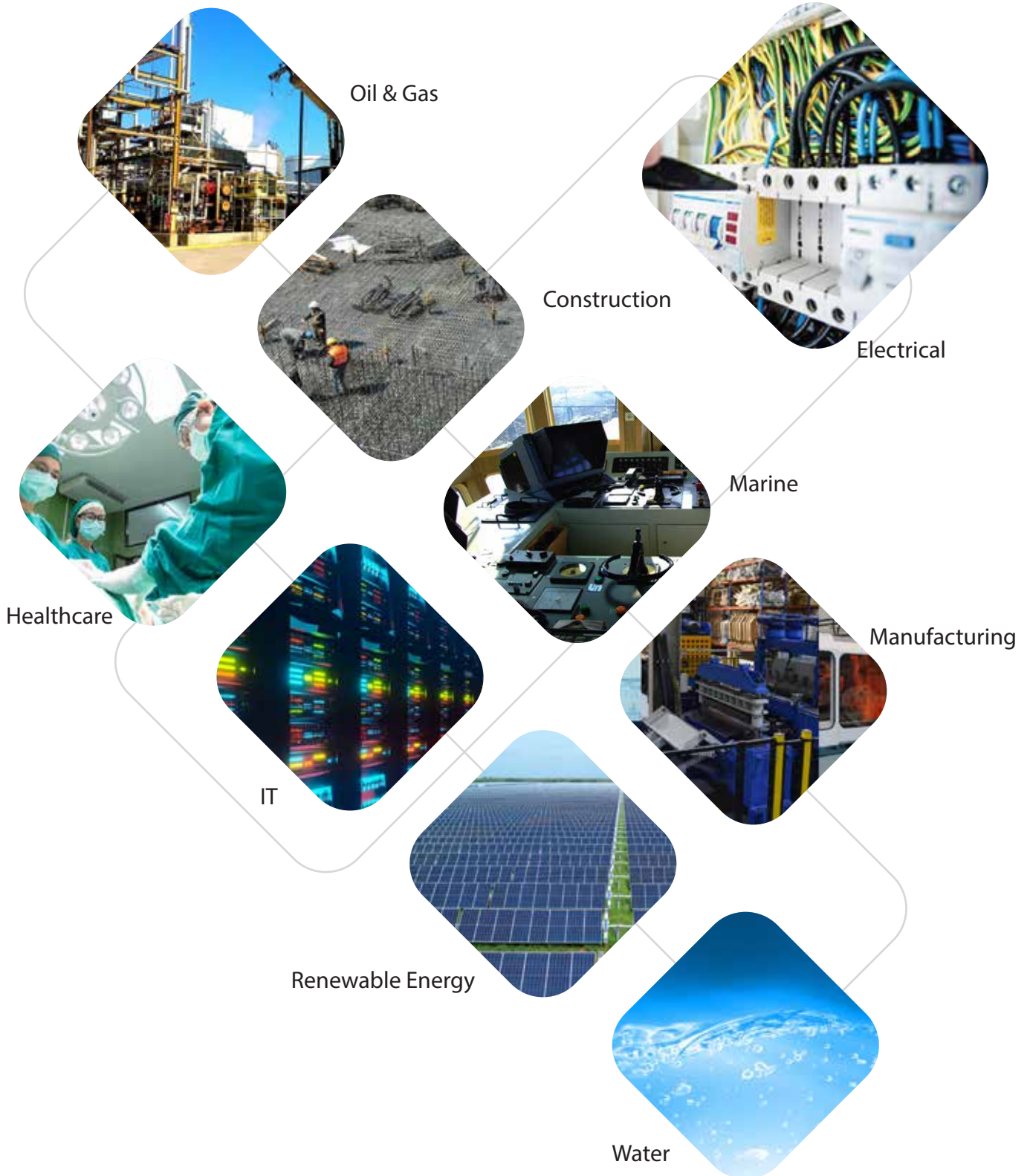
ISO 9001:2015
CERTIFIED



UL
CERTIFIED

Industries

We manufacture the most comprehensive range of sheet metal products in UAE. These include the simplest of wall mount enclosures to complex marine and HVAC structures.





NESCO Sheet Metal Fabrication

Proudly Made in UAE

Experience is not inherent. It is a life long process which continues. Added to it is the research and development process which constantly adds more reliability and sustainability to the company.

We constantly hunt for experience and each addition in our team makes it more valuable with the passage of time.

Products



Wall Mount Enclosures

Designed and manufactured for various applications, including switchgears and control panels. Custom specifications available. GI, Aluminum and Stainless Steel Construction.



Floor Standing Enclosures

Manufactured with wide variety of specifications based on individual requirements. The basic being protection of electrical and electronic equipments against harsh, industrial environments.



Extendable Cubicles

Extendable enclosures have the flexibility of adding up additional components and systems to existing or new systems.



Metering Cabinets

Standardized according to DEWA and SEWA standards. Custom specifications can be designed and manufactured.



Distribution Boxes

Safest and most robust protective devices for incoming mains power. Suitable for larger buildings where high numbers of sub-circuits.

We Research and Develop
Innovative Products and Solutions
Customised for individual Situations

Products



HVAC Enclosure

Air filters are important components of HVAC Systems, by reducing the dust load in entry as well as return air loop there is considerable reduction in energy consumption.



Packaged Sub-Stations

These can either be simple sub-stations with Transformers, or Switchgears or complex systems with multiple components and automation controls.



Marine Controls

Highly customized designs and specifications, Ergonomic design
Custom top cutouts for instrumentation



IT Server Racks

Free Standing Cabinet are produced with emphasis on aesthetic design, flexibility, sturdy construction and protection for networking and various structured cabling components.

Configuration Options



Material Thickness



Mounting Plate Accessories



Custom Paint



Custom IP Ratings



Doors Cut Outs

Metal Fabrication

Specific materials for Specific Requirements



Galvanized Iron

Galvanized iron is essentially iron that's been coated with a protective zinc layer on the outside. Galvanization offers a simple and effective way to protect iron from weather-related degradation.



Aluminum

Uniform Strength Throughout the Structure. Aluminum is highly resistant to corrosion. Aluminum has a significant thermal conductivity. Aluminium enclosures are lightweight while remaining sturdy and long-lasting



Stainless Steel 304 316

All stainless steels have a high resistance to corrosion. High and low temperature resistance. These are used to reduce material thicknesses and reduce weight and costs. It is easily and simply maintained resulting in a high quality, pleasing appearance, which makes it the first choice in hospitals, kitchens, food and pharmaceutical processing facilities.



AluZinc

It has an excellent corrosion resistance in many atmospheric conditions. Available with a clear anti-finger print sealant. Uniform and consistent in quality and finish. Heat resistant up to 315 degrees C

Enclosures

Manufactured with Passion

Rating Options

These enclosures are engineered to help protect electrical equipment from various hazards.

Select models based on IP rating for your specific application.

IP-41 Protected from tools and small wires greater than 1 millimeter. Protected from condensation.

IP-43 Protected from tools and small wires greater than 1 millimeter. Protected from water spray less than 60 degrees from vertical

IP-54 Protected from limited dust ingress. Protected from water spray from any direction

IP-65 Protected from total dust ingress. Protected from low pressure water jets from any direction

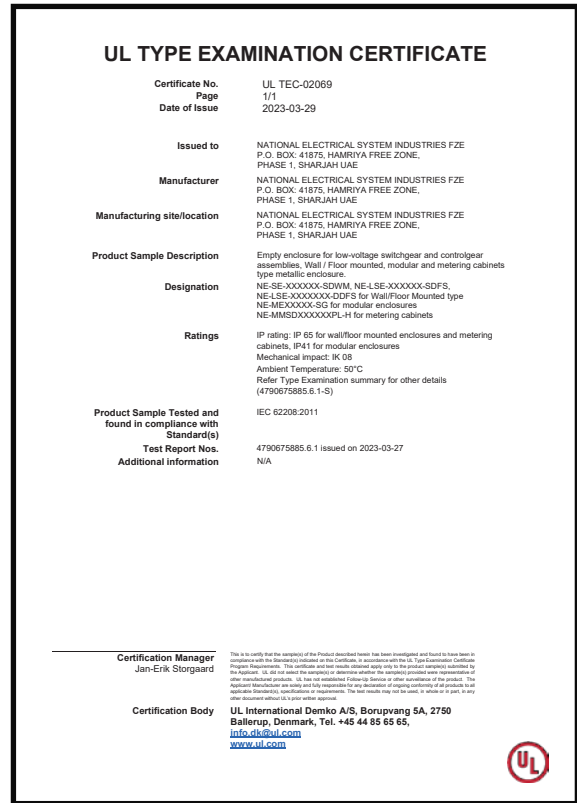
IP-66 Protected from total dust ingress. Protected from high pressure water jets from any direction

Variety of styles, including single-door, double door, sloped top, window door

Indoor or outdoor, mild to harsh environments




Certifications



We are fully equipped to design any custombuilt requirement based upon future technology, appropriate designs, structural strength, panel aesthetics, ease of installation and maintenance, transportation and safety. We always aim to partner with the customer through consultations so that we can provide the best economic engineering solution.

Paint Protection

Test Report 

Client: National Electrical System Industries FZE
 Address: Al Nahayya Freezone
 United Arab Emirates

Sample ID: MS-00123-028
 Sample Receiving Date: 06/11/2023
 Reporting Date: 20/12/2023
 Date of Analysis: MS/1002-2902/2023
 Tested by: YA
 Issue No: 01 (No Issue Date: NA)

Item	Test Method	Requirements	Result
Surface Preparation	ASTM D4259	SA-2 1/2	Pass
Coating Thickness	ASTM D520	100-150 μm	120-130 μm
Adhesion	ASTM D3359	1B	1B
Flexibility	ASTM D690	Pass	Pass
Impact Resistance	ASTM D2794	Pass	Pass
Chemical Resistance	ASTM D2240	Pass	Pass
UV Resistance	ASTM D4328	Pass	Pass
Corrosion Resistance	ASTM B117	Pass	Pass

Remarks:
 Specified coating passed 1000hrs salt spray test.
 Test conditions: 5% NaCl, 35 ± 2 °C.

[Signature]
 Engineer A. Hassan
 Laboratory Manager (Quality)
 Middle East Testing Services L.L.C.

This report is valid for the performance of the coating on the sample tested on above.

JOYUN Powder Coatings Page 2

METS   

TEST REPORT Report No: MR-00123-014

Client / Establishment: MS, National Electrical System Industries FZE
 Al Nahayya Freezone
 United Arab Emirates

Sample ID: MS-00123-028
 Sample Receiving Date: 06/11/2023
 Reporting Date: 20/12/2023
 Date of Analysis: MS/1002-2902/2023
 Tested by: YA
 Issue No: 01 (No Issue Date: NA)

Sample Information:
 Sample Description: Wall/Floor Mount
 Sample Reference: Modular Enclosures
 Reference Number: NESCO/PO23/0021/MO22-0466/04

Test Results:

SALT SPRAY TEST
 Exposure Period: 1000 hours
 Salt Spray Concentration: 5%
 Test Temperature: 35 ± 2 °C
 pH of collected fog: 4.75
 Amount of fog collected: 1.4 mL / Hour

Test	Test Method	Result
Salt Spray Exposure	ASTM B117-18	No significant corrosion observed on the test specimen after 1000 hours

Note: Image of the samples before and after the exposure are attached as appendix

Prepared by: *[Signature]*
 Material Science Division (MSD)
 Employee Code: METS AJ EC 100

Verified by: *[Signature]*
 Team Head
 Material Science Division (MSD)
 Employee Code: METS AJ EC 110

The above test results are only applicable to the sample ID referred to above. This report shall not be reproduced except in full, without the written approval of the METS laboratory.
 For further clarification of reports, please contact info@metstesting.com

Page 1 of 2

Rust prevention is an integral part of metal fabrication. We use the best quality powder coating system available. Random samples are regularly tested in-house as well as by paint-manufacturer and third part to ensure a consistent quality provided to customers.



NESCO

Excellence in Manufacturing

We have a comprehensive range of standard enclosures, required by switchgear, controlgears and automation companies. Additionally we keep ample stocks of wall mount enclosures for household and construction industry.

The logo for NESCO, featuring the word "NESCO" in a bold, white, sans-serif font with a red underline, set against a blue background.

Made in UAE

Standard Enclosures

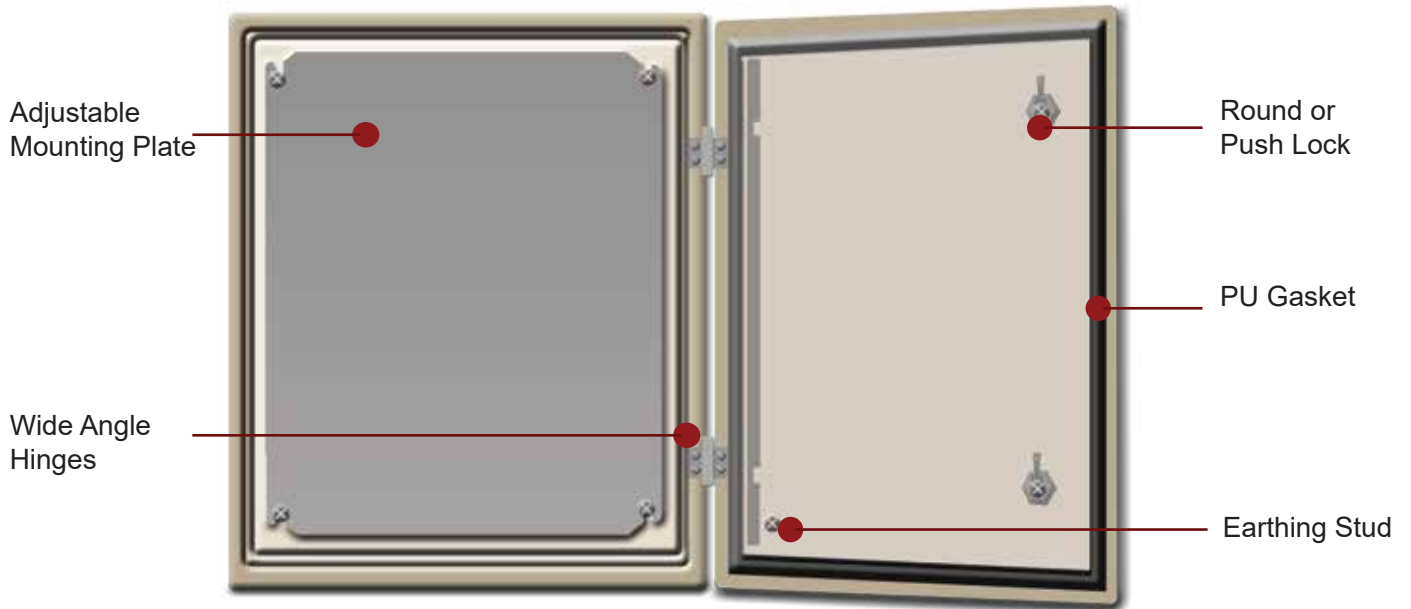
العاويات المثبتة بالحائط

Standard enclosures are designed and manufactured for various applications, including switchgears and control panels. Standard sizes and specifications available ex-stock, they can be customized on individual requirements.



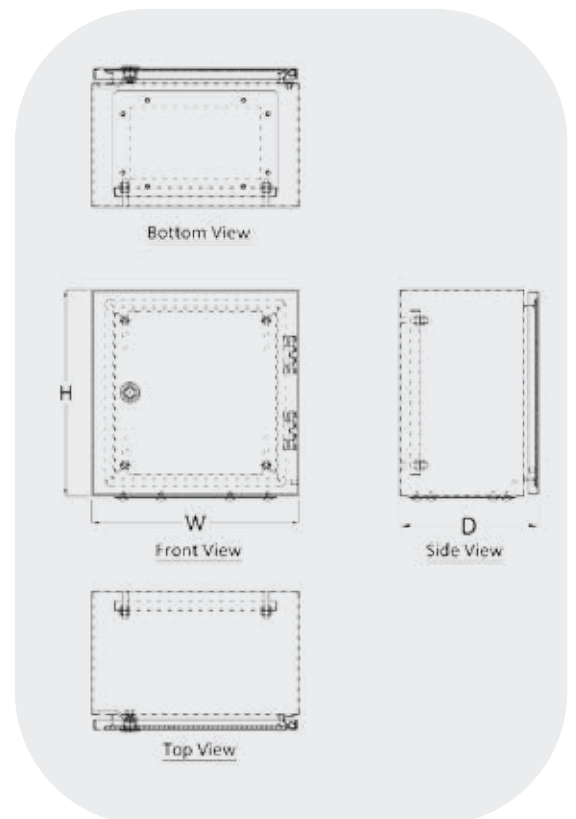
Standard Enclosures

Product Description



Specifications

- High quality galvanized Iron / Stainless Steel / Aluminum
- Sheet thickness upto 3 mm
- Powder coated paint
- Adjustable mounting plate
- Door earthing studs
- Wide angle door hinges
- Standard and SS door locks
- PU Gasket



These are specifically designed keeping in consideration the harsh climatic conditions, with additional protections. Ideal for all types of switchgear and control gear assemblies in any commercial, industrial, and electrical installations.

Features

- High quality Galvanized Steel
- Smooth, continuously welded seams without knockouts
- IP 55 Protection class
- Earthing Studs on enclosure and door
- CNC formed one piece Polyurethane Gasket
- Specially designed door lock for maximum safety
- Removable Gland Plates
- Welded brackets provide for enclosure mounting
- Hinges with maximum opening angle

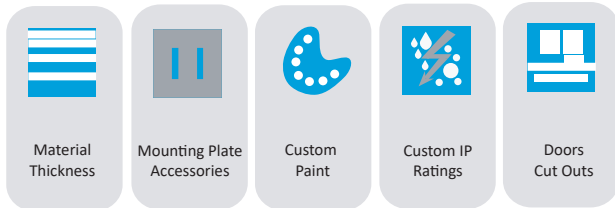
The basic being protection of electrical and electronic equipments against harsh, industrial environments for wall-mount applications

Provides protection where equipment may be hosed down or otherwise be very wet.

Outdoor applications for full weather protection. Ideal for processing plants, utility, outdoor municipal or petro chemical locations where easy yet secure access is required.



Configuration Options



Color RAL-7032 Matt-finish powder coated
Standard mounting plate RAL 2000

Galvanized Iron
الحديد المجلفن





Degree of protection against ingress of water

Clause 9.8 of IEC 62208: Ed. 2.0: 2011-08
Clauses 14.2.5 & 14.3 of IEC 60529:1989, IEC 60529:1989/AMD1:1999
degree of protection IP X5.

Degree of protection against access to hazardous parts and against the ingress of solid foreign objects

Clause 9.8 of IEC 62208: Ed. 2.0: 2011-08
Clauses 13.4 & 13.6 IEC 60529:1989, IEC 60529:1989/AMD1:1999
for degree of protection IP6X
Category: 1

Resistance to corrosion (Clause: 9.13)

IEC 60068-2-30, salt mist test according to IEC 60068-2-11, ISO 4628-3

Thermal power dissipation capability

IEC 61439-1

Impact

IK10 to IEC EN 62262

Paint

ASTM 8117-19

IP Rating

IP-65 IEC 62208:2011

IEC 62208: Edition 2.0 2011-08 - Design verification

Marking	9.3
Static loads	9.4
Lifting	9.5
Axial loads of metal inserts	9.6
Degree of protection against external mechanical impacts (IK code)	9.7
Degree of protection against access to hazardous parts and against ingress of solid, objects and/or water (IP code)	9.8
Thermal Stability	9.9.1
Resistance to Heat	9.9.2
Resistance to abnormal heat & Fire	9.9.3
Dielectric Strength	9.10
Continuity of the Protective Circuit	9.11
Resistance to UV Radiation	9.12
Resistance to Corrosion	9.13
Thermal Power Dissipation Capability	9.14

UL TYPE EXAMINATION CERTIFICATE

Certificate No.	UL TEC-02069
Page	1/1
Date of Issue	2023-03-29
Issued to	NATIONAL ELECTRICAL SYSTEM INDUSTRIES FZE P.O. BOX: 41875, HAMRIYA FREE ZONE, PHASE 1, SHARJAH UAE
Manufacturer	NATIONAL ELECTRICAL SYSTEM INDUSTRIES FZE P.O. BOX: 41875, HAMRIYA FREE ZONE, PHASE 1, SHARJAH UAE
Manufacturing site/location	NATIONAL ELECTRICAL SYSTEM INDUSTRIES FZE P.O. BOX: 41875, HAMRIYA FREE ZONE, PHASE 1, SHARJAH UAE
Product Sample Description	Empty enclosure for low-voltage switchgear and controlgear assemblies, Wall / Floor mounted, modular and metering cabinets type metallic enclosure.
Designation	NE-SE-XXXXXX-SDWM, NE-LSE-XXXXXX-SDFS, NE-LSE-XXXXXX-DDFS for Wall/Floor Mounted type NE-MEXXXXXX-SG for modular enclosures NE-MMSDXXXXXXPL-H for metering cabinets
Ratings	IP rating: IP 65 for wall/floor mounted enclosures and metering cabinets, IP41 for modular enclosures Mechanical impact: IK 08 Ambient Temperature: 50°C Refer Type Examination Summary for other details (4790675885.6.1-S)
Product Sample Tested and found in compliance with Standard(s)	IEC 62208:2011
Test Report Nos.	4790675885.6.1 issued on 2023-03-27
Additional information	N/A

Certification Manager
Jan-Erik Storgaard

This is to certify that the samples of the Product described herein has been investigated and found to have been compliance with the Standard(s) indicated on this Certificate, in accordance with the UL Type Examination Certificate Program Requirements. This certificate will not include additional copies only the product sample(s) submitted by the Applicant. UL does not warrant the accuracy or otherwise of the information provided herein representation of other manufacturer products. UL has not established a Service or other relationship of the product. The Applicant/Manufacturer are solely and fully responsible for any declaration of ongoing conformity of all products to all applicable Standards, specifications or requirements. This test results may not be used, in whole or in part, in any other documents.

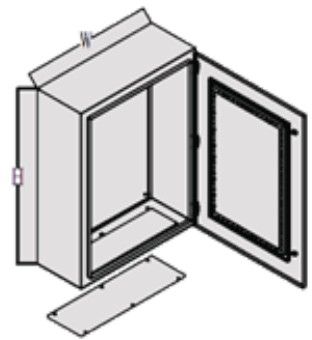
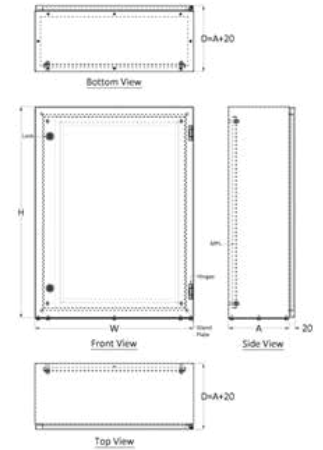
Certification Body

UL International Demko A/S, Borupvang 5A, 2750
Ballerup, Denmark, Tel. +45 44 85 65 65,
info.dk@ul.com
www.ul.com



SINGLE DOOR ENCLOSURES-GI

S. No	Item Code	Height (mm)	Width (mm)	Depth (mm)	Door	Enclosure Mounting	Sheet Thickness	
							Enclosure	MPL
1	NE-SE-252015-SDWM	250	200	150	Single	Wall	1.2	1.5
2	NE-SE-302015-SDWM	300	200	150	Single	Wall	1.2	1.5
3	NE-SE-302515-SDWM	300	250	150	Single	Wall	1.2	1.5
4	NE-SE-302520-SDWM	300	250	200	Single	Wall	1.2	1.5
5	NE-SE-303015-SDWM	300	300	150	Single	Wall	1.2	1.5
6	NE-SE-303020-SDWM	300	300	200	Single	Wall	1.2	1.5
7	NE-SE-403015-SDWM	400	300	150	Single	Wall	1.2	1.5
8	NE-SE-403020-SDWM	400	300	200	Single	Wall	1.2	1.5
9	NE-SE-404015-SDWM	400	400	150	Single	Wall	1.2	1.5
10	NE-SE-404020-SDWM	400	400	200	Single	Wall	1.2	1.5
11	NE-SE-504015-SDWM	500	400	150	Single	Wall	1.2	1.5
12	NE-SE-504020-SDWM	500	400	200	Single	Wall	1.2	1.5
13	NE-SE-504025-SDWM	500	400	250	Single	Wall	1.2	1.5
14	NE-SE-505020-SDWM	500	500	200	Single	Wall	1.2	1.5
15	NE-SE-505025-SDWM	500	500	250	Single	Wall	1.2	1.5
16	NE-SE-604015-SDWM	600	400	150	Single	Wall	1.2	1.5
17	NE-SE-604020-SDWM	600	400	200	Single	Wall	1.2	1.5
18	NE-SE-604025-SDWM	600	400	250	Single	Wall	1.2	1.5
19	NE-SE-604030-SDWM	600	400	300	Single	Wall	1.2	1.5
20	NE-SE-605015-SDWM	600	500	150	Single	Wall	1.2	1.5
21	NE-SE-605020-SDWM	600	500	200	Single	Wall	1.2	1.5
22	NE-SE-605025-SDWM	600	500	250	Single	Wall	1.2	1.5
23	NE-SE-606020-SDWM	600	600	200	Single	Wall	1.2	1.5
24	NE-SE-606025-SDWM	600	600	250	Single	Wall	1.2	1.5
25	NE-SE-606030-SDWM	600	600	300	Single	Wall	1.2	1.5
26	NE-SE-705015-SDWM	700	500	150	Single	Wall	1.5	1.5
27	NE-SE-705020-SDWM	700	500	200	Single	Wall	1.5	1.5
28	NE-SE-705025-SDWM	700	500	250	Single	Wall	1.5	1.5
29	NE-SE-706020-SDWM	700	600	200	Single	Wall	1.5	1.5
30	NE-SE-706025-SDWM	700	600	250	Single	Wall	1.5	1.5
31	NE-SE-706030-SDWM	700	600	300	Single	Wall	1.5	1.5
32	NE-SE-806015-SDWM	800	600	150	Single	Wall	2	1.5
33	NE-SE-806020-SDWM	800	600	200	Single	Wall	2	1.5
34	NE-SE-806025-SDWM	800	600	250	Single	Wall	2	1.5
35	NE-SE-806030-SDWM	800	600	300	Single	Wall	2	1.5
36	NE-SE-808015-SDWM	800	800	150	Single	Wall	2	1.5
37	NE-SE-808020-SDWM	800	800	200	Single	Wall	2	1.5
38	NE-SE-808025-SDWM	800	800	250	Single	Wall	2	1.5
39	NE-SE-808030-SDWM	800	800	300	Single	Wall	2	1.5



Polyurethane Gasket

Foam-in-place is a one piece gasket which provides adequate protection against dust and moisture. It has much better life span than other sealants.



Removable Hinges

The hinges are designed for maximum opening angle, durability and serve a long operational life without loosening.

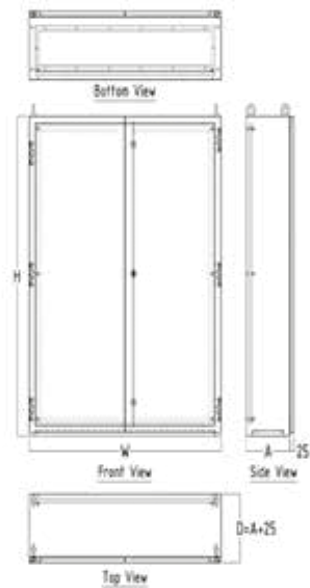
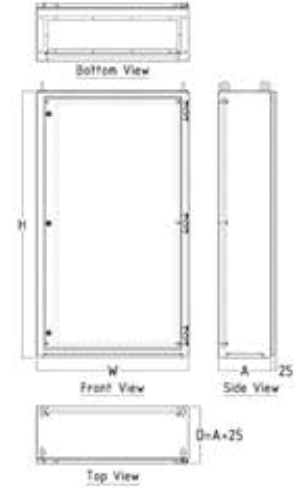


Stainless Steel Locks

Specially designed locks provide 3-position locking, with robust internal fail-safe mechanism.

DOUBLE DOOR ENCLOSURES-SS-304

S. No	Item Code	Height (mm)	Width (mm)	Depth (mm)	Door	Enclosure Mounting	Sheet Thickness	
							Enclosure	MPL
1	NE-LSE-106020-SDFS	1000	600	200	Single	Wall / Floor	2.0	2.0
2	NE-LSE-106025-SDFS	1000	600	250	Single	Wall / Floor	2.0	2.0
3	NE-LSE-106030-SDFS	1000	600	300	Single	Wall / Floor	2.0	2.0
4	NE-LSE-108020-SDFS	1000	800	200	Single	Wall / Floor	2.0	2.0
5	NE-LSE-108025-SDFS	1000	800	250	Single	Wall / Floor	2.0	2.0
6	NE-LSE-108030-SDFS	1000	800	300	Single	Wall / Floor	2.0	2.0
7	NE-LSE-108040-SDFS	1000	800	400	Single	Wall / Floor	2.0	2.0
8	NE-LSE-101025-SDFS	1000	1000	250	Single	Wall / Floor	2.0	2.0
9	NE-LSE-101030-SDFS	1000	1000	300	Single	Wall / Floor	2.0	2.0
10	NE-LSE-126020-SDFS	1200	600	200	Single	Wall / Floor	2.0	2.0
11	NE-LSE-126025-SDFS	1200	600	250	Single	Wall / Floor	2.0	2.0
12	NE-LSE-126030-SDFS	1200	600	300	Single	Wall / Floor	2.0	2.0
13	NE-LSE-128020-SDFS	1200	800	200	Single	Wall / Floor	2.0	2.0
14	NE-LSE-128025-SDFS	1200	800	250	Single	Wall / Floor	2.0	2.0
15	NE-LSE-128030-SDFS	1200	800	300	Single	Wall / Floor	2.0	2.0
16	NE-LSE-128040-SDFS	1200	800	400	Single	Wall / Floor	2.0	2.0
17	NE-LSE-121025-SDFS	1200	1000	250	Single	Wall / Floor	2.0	2.0
18	NE-LSE-121030-SDFS	1200	1000	300	Single	Wall / Floor	2.0	2.0
19	NE-LSE-146030-SDFS	1400	600	300	Single	Wall / Floor	2.0	2.0
20	NE-LSE-148020-SDFS	1400	800	200	Single	Wall / Floor	2.0	2.0
21	NE-LSE-148025-SDFS	1400	800	250	Single	Wall / Floor	2.0	2.0
22	NE-LSE-148030-SDFS	1400	800	300	Single	Wall / Floor	2.0	2.0
23	NE-LSE-148040-SDFS	1400	800	400	Single	Wall / Floor	2.0	2.0
24	NE-LSE-141030-SDFS	1400	1000	300	Single	Wall / Floor	2.0	2.0
25	NE-LSE-141040-SDFS	1400	1000	400	Single	Wall / Floor	2.0	2.0
26	NE-LSE-166040-SDFS	1600	600	400	Single	Wall / Floor	2.0	2.0
27	NE-LSE-168030-SDFS	1600	800	300	Single	Wall / Floor	2.0	2.0
28	NE-LSE-168040-SDFS	1600	800	400	Single	Wall / Floor	2.0	2.0
29	NE-LSE-161030-SDFS	1600	1000	300	Single	Wall / Floor	2.0	2.0
30	NE-LSE-161040-SDFS	1600	1000	400	Single	Wall / Floor	2.0	2.0
31	NE-LSE-181030-SDFS	1800	1000	300	Single	Wall / Floor	2.0	2.0
32	NE-LSE-181040-SDFS	1800	1000	400	Single	Wall / Floor	2.0	2.0
33	NE-LSE-201030-SDFS	2000	1000	300	Single	Wall / Floor	2.0	2.0
34	NE-LSE-201040-SDFS	2000	1000	400	Single	Wall / Floor	2.0	2.0
35	NE-LSE-101030-DDFS	1000	1000	300	Double	Wall / Floor	2.0	2.0
36	NE-LSE-121025-DDFS	1200	1000	250	Double	Wall / Floor	2.0	2.0
37	NE-LSE-121030-DDFS	1200	1000	300	Double	Wall / Floor	2.0	2.0
38	NE-LSE-121040-DDFS	1200	1000	400	Double	Wall / Floor	2.0	2.0
39	NE-LSE-121225-DDFS	1200	1200	250	Double	Wall / Floor	2.0	2.0
40	NE-LSE-121230-DDFS	1200	1200	300	Double	Wall / Floor	2.0	2.0
41	NE-LSE-121240-DDFS	1200	1200	400	Double	Wall / Floor	2.0	2.0
42	NE-LSE-141030-DDFS	1400	1000	300	Double	Wall / Floor	2.0	2.0
43	NE-LSE-141040-DDFS	1400	1000	400	Double	Wall / Floor	2.0	2.0
44	NE-LSE-141230-DDFS	1400	1200	300	Double	Wall / Floor	2.0	2.0
45	NE-LSE-141240-DDFS	1400	1200	400	Double	Wall / Floor	2.0	2.0
46	NE-LSE-161030-DDFS	1600	1000	300	Double	Wall / Floor	2.0	2.0
47	NE-LSE-161040-DDFS	1600	1000	400	Double	Wall / Floor	2.0	2.0
48	NE-LSE-161230-DDFS	1600	1200	300	Double	Wall / Floor	2.0	2.0
49	NE-LSE-161240-DDFS	1600	1200	400	Double	Wall / Floor	2.0	2.0



Material and Color Specifications

Part Name	Color	Material
Door	RAL 7032 Texture	GI
Mounting Plate	RAL 2000 Smooth	GI
Body	RAL 7032 Texture	GI
Gasket	BLACK	PU

NESCO manufactures Electrical Enclosures with a promise of quality and user satisfaction. We design keeping in mind the extremes of working conditions, and manufacture to perfection. The standard wall mount enclosures are available in a variety of sizes and specifications to suit individual needs. Customization is available at all levels. We use premium quality Stainless Steel 304L and 316L for longer functional life and durability, from the best manufacturers in the world.

Features

- High Corrosion Resistance
- Fire and heat resistance
- Hygiene
- Impact resistance and strength
- Aesthetic appearance
- Long term value

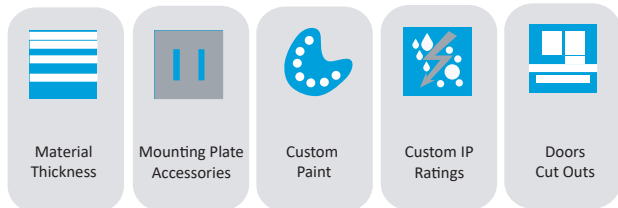
The finish

Stainless Steel is ideal for medical, food and other applications where extreme cleanliness is priority.

These enclosures are polished to perfection for minimum contamination.

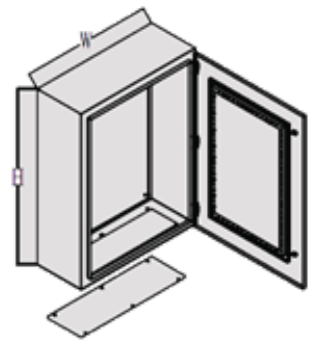
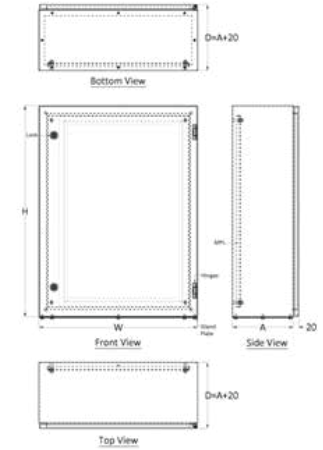


Configuration Options



SINGLE DOOR ENCLOSURES-STAINLESS STEEL-304

S. No	Item Code	Height (mm)	Width (mm)	Depth (mm)	Door	Enclosure Mounting	Sheet Thickness	
							Enclosure	MPL
1	NE-SE-252015-SDWMS	250	200	150	Single	Wall	1.2	1.5
2	NE-SE-302015-SDWMS	300	200	150	Single	Wall	1.2	1.5
3	NE-SE-302515-SDWMS	300	250	150	Single	Wall	1.2	1.5
4	NE-SE-302520-SDWMS	300	250	200	Single	Wall	1.2	1.5
5	NE-SE-303015-SDWMS	300	300	150	Single	Wall	1.2	1.5
6	NE-SE-303020-SDWMS	300	300	200	Single	Wall	1.2	1.5
7	NE-SE-403015-SDWMS	400	300	150	Single	Wall	1.2	1.5
8	NE-SE-403020-SDWMS	400	300	200	Single	Wall	1.2	1.5
9	NE-SE-404015-SDWMS	400	400	150	Single	Wall	1.2	1.5
10	NE-SE-404020-SDWMS	400	400	200	Single	Wall	1.2	1.5
11	NE-SE-504015-SDWMS	500	400	150	Single	Wall	1.2	1.5
12	NE-SE-504020-SDWMS	500	400	200	Single	Wall	1.2	1.5
13	NE-SE-504025-SDWMS	500	400	250	Single	Wall	1.2	1.5
14	NE-SE-505020-SDWMS	500	500	200	Single	Wall	1.2	1.5
15	NE-SE-505025-SDWMS	500	500	250	Single	Wall	1.2	1.5
16	NE-SE-604015-SDWMS	600	400	150	Single	Wall	1.2	1.5
17	NE-SE-604020-SDWMS	600	400	200	Single	Wall	1.2	1.5
18	NE-SE-604025-SDWMS	600	400	250	Single	Wall	1.2	1.5
19	NE-SE-604030-SDWMS	600	400	300	Single	Wall	1.2	1.5
20	NE-SE-605015-SDWMS	600	500	150	Single	Wall	1.2	1.5
21	NE-SE-605020-SDWMS	600	500	200	Single	Wall	1.2	1.5
22	NE-SE-605025-SDWMS	600	500	250	Single	Wall	1.2	1.5
23	NE-SE-606020-SDWMS	600	600	200	Single	Wall	1.2	1.5
24	NE-SE-606025-SDWMS	600	600	250	Single	Wall	1.2	1.5
25	NE-SE-606030-SDWMS	600	600	300	Single	Wall	1.2	1.5
26	NE-SE-705015-SDWMS	700	500	150	Single	Wall	1.5	1.5
27	NE-SE-705020-SDWMS	700	500	200	Single	Wall	1.5	1.5
28	NE-SE-705025-SDWMS	700	500	250	Single	Wall	1.5	1.5
29	NE-SE-706020-SDWMS	700	600	200	Single	Wall	1.5	1.5
30	NE-SE-706025-SDWMS	700	600	250	Single	Wall	1.5	1.5
31	NE-SE-706030-SDWMS	700	600	300	Single	Wall	1.5	1.5
32	NE-SE-806015-SDWMS	800	600	150	Single	Wall	2	1.5
33	NE-SE-806020-SDWMS	800	600	200	Single	Wall	2	1.5
34	NE-SE-806025-SDWMS	800	600	250	Single	Wall	2	1.5
35	NE-SE-806030-SDWMS	800	600	300	Single	Wall	2	1.5
36	NE-SE-808015-SDWMS	800	800	150	Single	Wall	2	1.5
37	NE-SE-808020-SDWMS	800	800	200	Single	Wall	2	1.5
38	NE-SE-808025-SDWMS	800	800	250	Single	Wall	2	1.5
39	NE-SE-808030-SDWMS	800	800	300	Single	Wall	2	1.5



Stainless Steel 316 available on request



Polyurethane Gasket

Foam-in-place is a one piece gasket which provides adequate protection against dust and moisture. It has much better life span than other sealants.



Removable Hinges

The hinges are designed for maximum opening angle, durability and serve a long operational life without loosening.

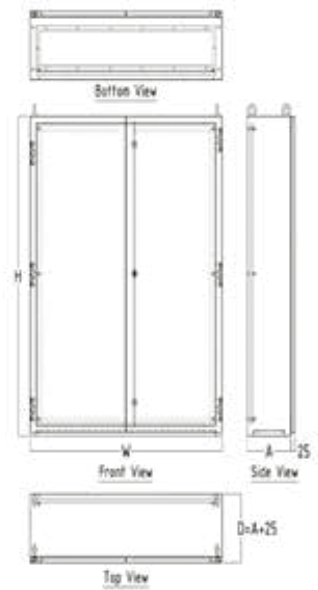
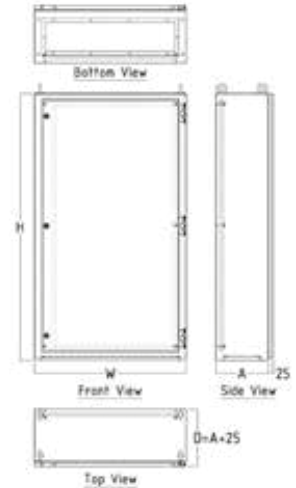


Stainless Steel Locks

Specially designed locks provide 3-position locking, with robust internal fail-safe mechanism.

DOUBLE DOOR ENCLOSURES

S. No	Item Code	Height (mm)	Width (mm)	Depth (mm)	Door	Enclosure Mounting	Sheet Thickness	
							Enclosure	MPL
1	NE-LSE-106020-SDFSS	1000	600	200	Single	Wall / Floor	2.0	2.0
2	NE-LSE-106025-SDFSS	1000	600	250	Single	Wall / Floor	2.0	2.0
3	NE-LSE-106030-SDFSS	1000	600	300	Single	Wall / Floor	2.0	2.0
4	NE-LSE-108020-SDFSS	1000	800	200	Single	Wall / Floor	2.0	2.0
5	NE-LSE-108025-SDFSS	1000	800	250	Single	Wall / Floor	2.0	2.0
6	NE-LSE-108030-SDFSS	1000	800	300	Single	Wall / Floor	2.0	2.0
7	NE-LSE-108040-SDFSS	1000	800	400	Single	Wall / Floor	2.0	2.0
8	NE-LSE-101025-SDFSS	1000	1000	250	Single	Wall / Floor	2.0	2.0
9	NE-LSE-101030-SDFSS	1000	1000	300	Single	Wall / Floor	2.0	2.0
10	NE-LSE-126020-SDFSS	1200	600	200	Single	Wall / Floor	2.0	2.0
11	NE-LSE-126025-SDFSS	1200	600	250	Single	Wall / Floor	2.0	2.0
12	NE-LSE-126030-SDFSS	1200	600	300	Single	Wall / Floor	2.0	2.0
13	NE-LSE-128020-SDFSS	1200	800	200	Single	Wall / Floor	2.0	2.0
14	NE-LSE-128025-SDFSS	1200	800	250	Single	Wall / Floor	2.0	2.0
15	NE-LSE-128030-SDFSS	1200	800	300	Single	Wall / Floor	2.0	2.0
16	NE-LSE-128040-SDFSS	1200	800	400	Single	Wall / Floor	2.0	2.0
17	NE-LSE-121025-SDFSS	1200	1000	250	Single	Wall / Floor	2.0	2.0
18	NE-LSE-121030-SDFSS	1200	1000	300	Single	Wall / Floor	2.0	2.0
19	NE-LSE-146030-SDFSS	1400	600	300	Single	Wall / Floor	2.0	2.0
20	NE-LSE-148020-SDFSS	1400	800	200	Single	Wall / Floor	2.0	2.0
21	NE-LSE-148025-SDFSS	1400	800	250	Single	Wall / Floor	2.0	2.0
22	NE-LSE-148030-SDFSS	1400	800	300	Single	Wall / Floor	2.0	2.0
23	NE-LSE-148040-SDFSS	1400	800	400	Single	Wall / Floor	2.0	2.0
24	NE-LSE-141030-SDFSS	1400	1000	300	Single	Wall / Floor	2.0	2.0
25	NE-LSE-141040-SDFSS	1400	1000	400	Single	Wall / Floor	2.0	2.0
26	NE-LSE-166040-SDFSS	1600	600	400	Single	Wall / Floor	2.0	2.0
27	NE-LSE-168030-SDFSS	1600	800	300	Single	Wall / Floor	2.0	2.0
28	NE-LSE-168040-SDFSS	1600	800	400	Single	Wall / Floor	2.0	2.0
29	NE-LSE-161030-SDFSS	1600	1000	300	Single	Wall / Floor	2.0	2.0
30	NE-LSE-161040-SDFSS	1600	1000	400	Single	Wall / Floor	2.0	2.0
31	NE-LSE-181030-SDFSS	1800	1000	300	Single	Wall / Floor	2.0	2.0
32	NE-LSE-181040-SDFSS	1800	1000	400	Single	Wall / Floor	2.0	2.0
33	NE-LSE-201030-SDFSS	2000	1000	300	Single	Wall / Floor	2.0	2.0
34	NE-LSE-201040-SDFSS	2000	1000	400	Single	Wall / Floor	2.0	2.0
35	NE-LSE-101030-DDFS	1000	1000	300	Double	Wall / Floor	2.0	2.0
36	NE-LSE-121025-DDFS	1200	1000	250	Double	Wall / Floor	2.0	2.0
37	NE-LSE-121030-DDFS	1200	1000	300	Double	Wall / Floor	2.0	2.0
38	NE-LSE-121040-DDFS	1200	1000	400	Double	Wall / Floor	2.0	2.0
39	NE-LSE-121225-DDFS	1200	1200	250	Double	Wall / Floor	2.0	2.0
40	NE-LSE-121230-DDFS	1200	1200	300	Double	Wall / Floor	2.0	2.0
41	NE-LSE-121240-DDFS	1200	1200	400	Double	Wall / Floor	2.0	2.0
42	NE-LSE-141030-DDFS	1400	1000	300	Double	Wall / Floor	2.0	2.0
43	NE-LSE-141040-DDFS	1400	1000	400	Double	Wall / Floor	2.0	2.0
44	NE-LSE-141230-DDFS	1400	1200	300	Double	Wall / Floor	2.0	2.0
45	NE-LSE-141240-DDFS	1400	1200	400	Double	Wall / Floor	2.0	2.0
46	NE-LSE-161030-DDFS	1600	1000	300	Double	Wall / Floor	2.0	2.0
47	NE-LSE-161040-DDFS	1600	1000	400	Double	Wall / Floor	2.0	2.0
48	NE-LSE-161230-DDFS	1600	1200	300	Double	Wall / Floor	2.0	2.0
49	NE-LSE-161240-DDFS	1600	1200	400	Double	Wall / Floor	2.0	2.0



Material and Color Specifications

Part Name	Color	Material
Door	RAL 7032 Texture	SS
Mounting Plate	RAL 2000 Smooth	GI
Body	RAL 7032 Texture	SS
Gasket	BLACK	PU

Stainless Steel 316 available on request

NESCO design these Aluminum Enclosures keeping in mind adverse ambient conditions.

The robust construction makes them excellent in resistance to the aggressive fluids encountered in industry, including high moisture, Chemical-resistance against Acetone, Ammoniac, Benzene, Benzoyl, Vapors & Fumes, Alkalis and Oils.

Aluminum enclosures are suitable for mounting terminals, switches, power supplies, operational and display elements, or electronic subassemblies.

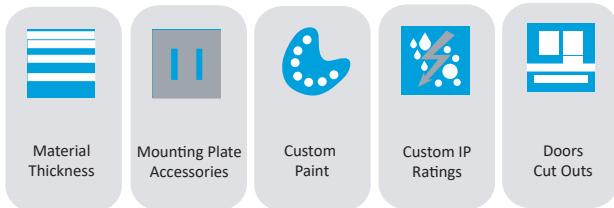
These are light weight enclosures, making them suitable specially for trailer mounted electrical assemblies.

Aluminum is also excellent in Heat Dissipation, thus making them ideal for high temperature environments.

Aluminum الألومنيوم

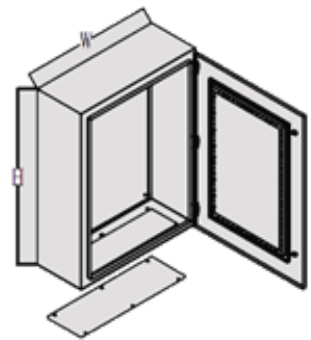
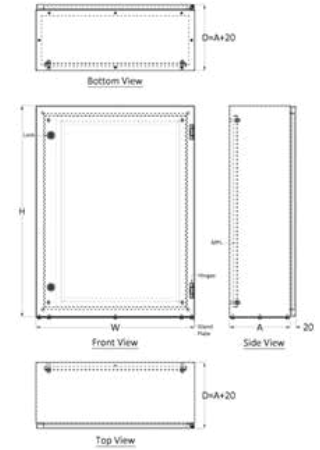


Configuration Options



SINGLE DOOR ENCLOSURES-ALUMINUM

S. No	Item Code	Height (mm)	Width (mm)	Depth (mm)	Door	Enclosure Mounting	Sheet Thickness	
							Enclosure	MPL
1	NE-SE-252015-SDWMA	250	200	150	Single	Wall	1.2	1.5
2	NE-SE-302015-SDWMA	300	200	150	Single	Wall	1.2	1.5
3	NE-SE-302515-SDWMA	300	250	150	Single	Wall	1.2	1.5
4	NE-SE-302520-SDWMA	300	250	200	Single	Wall	1.2	1.5
5	NE-SE-303015-SDWMA	300	300	150	Single	Wall	1.2	1.5
6	NE-SE-303020-SDWMA	300	300	200	Single	Wall	1.2	1.5
7	NE-SE-403015-SDWMA	400	300	150	Single	Wall	1.2	1.5
8	NE-SE-403020-SDWMA	400	300	200	Single	Wall	1.2	1.5
9	NE-SE-404015-SDWMA	400	400	150	Single	Wall	1.2	1.5
10	NE-SE-404020-SDWMA	400	400	200	Single	Wall	1.2	1.5
11	NE-SE-504015-SDWMA	500	400	150	Single	Wall	1.2	1.5
12	NE-SE-504020-SDWMA	500	400	200	Single	Wall	1.2	1.5
13	NE-SE-504025-SDWMA	500	400	250	Single	Wall	1.2	1.5
14	NE-SE-505020-SDWMA	500	500	200	Single	Wall	1.2	1.5
15	NE-SE-505025-SDWMA	500	500	250	Single	Wall	1.2	1.5
16	NE-SE-604015-SDWMA	600	400	150	Single	Wall	1.2	1.5
17	NE-SE-604020-SDWMA	600	400	200	Single	Wall	1.2	1.5
18	NE-SE-604025-SDWMA	600	400	250	Single	Wall	1.2	1.5
19	NE-SE-604030-SDWMA	600	400	300	Single	Wall	1.2	1.5
20	NE-SE-605015-SDWMA	600	500	150	Single	Wall	1.2	1.5
21	NE-SE-605020-SDWMA	600	500	200	Single	Wall	1.2	1.5
22	NE-SE-605025-SDWMA	600	500	250	Single	Wall	1.2	1.5
23	NE-SE-606020-SDWMA	600	600	200	Single	Wall	1.2	1.5
24	NE-SE-606025-SDWMA	600	600	250	Single	Wall	1.2	1.5
25	NE-SE-606030-SDWMA	600	600	300	Single	Wall	1.2	1.5
26	NE-SE-705015-SDWMA	700	500	150	Single	Wall	1.5	1.5
27	NE-SE-705020-SDWMA	700	500	200	Single	Wall	1.5	1.5
28	NE-SE-705025-SDWMA	700	500	250	Single	Wall	1.5	1.5
29	NE-SE-706020-SDWMA	700	600	200	Single	Wall	1.5	1.5
30	NE-SE-706025-SDWMA	700	600	250	Single	Wall	1.5	1.5
31	NE-SE-706030-SDWMA	700	600	300	Single	Wall	1.5	1.5
32	NE-SE-806015-SDWMA	800	600	150	Single	Wall	2	1.5
33	NE-SE-806020-SDWMA	800	600	200	Single	Wall	2	1.5
34	NE-SE-806025-SDWMA	800	600	250	Single	Wall	2	1.5
35	NE-SE-806030-SDWMA	800	600	300	Single	Wall	2	1.5
36	NE-SE-808015-SDWMA	800	800	150	Single	Wall	2	1.5
37	NE-SE-808020-SDWMA	800	800	200	Single	Wall	2	1.5
38	NE-SE-808025-SDWMA	800	800	250	Single	Wall	2	1.5
39	NE-SE-808030-SDWMA	800	800	300	Single	Wall	2	1.5



Polyurethane Gasket

Foam-in-place is a one piece gasket which provides adequate protection against dust and moisture. It has much better life span than other sealants.



Removable Hinges

The hinges are designed for maximum opening angle, durability and serve a long operational life without loosening.

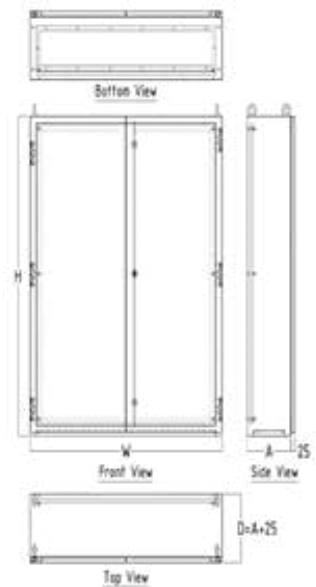
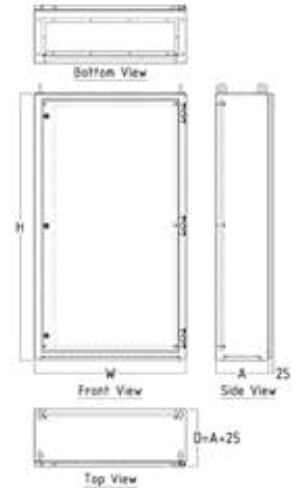


Stainless Steel Locks

Specially designed locks provide 3-position locking, with robust internal fail-safe mechanism.

DOUBLE DOOR ENCLOSURES-ALUMINUM

S. No	Item Code	Height (mm)	Width (mm)	Depth (mm)	Door	Enclosure Mounting	Sheet Thickness	
							Enclosure	MPL
1	NE-LSE-106020-SDFSA	1000	600	200	Single	Wall / Floor	2.0	2.0
2	NE-LSE-106025-SDFSA	1000	600	250	Single	Wall / Floor	2.0	2.0
3	NE-LSE-106030-SDFSA	1000	600	300	Single	Wall / Floor	2.0	2.0
4	NE-LSE-108020-SDFSA	1000	800	200	Single	Wall / Floor	2.0	2.0
5	NE-LSE-108025-SDFSA	1000	800	250	Single	Wall / Floor	2.0	2.0
6	NE-LSE-108030-SDFSA	1000	800	300	Single	Wall / Floor	2.0	2.0
7	NE-LSE-108040-SDFSA	1000	800	400	Single	Wall / Floor	2.0	2.0
8	NE-LSE-101025-SDFSA	1000	1000	250	Single	Wall / Floor	2.0	2.0
9	NE-LSE-101030-SDFSA	1000	1000	300	Single	Wall / Floor	2.0	2.0
10	NE-LSE-126020-SDFSA	1200	600	200	Single	Wall / Floor	2.0	2.0
11	NE-LSE-126025-SDFSA	1200	600	250	Single	Wall / Floor	2.0	2.0
12	NE-LSE-126030-SDFSA	1200	600	300	Single	Wall / Floor	2.0	2.0
13	NE-LSE-128020-SDFSA	1200	800	200	Single	Wall / Floor	2.0	2.0
14	NE-LSE-128025-SDFSA	1200	800	250	Single	Wall / Floor	2.0	2.0
15	NE-LSE-128030-SDFSA	1200	800	300	Single	Wall / Floor	2.0	2.0
16	NE-LSE-128040-SDFSA	1200	800	400	Single	Wall / Floor	2.0	2.0
17	NE-LSE-121025-SDFSA	1200	1000	250	Single	Wall / Floor	2.0	2.0
18	NE-LSE-121030-SDFSA	1200	1000	300	Single	Wall / Floor	2.0	2.0
19	NE-LSE-146030-SDFSA	1400	600	300	Single	Wall / Floor	2.0	2.0
20	NE-LSE-148020-SDFSA	1400	800	200	Single	Wall / Floor	2.0	2.0
21	NE-LSE-148025-SDFSA	1400	800	250	Single	Wall / Floor	2.0	2.0
22	NE-LSE-148030-SDFSA	1400	800	300	Single	Wall / Floor	2.0	2.0
23	NE-LSE-148040-SDFSA	1400	800	400	Single	Wall / Floor	2.0	2.0
24	NE-LSE-141030-SDFSA	1400	1000	300	Single	Wall / Floor	2.0	2.0
25	NE-LSE-141040-SDFSA	1400	1000	400	Single	Wall / Floor	2.0	2.0
26	NE-LSE-166040-SDFSA	1600	600	400	Single	Wall / Floor	2.0	2.0
27	NE-LSE-168030-SDFSA	1600	800	300	Single	Wall / Floor	2.0	2.0
28	NE-LSE-168040-SDFSA	1600	800	400	Single	Wall / Floor	2.0	2.0
29	NE-LSE-161030-SDFSA	1600	1000	300	Single	Wall / Floor	2.0	2.0
30	NE-LSE-161040-SDFSA	1600	1000	400	Single	Wall / Floor	2.0	2.0
31	NE-LSE-181030-SDFSA	1800	1000	300	Single	Wall / Floor	2.0	2.0
32	NE-LSE-181040-SDFSA	1800	1000	400	Single	Wall / Floor	2.0	2.0
33	NE-LSE-201030-SDFSA	2000	1000	300	Single	Wall / Floor	2.0	2.0
34	NE-LSE-201040-SDFSA	2000	1000	400	Single	Wall / Floor	2.0	2.0
35	NE-LSE-101030-DDFS	1000	1000	300	Double	Wall / Floor	2.0	2.0
36	NE-LSE-121025-DDFS	1200	1000	250	Double	Wall / Floor	2.0	2.0
37	NE-LSE-121030-DDFS	1200	1000	300	Double	Wall / Floor	2.0	2.0
38	NE-LSE-121040-DDFS	1200	1000	400	Double	Wall / Floor	2.0	2.0
39	NE-LSE-121225-DDFS	1200	1200	250	Double	Wall / Floor	2.0	2.0
40	NE-LSE-121230-DDFS	1200	1200	300	Double	Wall / Floor	2.0	2.0
41	NE-LSE-121240-DDFS	1200	1200	400	Double	Wall / Floor	2.0	2.0
42	NE-LSE-141030-DDFS	1400	1000	300	Double	Wall / Floor	2.0	2.0
43	NE-LSE-141040-DDFS	1400	1000	400	Double	Wall / Floor	2.0	2.0
44	NE-LSE-141230-DDFS	1400	1200	300	Double	Wall / Floor	2.0	2.0
45	NE-LSE-141240-DDFS	1400	1200	400	Double	Wall / Floor	2.0	2.0
46	NE-LSE-161030-DDFS	1600	1000	300	Double	Wall / Floor	2.0	2.0
47	NE-LSE-161040-DDFS	1600	1000	400	Double	Wall / Floor	2.0	2.0
48	NE-LSE-161230-DDFS	1600	1200	300	Double	Wall / Floor	2.0	2.0
49	NE-LSE-161240-DDFS	1600	1200	400	Double	Wall / Floor	2.0	2.0



Material and Color Specifications

Part Name	Color	Material
Door	RAL 7032 Texture	AL
Mounting Plate	RAL 2000 Smooth	GI
Body	RAL 7032 Texture	AL
Gasket	BLACK	PU



NESCO

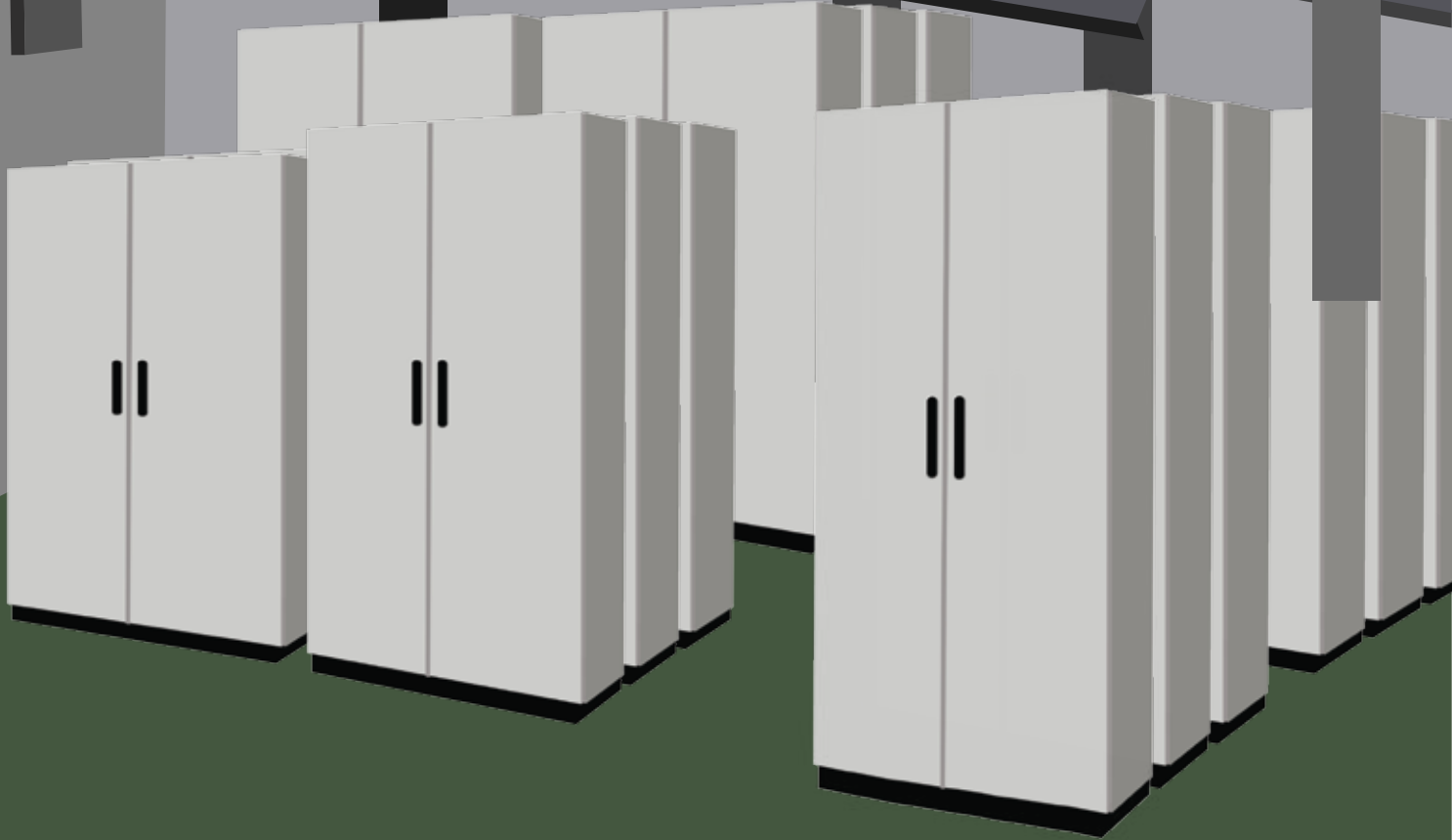
Excellence in Manufacturing

Modular enclosures provide an excellent system for organizing the cables and controls of domestic, commercial or even industrial units.

Extendible Enclosures

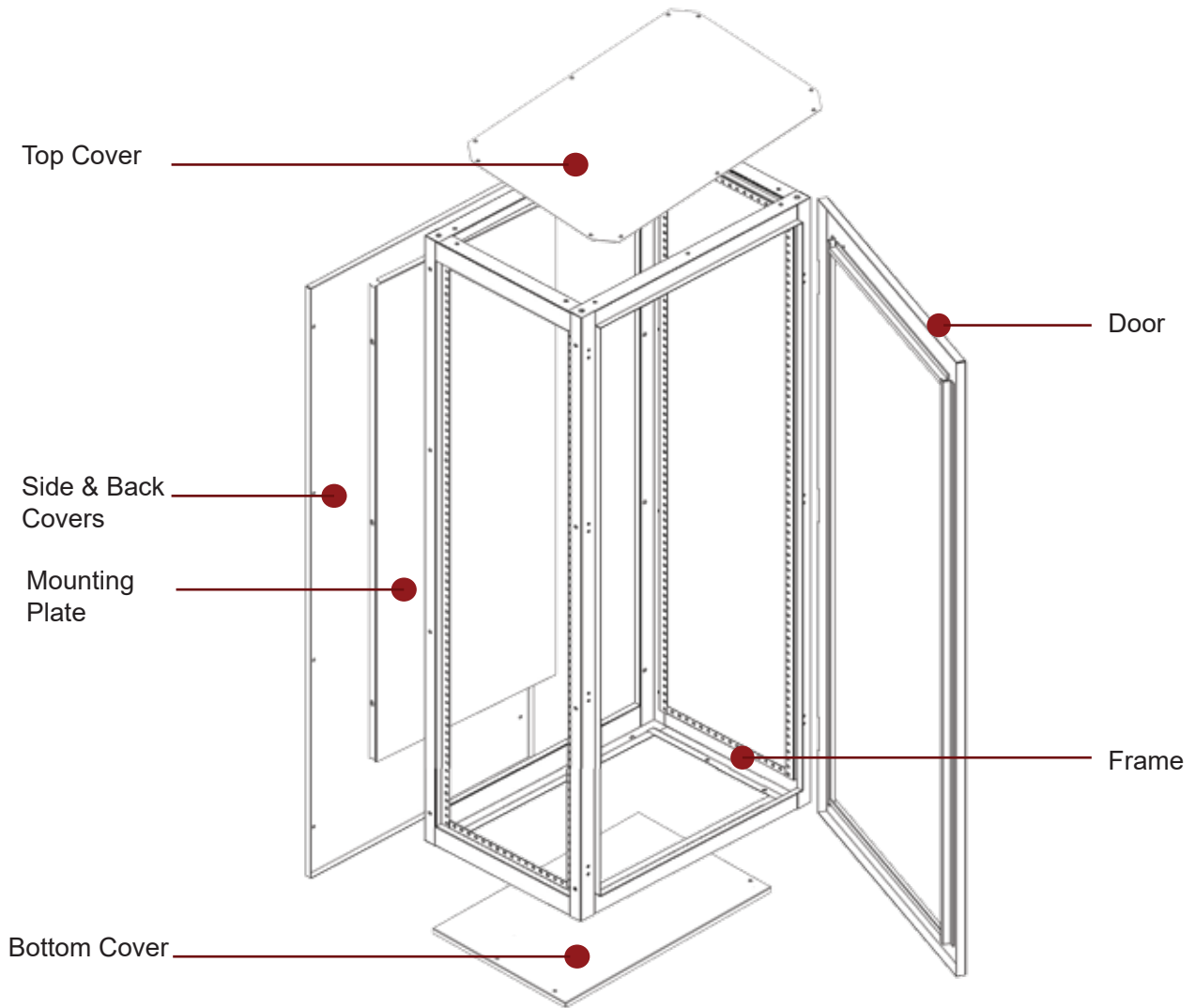
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Extendible enclosures are designed with perfection and have the flexibility of adding up additional components and systems to existing or new systems. These enclosures are custom designed to house different units for integration.



Extendable Enclosures

Product Description



Specifications

- High quality galvanized Iron
- Sheet thickness upto 2 mm
- Powder coated paint
- Wide angle door hinges
- Standard door locks
- PU Gasket

Extendable enclosures are ideal for complete electrical control rooms with multiple control and automations. These give flexibility of adding further component systems in successions.

Extendable enclosures are essentially Form II type, and are mainly used for power distribution network. The side, back, top and bottom covers are removable for easy access and for adding side by side. Gland boxes can be added on top and bottom, based on requirements.

Made for IP-41 and IP-54 protection class.
Also available for IP-65 upon request.

NSWG 500x400x210+mpl is tested and
successful for IP-65 at UL lab.

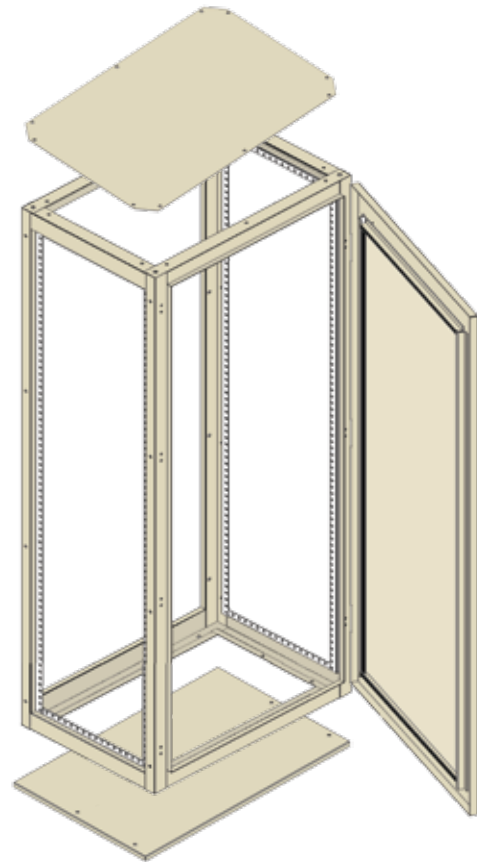
Top side gland plate is also available
upon request.

Conform with enclosure standard NF EN 62208.

IK10 to IEC EN 62262; protected against mechanical impacts of up to
20 joules.

Extendable Frames

	H (mm)	W (mm)	D (mm)
NE-EXGI-FR200306	2,000	300	600
NE-EXGI-FR200406	2,000	400	600
NE-EXGI-FR200606	2,000	600	600
NE-EXGI-FR200608	2,000	600	800
NE-EXGI-FR200806	2,000	800	600
NE-EXGI-FR200808	2,000	800	800
NE-EXGI-FR201006	2,000	1,000	600
NE-EXGI-FR201008	2,000	1,000	800
NE-EXGI-FR201010	2,000	1,000	1,000
NE-EXGI-FR201206	2,000	1,200	600
NE-EXGI-FR201208	2,000	1,200	800
NE-EXGI-FR201210	2,000	1,200	1,000
NE-EXGI-FR210406	2,150	400	600
NE-EXGI-FR210606	2,150	600	600
NE-EXGI-FR210806	2,150	800	600
NE-EXGI-FR210808	2,150	800	800
NE-EXGI-FR211006	2,150	1,000	600
NE-EXGI-FR211008	2,150	1,000	800
NE-EXGI-FR211010	2,150	1,000	1,000
NE-EXGI-FR211206	2,150	1,200	600
NE-EXGI-FR211208	2,150	1,200	800
NE-EXGI-FR211210	2,150	1,200	1,000



Material and Color Specifications

Part Name	Color	Material
Construction	RAL 7032 Texture	GI
IP Rating	55	GI
IK Rating	10	GI
Gasket	BLACK	PU



Polyurethane Gasket

Foam-in-place is a one piece gasket which provides adequate protection against dust and moisture. It has much better life span than other sealants.



Removable Hinges

The hinges are designed for maximum opening angle, durability and serve a long operational life without loosening.

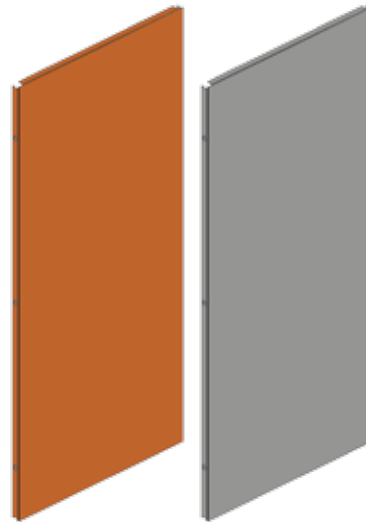


Stainless Steel Locks

Specially designed locks provide 3-position locking, with robust internal fail-safe mechanism.

Mounting Plate

	H (mm)	W (mm)
NE-EXGI-MPL2006-G	2000	600
NE-EXGI-MPL2008-G	2000	800
NE-EXGI-MPL2010-G	2000	1000
NE-EXGI-MPL2012-G	2000	1200
NE-EXGI-MPL2106-G	2150	600
NE-EXGI-MPL2108-G	2150	800
NE-EXGI-MPL2110-G	2150	1000
NE-EXGI-MPL2112-G	2150	1200
NE-EXGI-MPL2006-O	2000	600
NE-EXGI-MPL2008-O	2000	800
NE-EXGI-MPL2010-O	2000	1000
NE-EXGI-MPL2012-O	2000	1200
NE-EXGI-MPL2106-O	2150	600
NE-EXGI-MPL2108-O	2150	800
NE-EXGI-MPL2110-O	2150	1000
NE-EXGI-MPL2112-O	2150	1200



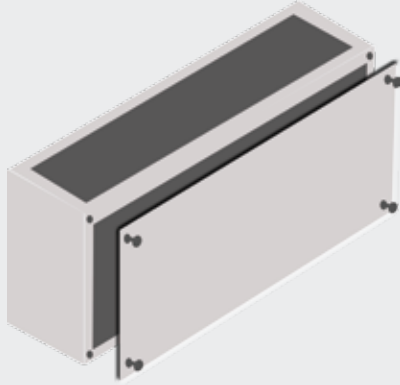
Side Covers

	H (mm)	W (mm)
NE-EXGI-SC2106	2150	600
NE-EXGI-SC2108	2150	800
NE-EXGI-SC2110	2150	1000
NE-EXGI-SC2112	2150	1200
NE-EXGI-SC2006	2000	600
NE-EXGI-SC2008	2000	800
NE-EXGI-SC2110	2000	1000
NE-EXGI-SC2112	2000	1200

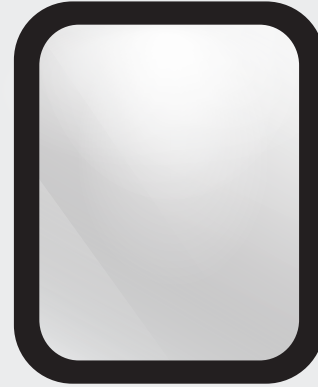


Material and Color Specifications

Part Name	Color	Material
Construction	RAL 7032 Texture	GI
IP Rating	55	GI
IK Rating	10	GI
Gasket	BLACK	PU

**Gland Box**

Gland Box is used to contain and protect electrical cable glands. It provides a safe and well-organized method of joining and terminating cables.

**Window Glass**

Custom glass window can be provided on request. High impact Polycarbonate is used to ensure quality. alternatively tempered glass is also available.

**Plinth**

Required for floor mounted enclosures. They can be color coded according to requirements.



NESCO

Excellence in Manufacturing

Modular enclosures provide an excellent system for organizing the cables and controls of domestic, commercial or even industrial units.

Modular Enclosures

الواح التوزيع

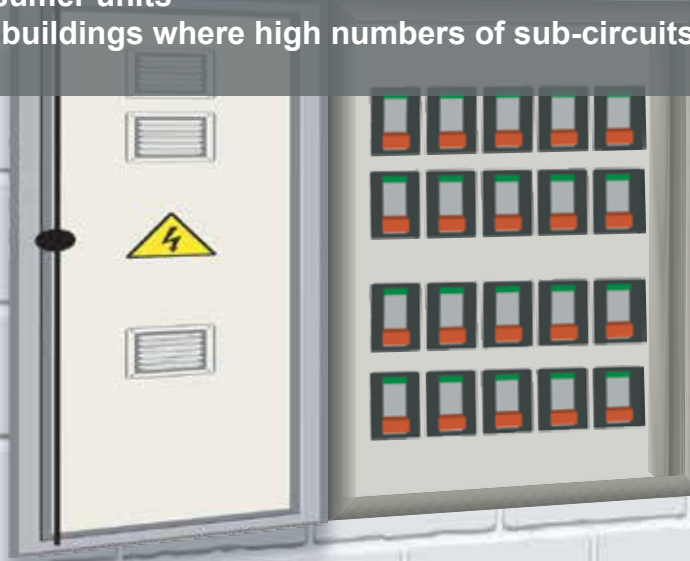
Main switch consumer units

Safest and most robust protective devices for incoming mains power.

Dual RCD consumer units

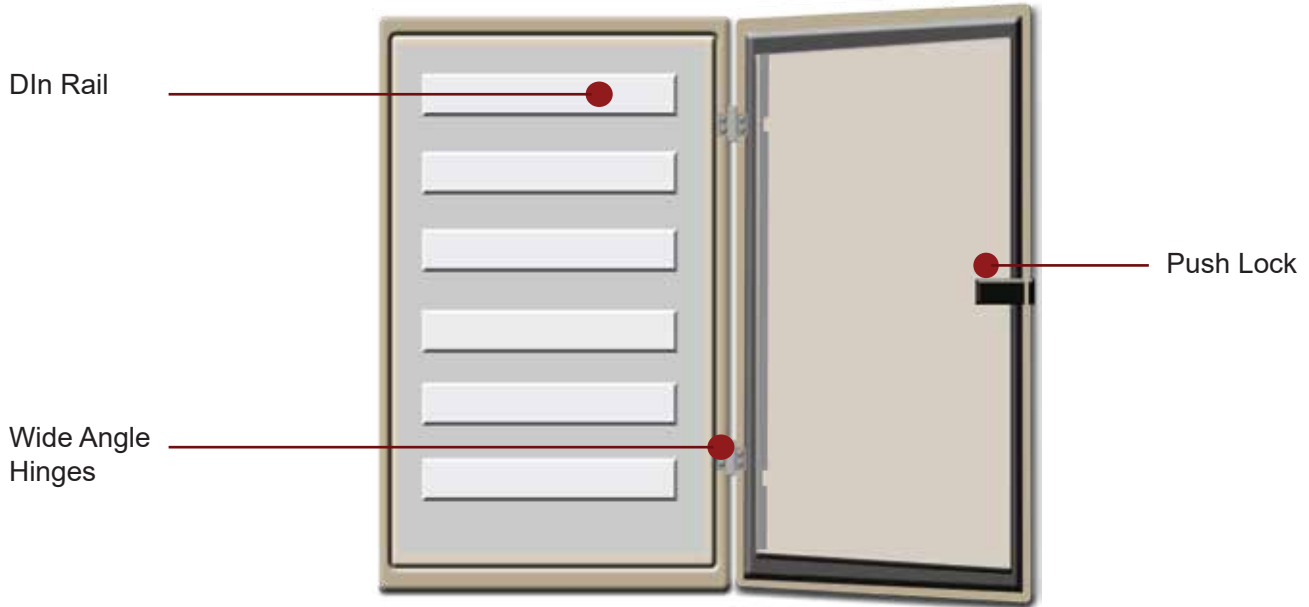
High integrity consumer units

Suitable for larger buildings where high numbers of sub-circuits.



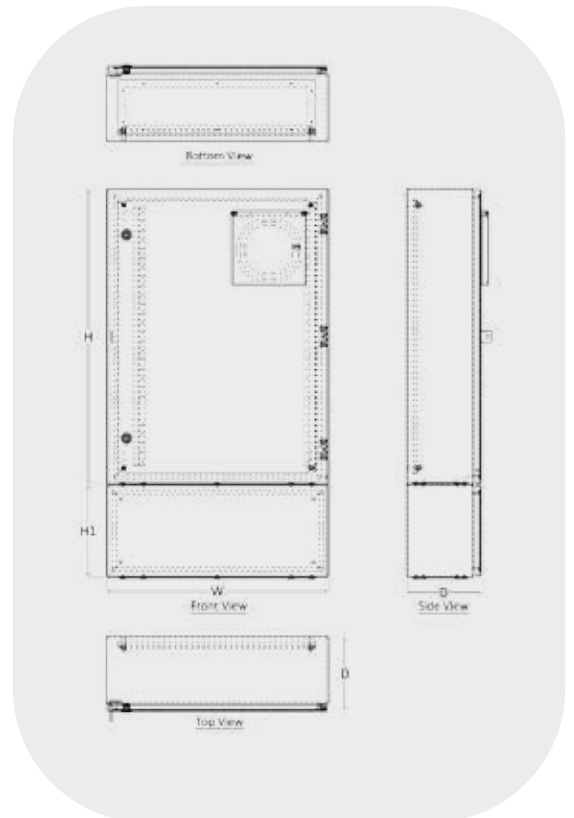
Standard Enclosures

Product Description



Specifications

- High quality galvanized Iron
- Sheet thickness upto 2 mm
- Powder coated paint
- Wide angle door hinges
- Standard door locks
- PU Gasket



Certified
Product

NESCO manufactures a wide range of standard modular enclosures suitable for Din-Rail mounted LV components. These enclosures are widely used in domestic, commercial and industrial applications.

Standard Specifications

Galvanized steel construction
Precision manufacturing
RAL 7035 and RAL 9010 colors
Door earthing stud
IP-41 protection
Tested and certified for IEC-62208



Made for IP-41 and IP-54 protection class.
Also available for IP-65 upon request.

Top side gland plate is also available upon request.



Polyurethane Gasket

Foam-in-place is a one piece gasket which provides adequate protection against dust and moisture. It has much better life span than other sealants.



Removable Hinges

The hinges are designed for maximum opening angle, durability and serve a long operational life without loosening.



Stainless Steel Locks

Specially designed locks provide 3-position locking, with robust internal fail-safe mechanism.



Degree of protection against ingress of water

Clause 9.8 of IEC 62208: Ed. 2.0: 2011-08

Clauses 14.2.5 & 14.3 of IEC 60529:1989, IEC 60529:1989/AMD1:1999
degree of protection IP X5.

Degree of protection against access to hazardous parts and against the ingress of solid foreign objects

Clause 9.8 of IEC 62208: Ed. 2.0: 2011-08

Clauses 13.4 & 13.6 IEC 60529:1989, IEC 60529:1989/AMD1:1999
for degree of protection IP6X

Category: 1

Resistance to corrosion (Clause: 9.13)

IEC 60068-2-30, salt mist test according to IEC 60068-2-11, ISO 4628-3

Thermal power dissipation capability

IEC 61439-1

Impact

IK10 to IEC EN 62262

Paint

ASTM 8117-19

IP Rating

IP-41 IEC 62208:2011

IEC 62208: Edition 2.0 2011-08 - Design verification

Marking	9.3
Static loads	9.4
Lifting	9.5
Axial loads of metal inserts	9.6
Degree of protection against external mechanical impacts (IK code)	9.7
Degree of protection against access to hazardous parts and against ingress of solid, objects and/or water (IP code)	9.8
Thermal Stability	9.9.1
Resistance to Heat	9.9.2
Resistance to abnormal heat & Fire	9.9.3
Dielectric Strength	9.10
Continuity of the Protective Circuit	9.11
Resistance to UV Radiation	9.12
Resistance to Corrosion	9.13
Thermal Power Dissipation Capability	9.14

UL TYPE EXAMINATION CERTIFICATE

Certificate No.	UL TEC-02069
Page	1/1
Date of Issue	2023-03-29
Issued to	NATIONAL ELECTRICAL SYSTEM INDUSTRIES FZE P.O. BOX: 41875, HAMRIYA FREE ZONE, PHASE 1, SHARJAH UAE
Manufacturer	NATIONAL ELECTRICAL SYSTEM INDUSTRIES FZE P.O. BOX: 41875, HAMRIYA FREE ZONE, PHASE 1, SHARJAH UAE
Manufacturing site/location	NATIONAL ELECTRICAL SYSTEM INDUSTRIES FZE P.O. BOX: 41875, HAMRIYA FREE ZONE, PHASE 1, SHARJAH UAE
Product Sample Description	Empty enclosure for low-voltage switchgear and controlgear assemblies, Wall / Floor mounted, modular and metering cabinets type metallic enclosure
Designation	NE-SE-XXXXXX-SDWM, NE-LSE-XXXXXX-SDFS, NE-LSE-XXXXXX-DDFS for Wall/Floor Mounted type NE-ME-XXXXXX-SG for modular enclosures NE-MMSDXXXXXX-PL-H for metering cabinets
Ratings	IP rating: IP 65 for wall/floor mounted enclosures and metering cabinets, IP41 for modular enclosures Mechanical impact: IK 08 Ambient Temperature: 50°C Refer Type Examination summary for other details (4790675885.6.1-S)
Product Sample Tested and found in compliance with Standard(s)	IEC 62208:2011
Test Report Nos.	4790675885.6.1 issued on 2023-03-27
Additional information	N/A

Certification Manager
Jan-Erik Storgaard

Certification Body

This is to certify that the sample(s) of this Product described herein has been investigated and found to have been in compliance with the Standard(s) indicated on this Certificate, in accordance with the UL Type Examination Certificate Program Requirements. This certificate and test results obtained apply only to the product sample(s) submitted by the Applicant. UL did not select the sample(s) or determine whether the sample(s) provided were representative of other manufactured products. UL has not established a specific Service or other requirements of the product. The Applicant shall maintain the ability and the responsibility to fully disclose all testing, conformity and all products to all applicable Standards, specifications or requirements. The test results may not be used, in whole or in part, in any other document without UL's prior written approval.

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Modular Enclosures 12 Modules

S. No.	Item Code	No. of Row	Module	Box			Flush Type Cover (F)		Surface Type Cover (S)	
				A	B	C	D	E	F	G
1	NE-ME(F/S)-112-SG	1	12	300	365	115	325	468	309	452
2	NE-ME(F/S)-212-SG	2	12	450	365	115	475	468	459	452
3	NE-ME(F/S)-312-SG	3	12	600	365	115	625	468	609	452
4	NE-ME(F/S)-412-SG	4	12	750	365	115	775	468	759	452
5	NE-ME(F/S)-512-SG	5	12	900	365	115	925	468	909	452
6	NE-ME(F/S)-612-SG	6	12	1050	365	115	1075	468	1059	452

Made for IP-41

Top side gland plate is also available upon request.

Material and Color Specifications

Part Name	Color	Material
Door	RAL 7035 Texture	GI
Body	RAL 7035 Texture	GI



MODULAR ENCLOSURE 16 MODULES

S. No.	Item Code	No. of Row	Module	Box			Flush Type Cover (F)		Surface Type Cover (S)	
				A	B	C	D	E	F	G
1	NE-ME(F/S)-116-SG	1	16	300	440	115	325	468	309	452
2	NE-ME(F/S)-216-SG	2	16	450	440	115	475	468	459	452
3	NE-ME(F/S)-316-SG	3	16	600	440	115	625	468	609	452
4	NE-ME(F/S)-416-SG	4	16	750	440	115	775	468	759	452
5	NE-ME(F/S)-516-SG	5	16	900	440	115	925	468	909	452
6	NE-ME(F/S)-616-SG	6	16	1050	440	115	1075	468	1059	452

Made for IP-41

Top side gland plate is also available upon request.

Material and Color Specifications

Part Name	Color	Material
Door	RAL 7035 Texture	GI
Body	RAL 7035 Texture	GI



MODULAR ENCLOSURE 24 MODULES

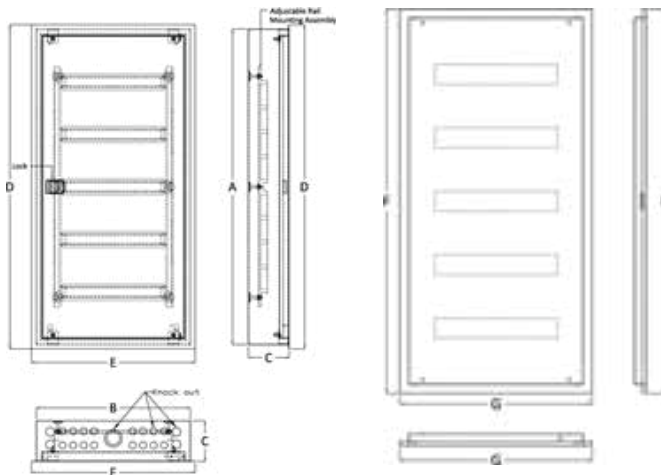
S. No.	Item Code	No. of Row	Module	Box			Flush Type Cover (F)		Surface Type Cover (S)	
				A	B	C	D	E	F	G
1	NE-ME(F/S)-124-SG	1	16	300	584	115	325	468	309	452
2	NE-ME(F/S)-224-SG	2	16	450	584	115	475	468	459	452
3	NE-ME(F/S)-324-SG	3	16	600	584	115	625	468	609	452
4	NE-ME(F/S)-424-SG	4	16	750	584	115	775	468	759	452
5	NE-ME(F/S)-524-SG	5	16	900	584	115	925	468	909	452
6	NE-ME(F/S)-624-SG	6	16	1050	584	115	1075	468	1059	452

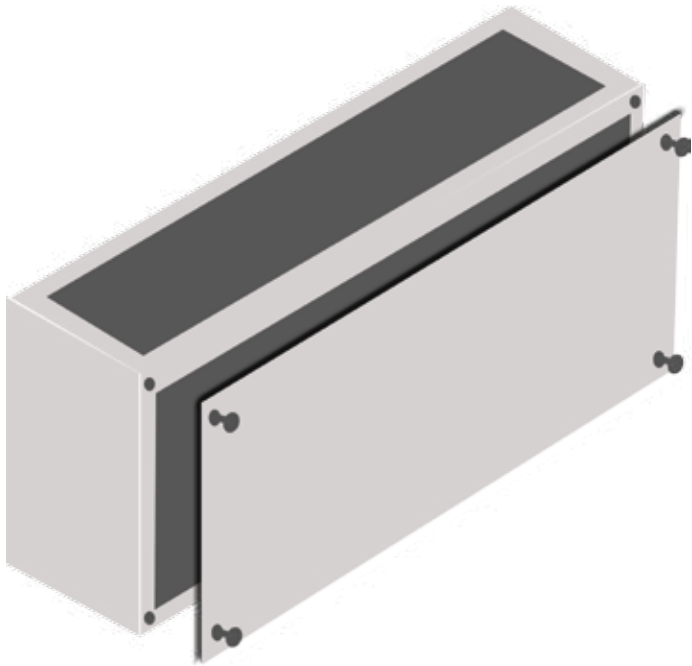
Made for IP-41

Top side gland plate is also available upon request.

Material and Color Specifications

Part Name	Color	Material
Door	RAL 7035 Texture	GI
Body	RAL 7035 Texture	GI





Standard Gland Boxes are available as required. The size and material remains as per the enclosure size.



NESCO

Excellence in Manufacturing

Metering cabinets is an essential component of domestic electrical installations. They house the utility meters of respective service providers.

Metering Cabinets

UL Certified
IEC-62208

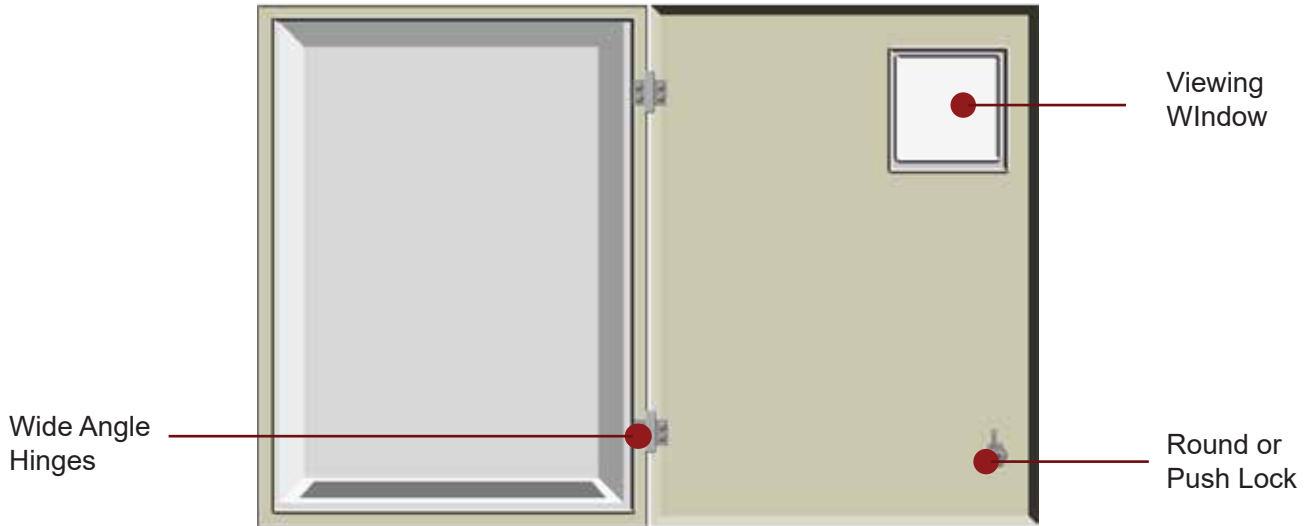
Metering cabinets are essential part of electrical system. They are designed to house the respective utility meters.

Different options including viewing glass and gland box can be supplied based on individual requirements.



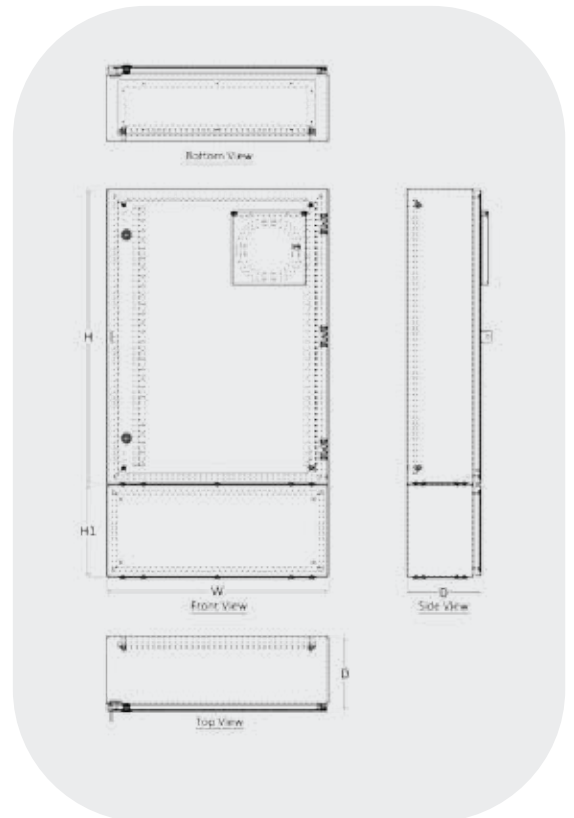
Standard Enclosures

Product Description



Specifications

- High quality galvanized Iron
- Sheet thickness upto 2 mm
- Powder coated paint
- Wide angle door hinges
- Standard and SS door locks
- PU Gasket

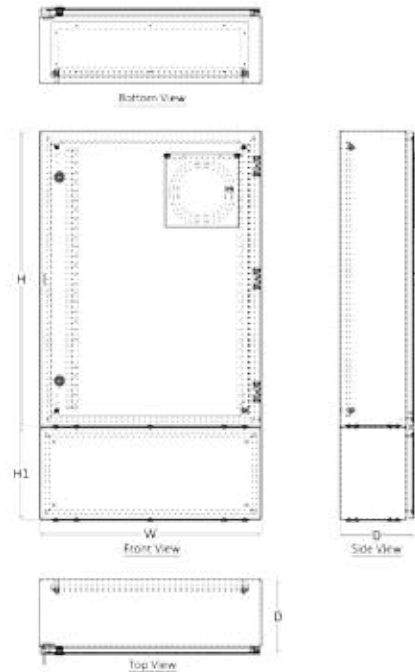


NESCO manufactures a wide range of standard metering enclosures, according to specifications of utility companies. These are available with optional features and components to house electrical or water meters.

Standard Specifications

Galvanized steel construction
Strong weatherproof
Precision manufacturing
RAL 7035 or 7032
Tested and certified for IEC-62208

Made for IP-65 protection class.
Gland box is available separately if required



Polyurethane Gasket

Foam-in-place is a one piece gasket which provides adequate protection against dust and moisture. It has much better life span than other sealants.



Removable Hinges

The hinges are designed for maximum opening angle, durability and serve a long operational life without loosening.



Stainless Steel Locks

Specially designed locks provide 3-position locking, with robust internal fail-safe mechanism.



Degree of protection against ingress of water

Clause 9.8 of IEC 62208: Ed. 2.0: 2011-08
Clauses 14.2.5 & 14.3 of IEC 60529:1989, IEC 60529:1989/AMD1:1999
degree of protection IP X5.

Degree of protection against access to hazardous parts and against the ingress of solid foreign objects

Clause 9.8 of IEC 62208: Ed. 2.0: 2011-08
Clauses 13.4 & 13.6 IEC 60529:1989, IEC 60529:1989/AMD1:1999
for degree of protection IP6X
Category: 1

Resistance to corrosion (Clause: 9.13)

IEC 60068-2-30, salt mist test according to IEC 60068-2-11, ISO 4628-3

Thermal power dissipation capability

IEC 61439-1

Impact

IK10 to IEC EN 62262

Paint

ASTM 8117-19

IP Rating

IP-65 IEC 62208:2011

IEC 62208: Edition 2.0 2011-08 - Design verification

Marking	9.3
Static loads	9.4
Lifting	9.5
Axial loads of metal inserts	9.6
Degree of protection against external mechanical impacts (IK code)	9.7
Degree of protection against access to hazardous parts and against ingress of solid, objects and/or water (IP code)	9.8
Thermal Stability	9.9.1
Resistance to Heat	9.9.2
Resistance to abnormal heat & Fire	9.9.3
Dielectric Strength	9.10
Continuity of the Protective Circuit	9.11
Resistance to UV Radiation	9.12
Resistance to Corrosion	9.13
Thermal Power Dissipation Capability	9.14

UL TYPE EXAMINATION CERTIFICATE

Certificate No.	UL TEC-02069
Page	1/1
Date of Issue	2023-03-29
Issued to	NATIONAL ELECTRICAL SYSTEM INDUSTRIES FZE P.O. BOX: 41875, HAMRIYA FREE ZONE, PHASE 1, SHARJAH UAE
Manufacturer	NATIONAL ELECTRICAL SYSTEM INDUSTRIES FZE P.O. BOX: 41875, HAMRIYA FREE ZONE, PHASE 1, SHARJAH UAE
Manufacturing site/location	NATIONAL ELECTRICAL SYSTEM INDUSTRIES FZE P.O. BOX: 41875, HAMRIYA FREE ZONE, PHASE 1, SHARJAH UAE
Product Sample Description	Empty enclosure for low-voltage switchgear and controlgear assemblies, Wall / Floor mounted, modular and metering cabinets type metallic enclosure.
Designation	NE-SE-XXXXXX-SDWM, NE-LSE-XXXXXX-SDFS, NE-LSE-XXXXXX-DDFS for Wall/Floor Mounted type NE-MEXXXXXX-SG for modular enclosures NE-MMSDXXXXXXPL-H for metering cabinets
Ratings	IP rating: IP 65 for wall/floor mounted enclosures and metering cabinets, IP41 for modular enclosures Mechanical impact: IK 08 Ambient Temperature: 50°C Refer Type Examination Summary for other details (4790675885.6.1-S)
Product Sample Tested and found in compliance with Standard(s)	IEC 62208:2011
Test Report Nos.	4790675885.6.1 issued on 2023-03-27
Additional information	N/A

Certification Manager
Jan-Erik Storgaard

Certification Body

This is to certify that the conformity of the Product described herein has been investigated and found to have been compliance with the Standard(s) indicated on this Certificate, in accordance with the UL Type Examination Certificate Program Requirements. This certificate and test results obtained apply only to the product sample(s) submitted by the Applicant. UL does not warrant the accuracy or otherwise of the information provided herein in representation of other manufacturer's products. UL has not established a factory, service or other premises of the product. The Applicant/Manufacturer are solely and fully responsible for any declaration of ongoing conformity of all products to all applicable Standards, specifications or requirements. Test results may not be used to make any claim in any other jurisdiction.

UL International Demko A/S, Borupvang 5A, 2750
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www.ul.com



METERING CABINETS

S. No	Item Code	H	W	D	Sheet Thickness		Cutout	* Glass
					Enclosure	MPL		
1	NE-MMSD504020PL-HD	500	400	200	1.2	1.5	Yes	Yes
2	NE-MMSD504025PL-HD	500	400	250	1.2	1.5	Yes	Yes
3	NE-MMSD504030PL-HD	500	400	300	1.2	1.5	Yes	Yes
4	NE-MMSD505020PL-HD	500	500	200	1.2	1.5	Yes	Yes
5	NE-MMSD505025PL-HD	500	500	250	1.2	1.5	Yes	Yes
6	NE-MMSD505030PL-HD	500	500	300	1.2	1.5	Yes	Yes
7	NE-MMSD806020PL-HD	600	400	200	1.2	1.5	Yes	Yes
8	NE-MMSD604025PL-HD	600	400	250	1.2	1.5	Yes	Yes
9	NE-MMSD604030PL-HD	600	400	300	1.2	1.5	Yes	Yes
10	NE-MMSD605020PL-HD	600	500	200	1.2	1.5	Yes	Yes
11	NE-MMSD605025PL-HD	600	500	250	1.2	1.5	Yes	Yes
12	NE-MMSD605030PL-HD	600	500	300	1.2	1.5	Yes	Yes
13	NE-MMSD606020PL-HD	600	600	200	1.2	1.5	Yes	Yes
14	NE-MMSD606025PL-HD	600	600	250	1.2	1.5	Yes	Yes
15	NE-MMSD606030PL-HD	600	600	300	1.2	1.5	Yes	Yes
16	NE-MMSD705020PL-HD	700	500	200	1.5	1.5	Yes	Yes
17	NE-MMSD705025PL-HD	700	500	250	1.5	1.5	Yes	Yes
18	NE-MMSD705030PL-HD	700	500	300	1.5	1.5	Yes	Yes
19	NE-MMSD706020PL-HD	700	600	200	1.5	1.5	Yes	Yes
20	NE-MMSD706025PL-HD	700	600	250	1.5	1.5	Yes	Yes
21	NE-MMSD706030PL-HD	700	600	300	1.5	1.5	Yes	Yes
22	NE-MMSD707020PL-HD	700	700	200	1.5	1.5	Yes	Yes
23	NE-MMSD707025PL-HD	700	700	250	1.5	1.5	Yes	Yes
24	NE-MMSD707030PL-HD	700	700	300	1.5	1.5	Yes	Yes
25	NE-MMSD804020PL-HD	800	400	200	2.0	1.5	Yes	Yes
26	NE-MMSD804025PL-HD	800	400	250	2.0	1.5	Yes	Yes
27	NE-MMSD804030PL-HD	800	400	300	2.0	1.5	Yes	Yes
28	NE-MMSD806020PL-HD	800	600	200	2.0	1.5	Yes	Yes
29	NE-MMSD806025PL-HD	800	600	250	2.0	1.5	Yes	Yes
30	NE-MMSD806030PL-HD	800	600	300	2.0	1.5	Yes	Yes

* Tempered glass 3 mm
 Polycarbonate 3 mm
 Perspex upto 5 mm



Polycarbonate / Perspex upto 5 mm.



Polyurethane Gasket

Foam-in-place is a one piece gasket which provides adequate protection against dust and moisture. It has much better life span than other sealants.



Removable Hinges

The hinges are designed for maximum opening angle, durability and serve a long operational life without loosening.



Stainless Steel Locks

Specially designed locks provide 3-position locking, with robust internal fail-safe mechanism.

METERING CABINETS

S. No	Item Code	H	W	D	Sheet Thickness		Cutout	* Glass
					Enclosure	MPL		
31	NE-MMSD808020PL-HD	800	800	200	2.0	1.5	Yes	Yes
32	NE-MMSD808025PL-HD	800	800	250	2.0	1.5	Yes	Yes
33	NE-MMSD808030PL-HD	800	800	300	2.0	1.5	Yes	Yes
34	NE-MMSD106020PL-H	1000	600	200	2.0	1.5	Yes	Yes
35	NE-MMSD106025PL-H	1000	600	250	2.0	1.5	Yes	Yes
36	NE-MMSD106030PL-H	1000	600	300	2.0	1.5	Yes	Yes
37	NE-MMSD108020PL-H	1000	800	200	2.0	1.5	Yes	Yes
38	NE-MMSD108025PL-H	1000	800	250	2.0	1.5	Yes	Yes
39	NE-MMSD108030PL-H	1000	800	300	2.0	1.5	Yes	Yes
40	NE-MMSD101020PL-H	1000	1000	200	2.0	1.5	Yes	Yes
41	NE-MMSD101025PL-H	1000	1000	250	2.0	1.5	Yes	Yes
42	NE-MMSD101030PL-H	1000	1000	300	2.0	1.5	Yes	Yes
43	NE-MMSD126020PL-H	1200	600	200	2.0	1.5	Yes	Yes
44	NE-MMSD126025PL-H	1200	600	250	2.0	1.5	Yes	Yes
45	NE-MMSD126030PL-H	1200	600	300	2.0	1.5	Yes	Yes
46	NE-MMSD128020PL-H	1200	800	200	2.0	1.5	Yes	Yes
47	NE-MMSD128025PL-H	1200	800	250	2.0	1.5	Yes	Yes
48	NE-MMSD128030PL-H	1200	800	300	2.0	1.5	Yes	Yes
49	NE-MMSD121020PL-H	1200	1000	200	2.0	1.5	Yes	Yes
50	NE-MMSD121025PL-H	1200	1000	250	2.0	1.5	Yes	Yes
51	NE-MMSD121030PL-H	1200	1000	300	2.0	1.5	Yes	Yes

* Tempered glass 3 mm
Polycarbonate 3 mm
Perspex upto 5 mm

Custom sizes available on request



Polycarbonate / Perspex upto 5 mm.



Polyurethane Gasket

Foam-in-place is a one piece gasket which provides adequate protection against dust and moisture. It has much better life span than other sealants.



Removable Hinges

The hinges are designed for maximum opening angle, durability and serve a long operational life without loosening.



Stainless Steel Locks

Specially designed locks provide 3-position locking, with robust internal fail-safe mechanism.

METERING CABINETS

S. No	Item Code	H	W	D	Sheet Thickness		Cutout	Glass
					Enclosure	MPL		
1	NE-MMSD504020PL-HDW	500	400	200	1.2	1.5	-	-
2	NE-MMSD504025PL-HDW	500	400	250	1.2	1.5	-	-
3	NE-MMSD504030PL-HDW	500	400	300	1.2	1.5	-	-
4	NE-MMSD505020PL-HDW	500	500	200	1.2	1.5	-	-
5	NE-MMSD505025PL-HDW	500	500	250	1.2	1.5	-	-
6	NE-MMSD505030PL-HDW	500	500	300	1.2	1.5	-	-
7	NE-MMSD806020PL-HDW	600	400	200	1.2	1.5	-	-
8	NE-MMSD604025PL-HDW	600	400	250	1.2	1.5	-	-
9	NE-MMSD604030PL-HDW	600	400	300	1.2	1.5	-	-
10	NE-MMSD605020PL-HDW	600	500	200	1.2	1.5	-	-
11	NE-MMSD605025PL-HDW	600	500	250	1.2	1.5	-	-
12	NE-MMSD605030PL-HDW	600	500	300	1.2	1.5	-	-
13	NE-MMSD606020PL-HDW	600	600	200	1.2	1.5	-	-
14	NE-MMSD606025PL-HDW	600	600	250	1.2	1.5	-	-
15	NE-MMSD606030PL-HDW	600	600	300	1.2	1.5	-	-
16	NE-MMSD705020PL-HDW	700	500	200	1.5	1.5	-	-
17	NE-MMSD705025PL-HDW	700	500	250	1.5	1.5	-	-
18	NE-MMSD705030PL-HDW	700	500	300	1.5	1.5	-	-
19	NE-MMSD706020PL-HDW	700	600	200	1.5	1.5	-	-
20	NE-MMSD706025PL-HDW	700	600	250	1.5	1.5	-	-
21	NE-MMSD706030PL-HDW	700	600	300	1.5	1.5	-	-
22	NE-MMSD707020PL-HDW	700	700	200	1.5	1.5	-	-
23	NE-MMSD707025PL-HDW	700	700	250	1.5	1.5	-	-
24	NE-MMSD707030PL-HDW	700	700	300	1.5	1.5	-	-
25	NE-MMSD804020PL-HDW	800	400	200	2.0	1.5	-	-
26	NE-MMSD804025PL-HDW	800	400	250	2.0	1.5	-	-
27	NE-MMSD804030PL-HDW	800	400	300	2.0	1.5	-	-
28	NE-MMSD806020PL-HDW	800	600	200	2.0	1.5	-	-
29	NE-MMSD806025PL-HDW	800	600	250	2.0	1.5	-	-
30	NE-MMSD806030PL-HDW	800	600	300	2.0	1.5	-	-



Polyurethane Gasket

Foam-in-place is a one piece gasket which provides adequate protection against dust and moisture. It has much better life span than other sealants.



Removable Hinges

The hinges are designed for maximum opening angle, durability and serve a long operational life without loosening.



Stainless Steel Locks

Specially designed locks provide 3-position locking, with robust internal fail-safe mechanism.

METERING CABINETS

S. No	Item Code	H	W	D	Sheet Thickness		Cutout	Glass
					Enclosure	MPL		
31	NE-MMSD808020PL-HDW	800	800	200	2.0	1.5	-	-
32	NE-MMSD808025PL-HDW	800	800	250	2.0	1.5	-	-
33	NE-MMSD808030PL-HDW	800	800	300	2.0	1.5	-	-
34	NE-MMSD106020PL-HW	1000	600	200	2.0	1.5	-	-
35	NE-MMSD106025PL-HW	1000	600	250	2.0	1.5	-	-
36	NE-MMSD106030PL-HW	1000	600	300	2.0	1.5	-	-
37	NE-MMSD108020PL-HW	1000	800	200	2.0	1.5	-	-
38	NE-MMSD108025PL-HW	1000	800	250	2.0	1.5	-	-
39	NE-MMSD108030PL-HW	1000	800	300	2.0	1.5	-	-
40	NE-MMSD101020PL-HW	1000	1000	200	2.0	1.5	-	-
41	NE-MMSD101025PL-HW	1000	1000	250	2.0	1.5	-	-
42	NE-MMSD101030PL-HW	1000	1000	300	2.0	1.5	-	-
43	NE-MMSD126020PL-HW	1200	600	200	2.0	1.5	-	-
44	NE-MMSD126025PL-HW	1200	600	250	2.0	1.5	-	-
45	NE-MMSD126030PL-HW	1200	600	300	2.0	1.5	-	-
46	NE-MMSD128020PL-HW	1200	800	200	2.0	1.5	-	-
47	NE-MMSD128025PL-HW	1200	800	250	2.0	1.5	-	-
48	NE-MMSD128030PL-HW	1200	800	300	2.0	1.5	-	-
49	NE-MMSD121020PL-HW	1200	1000	200	2.0	1.5	-	-
50	NE-MMSD121025PL-HW	1200	1000	250	2.0	1.5	-	-
51	NE-MMSD121030PL-HW	1200	1000	300	2.0	1.5	-	-

Custom sizes available on request



Polyurethane Gasket

Foam-in-place is a one piece gasket which provides adequate protection against dust and moisture. It has much better life span than other sealants.



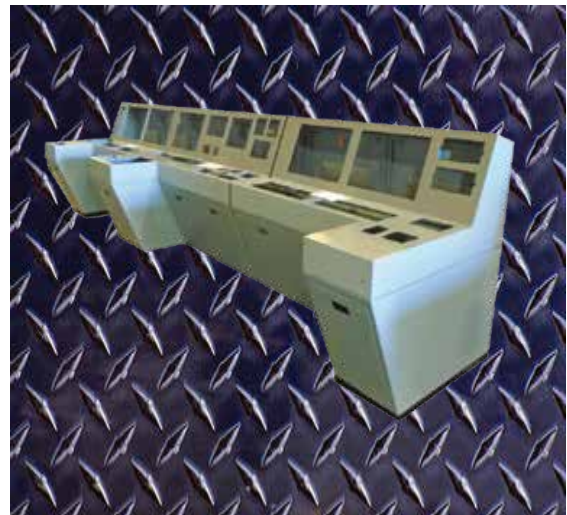
Removable Hinges

The hinges are designed for maximum opening angle, durability and serve a long operational life without loosening.



Stainless Steel Locks

Specially designed locks provide 3-position locking, with robust internal fail-safe mechanism.



NESCO

Excellence in Manufacturing

We cater to major market segments with sheet metal manufacturing as integral part. These include Electrical, Marine, HVAC and an endless list of companies.

Etisalat ONT Cabinets

These cabinets are designed in line with Etisalat FTTX requirements and specifications, manufactured with precision. The durable construction lasts years.

This cabinet can be flushed or surface mounted, customization is available based in individual requirements.

- Ventilated door design with tempered glass
- Aesthetic Design
- Mechanical Door Latch
- Inner-mount plate with Grid Mount
- Key lock on the door
- Cable entry on both top and bottom
- Door hinges designed for maximum opening angle
- Adjustable mounting rails
- Individual Packaged

Model:	NEGI-W-606015-MET-1
Type:	Wall Mount
Material:	Galvanized Steel
Paint finish:	Powder Coated RAL-7035
Rating:	IP 20
Dimensions:	Height: 600 mm Width: 600 mm Depth: 150 mm



Removable Hinges

The hinges are designed for maximum opening angle, durability and serve a long operational life without loosening.



Stainless Steel Locks

Specially designed locks provide 3-position locking, with robust internal fail-safe mechanism.

Packaged Substations

الطوبىات التامة

Our design team is well versed with the current requirements and has extensive experience in collaborative product development.

We cater to a wide range of custom design and development in electrical industry.

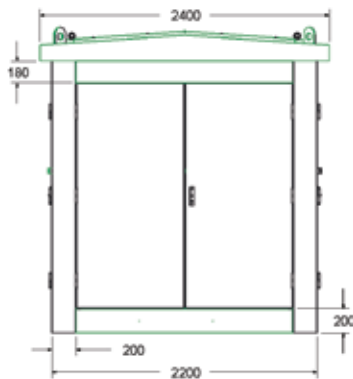
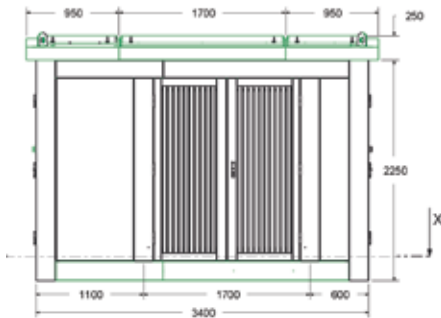


Packaged Sub-Stations

Packaged substation enclosures are designed and manufactures for individual customer requirements. These can either be simple sub-stations with Transformers, or Switchgears or complex systems with multiple components and automation controls.

Applications

Energy
Infrastructure
Commercial

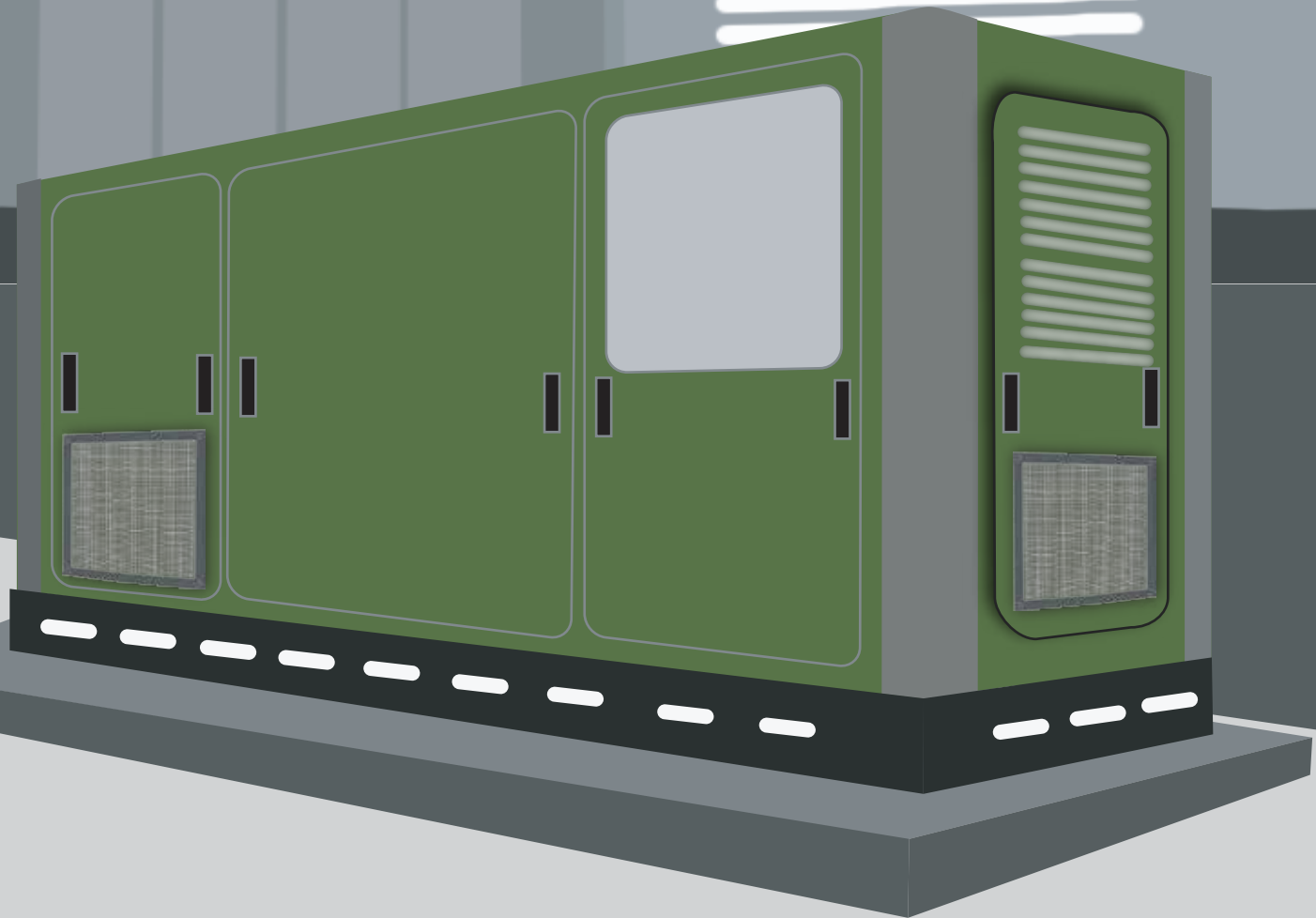


Generator Enclosures

These enclosures are specifically designed for noise-reduction and protection of generators from harsh climatic conditions. Custom built for individual customers, they can be manufactured with a wide variety of options.

Applications

Energy
Infrastructure
Commercial



Generator Enclosures

Customized solutions for material and sizes. These are weatherproof, noise reducing enclosure for portable or standby generators, compressors, industrial equipment, pumps, vacuums, blowers, and variety of other applications.

- Weather-protective enclosures
- Sound-attenuating enclosures
- Walk-in enclosures

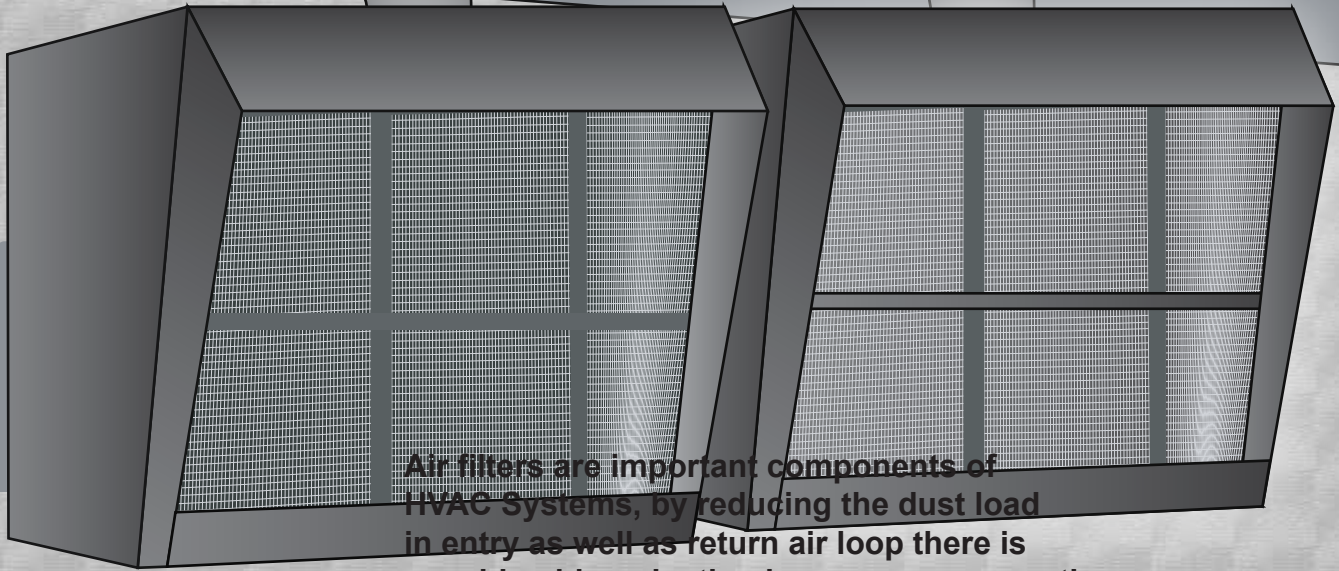
These enclosures are designed keeping in view ample ventilation to keep the equipment working at optimum temperatures. With optional double wall insulated and framed-structure our enclosures provide the best protection for any type of generator or other equipment.



Air Filter Enclosures

حاويات فلتير الهواء

Designed and fabricated for optimal performance of Air Conditioning systems. These enclosures can house filters of required sizes and specifications.



Air filters are important components of HVAC Systems, by reducing the dust load in entry as well as return air loop there is considerable reduction in energy consumption.

Design and Construction

We manufacture these enclosures according to custom design and specifications. They can be constructed of Galvanized Iron, Stainless Steel 304/316 and Aluminum.

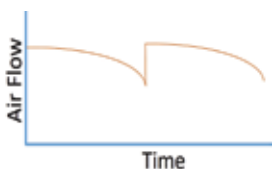
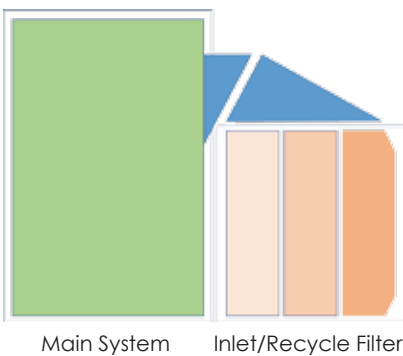
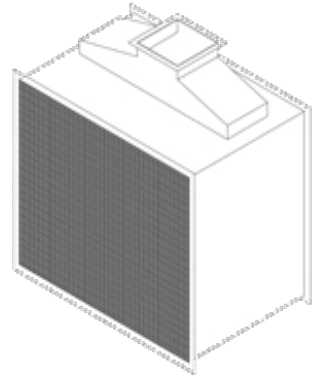
Air filters removes impurities such as dust, sand, and all particles from the air flowing through the system. This not only improves the air quality but it also protects your air conditioning system from damage.

Features

- Dust free environment
- Customized Solutions
 - Horizontal configuration
 - Vertical configuration
- Load reduction in HVAC Systems
- Prefiltration in all types of
 - HVAC Air conditioning systems
 - Furnace air conditioning
 - Industrial environment conditioning
- Single or Multiple stage layouts
- Access Panels for easy filter replacement

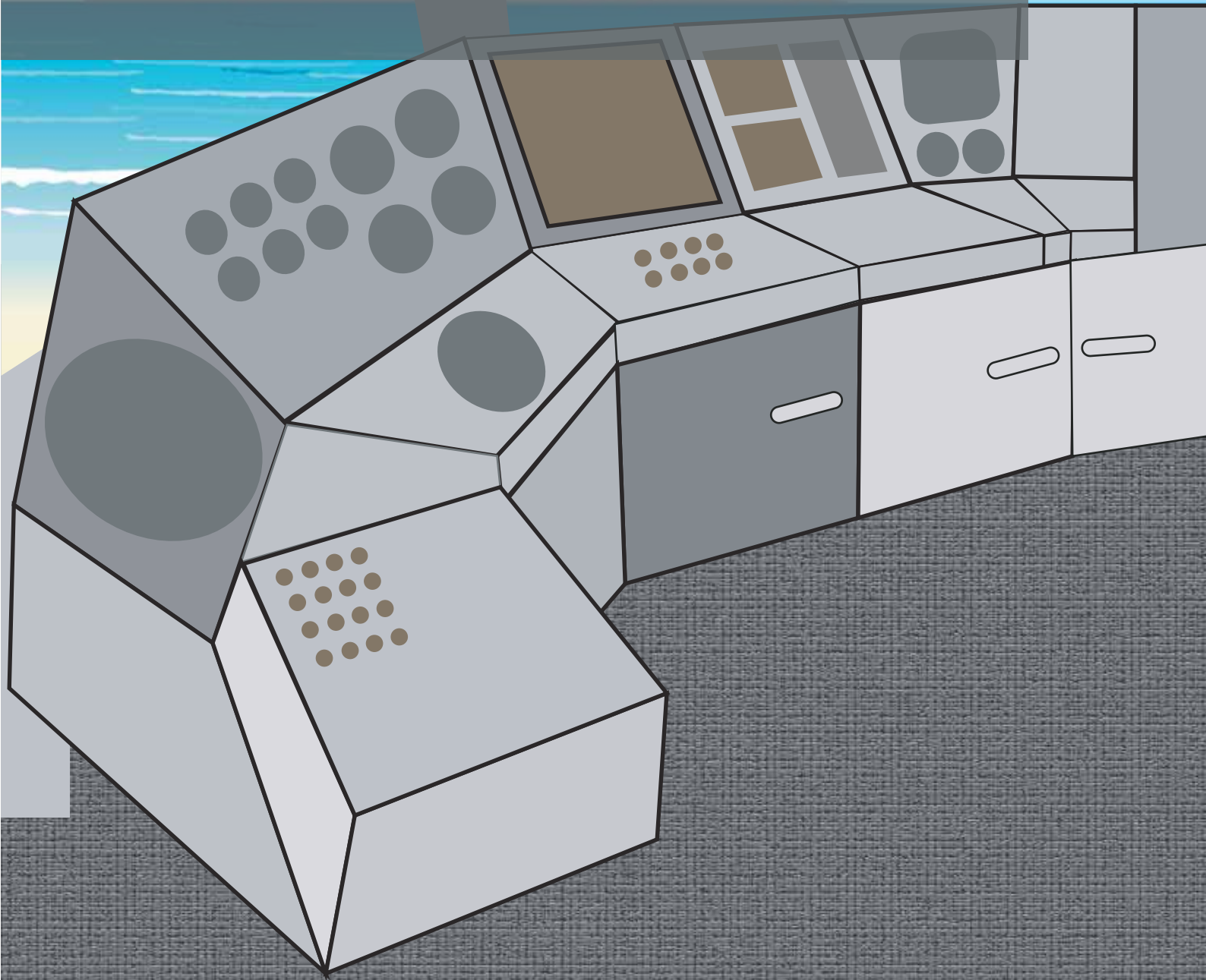
Industries

- HVAC
- Pharmaceuticals
- Plastic
- Recycling
- Food Processing
- Metal Working
- Blasting
- Chemical

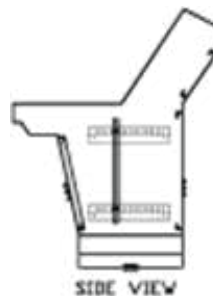
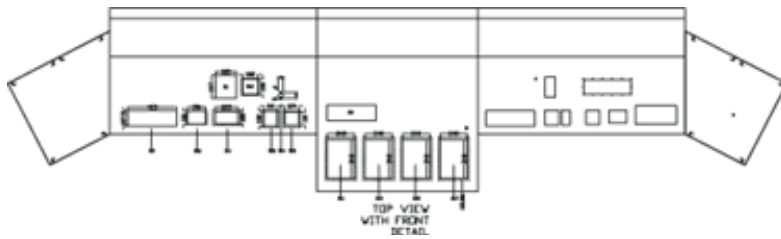


Marine Control Desks

Manufactured keeping the highest level of protection from one of the harshest working conditions. Marine electrical and automation panels as well as completely customized control desks.



- Highly customized designs and specifications
- Ergonomic design
- Custom top cutouts for instrumentation
- Adjustable mountings
- Additional protection against harsh marine conditions
- Multiple modules integration



IT Control Stations

Free Standing Cabinet are produced with emphasis on aesthetic design, flexibility, sturdy construction and protection for networking and various structured cabling components. Free standing cabinet has versatile racking system, modern looks and economical design that have set a new standard for enclosures, racks.



IT Control Stations

These enclosures are designed for high density servers and networking applications in IT environments. These provide Flexible and reconfigurable rackmount solution. The Vented removable side panels provide and excellent all around access.

- Versatile enclosure for computer based control system
- Suitable for Servers and Control Units
- Adjustable tray heights
- Easily movable
- Optional glass doors
- Optional cutouts as per requirements



Neatly store and secure equipment
Ensure easy access and monitoring
Manage cooling and airflow issues
Manage cable issues to reduce clutter

Material and Color Specifications

Part Name	Color	Material
Door	RAL 7032 Texture	GI
Mounting Plate	RAL 2000 Smooth	GI
Body	RAL 7032 Texture	GI
Gasket	BLACK	PU



Polyurethane Gasket

Foam-in-place is a one piece gasket which provides adequate protection against dust and moisture. It has much better life span than other sealants.



Removable Hinges

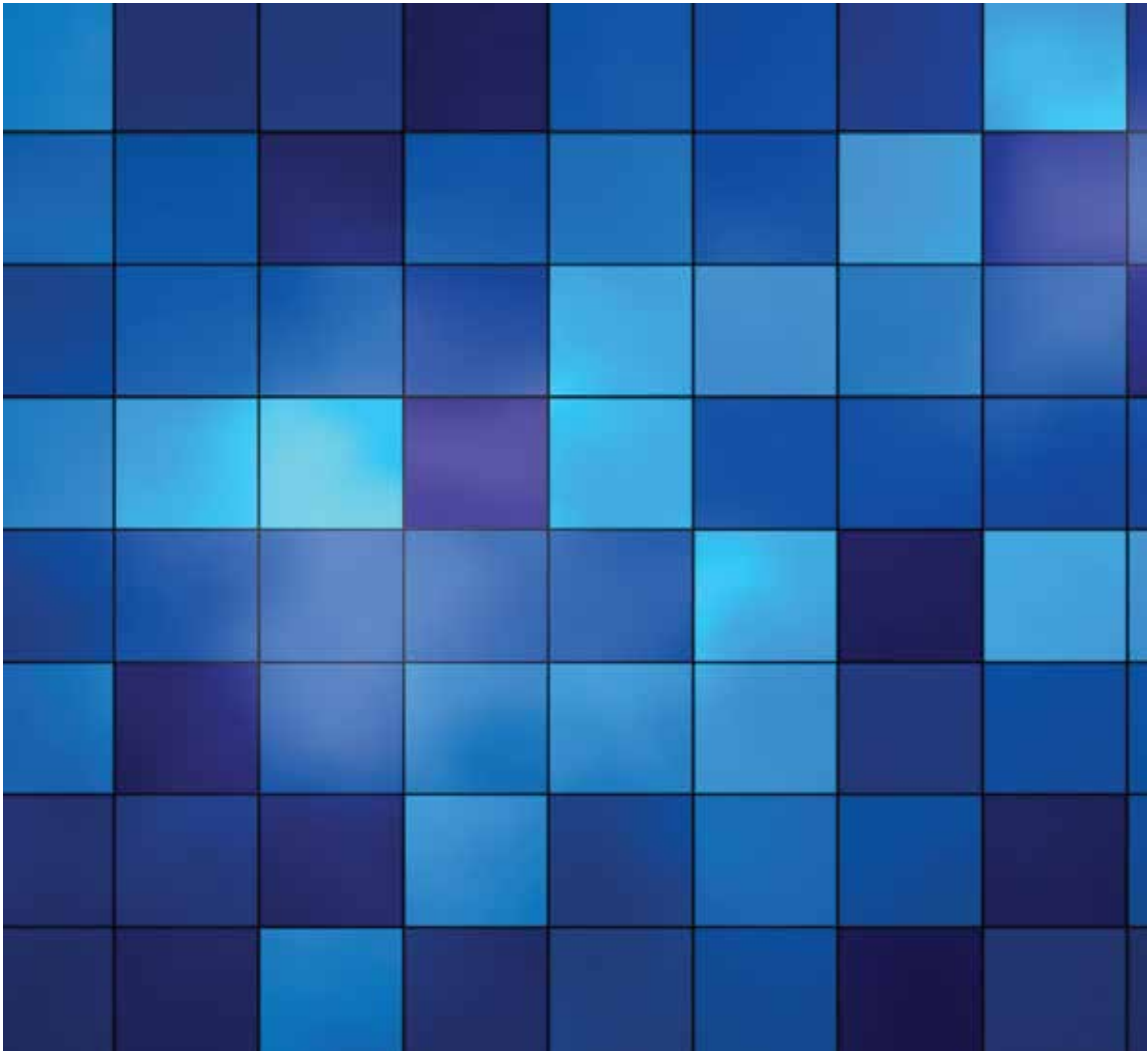
The hinges are designed for maximum opening angle, durability and serve a long operational life without loosening.



Stainless Steel Locks

Specially designed locks provide 3-position locking, with robust internal fail-safe mechanism.





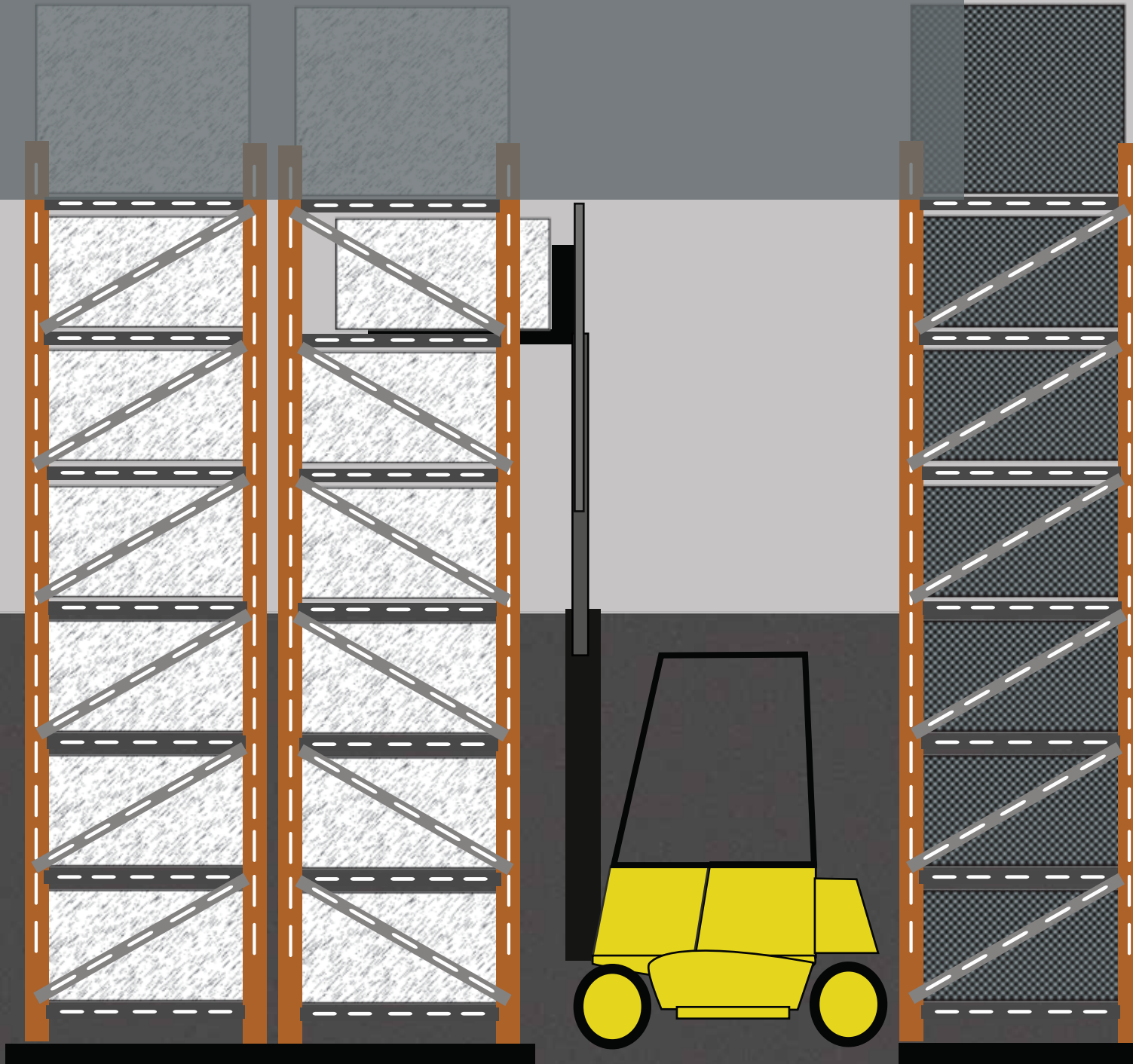
NESCO

Excellence in Manufacturing

The enclosures can be customized by a number of accessories, which are available separately. Additionally all related spares are kept in ample quantities to save any down time.

Spares & Accessories

قطع غيار واكسسوارات



Spares & Accessories



Lock Type-1



Lock Type-2



Lock Type-3



Lock Type-4



Lock Type-5



Hinges Type-1

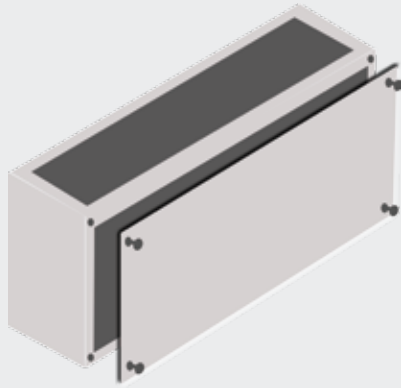


Hinges Type-2



Lifting Hook
Eye Bolt

Spares & Accessories



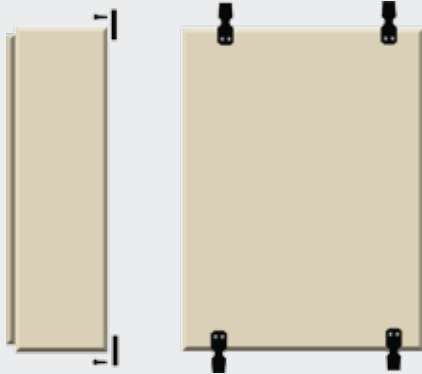
Gland Box

Gland Box is used to contain and protect electrical cable glands. It provides a safe and well-organized method of joining and terminating cables.



Canopy

Canopy is designed for external enclosures. These are part of main body, and provide additional protection in areas with heavy rains.



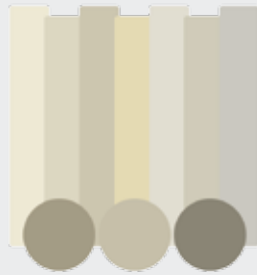
Wall Mount Brackets

Designed according to requirements for wall mounted enclosures. They are of multiple types based on project specifications.



Plinth

Required for floor mounted enclosures. They can be color coded according to requirements.



Standard & Customized Colors

We have a comprehensive range of color options to suit individual project requirements.



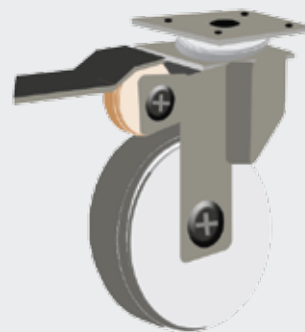
See Through Window

Windows can be incorporated in enclosures. It can either be Glass, Polycarbonate or Perspex as specified.



Ventilation

Ventilation cutouts can be made as per design specifications.



Wheels

Customized wheels can be provided on request. These are mainly required for IT rack mount enclosures.



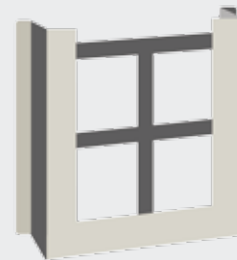
Level Screws



Side Rails & Channels



Lifting Hooks



Document Pocket

Our Quality
is
Our Aspiration



National Electrical System Industries FZE

Hamriyah Free Zone

Sharjah United Arab Emirates

Tel: +971 6 5260052 Fax: +971 6 5260053

www.nescouae.com

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المنطقة الحرة بالحميرة

الشارقة الامارات العربية المتحدة

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