

JUNCTION BOX CATALOG

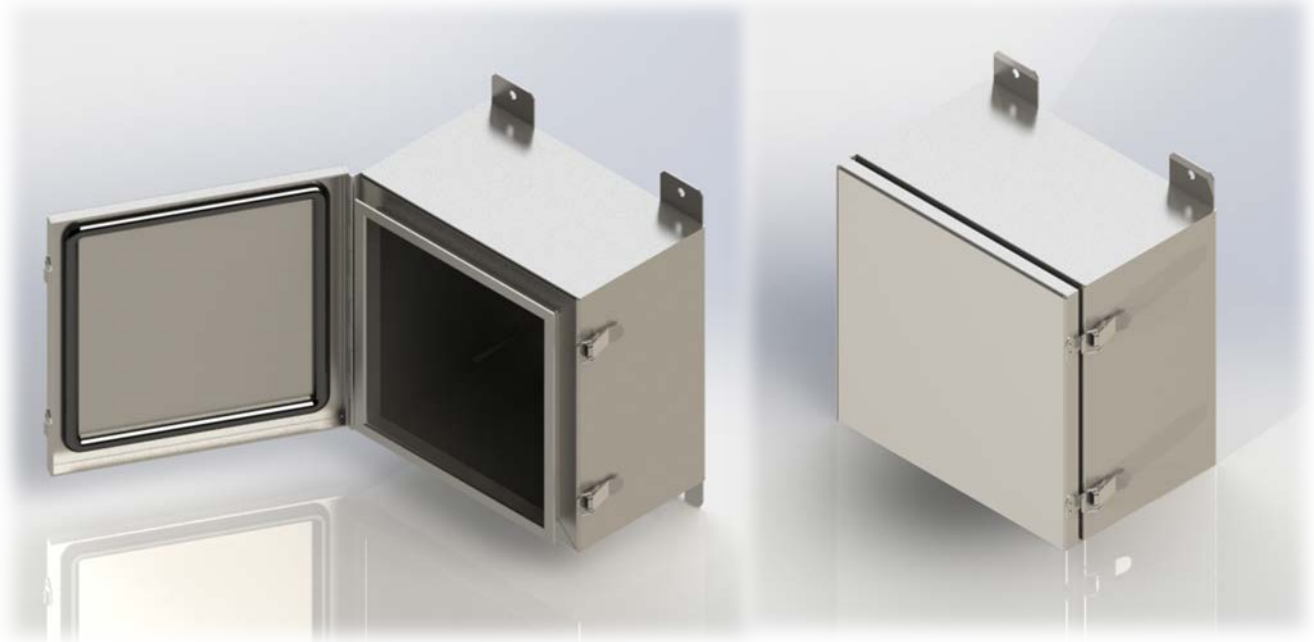
APPROVED EGY-TEC. CO.



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Approved Egyptian Technology Company



Stainless Steel Junction Box with full continuous SS hinge



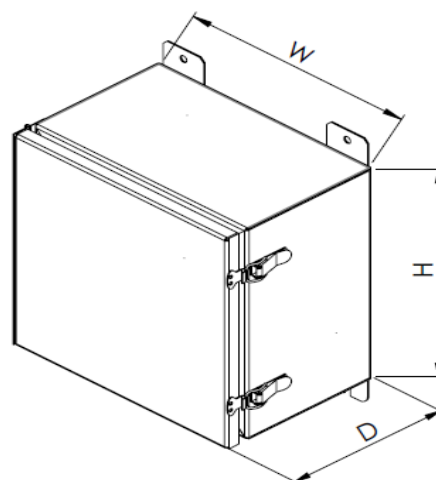
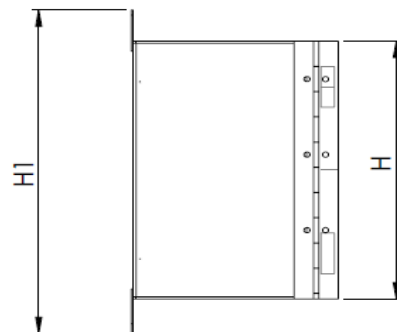
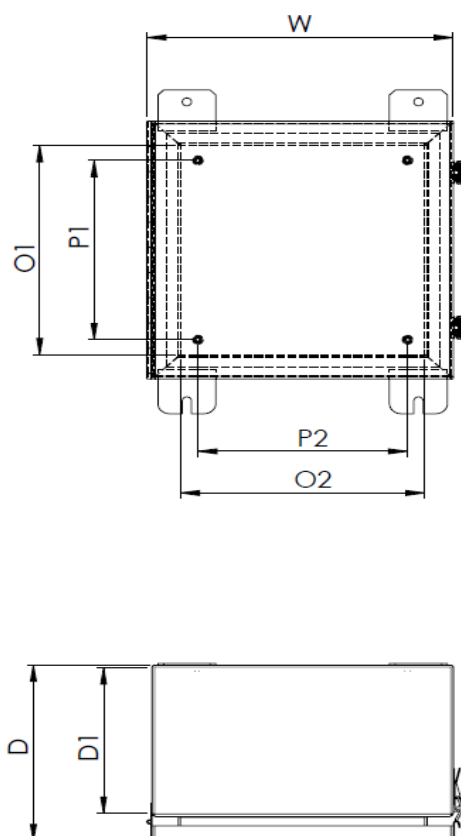
Stainless steel AISI 316L is suitable for outdoor use (the use of a rain shelter is recommended) since it has excellent corrosion resistance and resistance to UV radiation. This material is suitable for demanding industrial environments - for example, in the food industry and Oil & Gas industry. Additionally, stainless steel is very practical as it needs scarcely any maintenance. Customizing is, however, more difficult than with painted steel.

Applications:

- Designed for use in areas where flammable gases or vapors are present either continuously or intermittently.
- Ideal for use in wet or corrosive atmospheres such as:
 - Petroleum
 - Chemical
 - Refineries
 - Other commercial facilities
- Designed for use in areas where flammable dusts are present either continuously or intermittently such as:
 - Food processing
 - Dairy
 - Brewing
 - Pharmaceutical industry

FINISH:

Cover and sides of body have smooth #4 brushed finish.



BOX SIZE	STAINLESS STEEL TYPE	NO. OF LOCKS	THICK-NESS	All Dimensions in mm								
				W	H	H1	D	D1	O1	O2	P1	P2
JB 200X200X150	SS316L	2	2	200	200	266	175	150	151	151	121	121
JB 260X260X150	SS316L	2	2	260	260	326	175	150	211	211	181	181
JB 400X500X150	SS316L	3	2	500	400	466	175	150	351	451	321	321
JB 480X550X200	SS316L	3	2	550	480	546	225	200	431	501	401	401
JB 600X680X230	SS316L	3	2	680	600	666	255	230	551	631	521	521

All Junction Boxes Are from Stainless-Steel 316L With Full Continuous Stainless-Steel Hinge and Sufficient Number of Toggle Latches.

All Junction Boxes Are Certified with Environmental IP 56 Test.

Degrees of protection provided by enclosures:

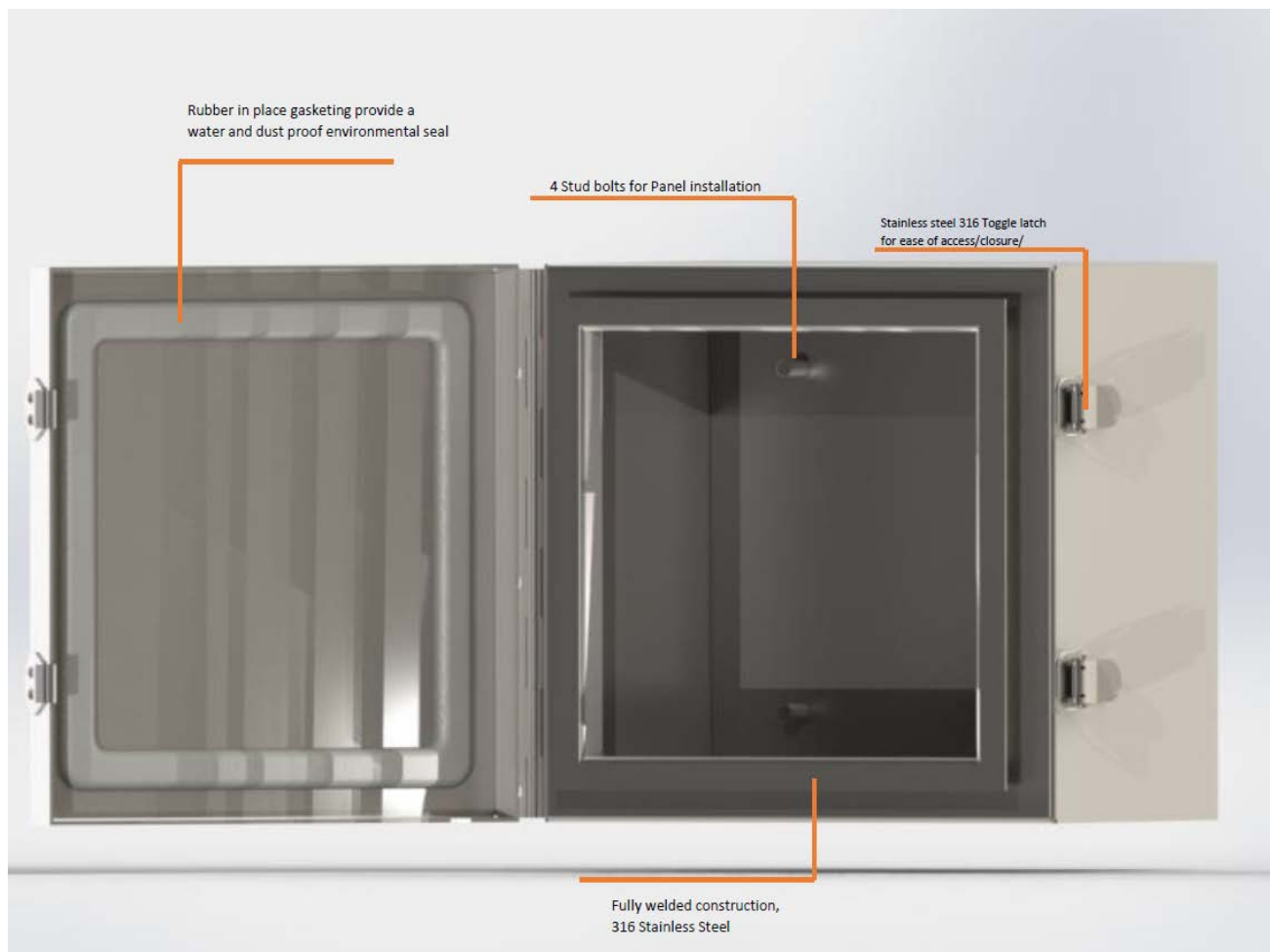
IP code (European standard EN 60529) The IP code consists of the letters IP followed by two digits and an optional letter.

The first digit of the code classifies the degrees of protection provided against the intrusion of solid objects and dust. In turn, the second digit, stands for protection against liquids.

The optional letter can be appended to classify only the level of protection against access to hazardous parts by people.

All enclosures are designed for use in demanding environments.

Their IP code ranges between IP 55 and IP 66/67. We have also made customer-specific solutions with an IP 69K rating that covers high-pressure, high-temperature wash-down applications. These applications are dust tight and able to withstand high-pressure and steam cleaning.



Features:

- Smooth, continuously welded seams.
- Available in a wide range of sizes.
- Continuous full length SS316L hinges.
- Reversible door, opens 210 degrees.
- Poured-in-place polyurethane door gasket



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TEST REPORT

تقرير اختبار

Report No: 315/41/2019

- NIS Lab : Textile Metrology Lab (TML)
اسم المعمل
- Issued For : Approved Egypton Technology
صدر الى
- Sample Specification : Stainless Steel Box (Environmental IP 56 test).
وصف العينة تحت الاختبار
Dimensions (260x260x150) mm.
- Manufacturer : -----
اسم الشركة المنتجة
- Model : ----- Code: 1234
نموذج كود
- Reference Number of Test : 2633/198/41/2019
رقم الاختبار المرجعي
- Date of Receipt : 21/7/2019
تاريخ الاستلام
- Date of Test : 28/7/2019
تاريخ الاختبار
- Issue Date : 30/7/2019
تاريخ الإصدار

Approved by

Head of Laboratory

Prof. Dr. Khaled Elnager

NIS President

Prof. Dr. Mohamed A. Nour

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Report No: 315/41/2019

Test Method: EN 60529 – IP 56 "Degrees of protection provided by enclosures".

Model :-----

Code: 1234

Dimension: (260x260x150) mm.

IP	First digit: Ingress of solid objects	Second digit: Ingress of liquids	Results*
6		Protected against splash water from any direction.	No water has been found inside the cabinet after splashing by water from all sides/ directions.
5	Limited protection against dust ingress. (no harmful deposit)		No harmful deposit inside the cabinet has been found inside the cabinet after exposing to fine dusts from all direction.

This report was issued only for Black Metal cabinet submitted by the customer. The cabinet was tested and has conformity to EN 60529-IP56.

This report was issued only for the tested sample and does not valid for any other samples of the production batch.

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Tested by
Heba Ameen
Dr. Heba Ameen



Technical Manager
Prof. Eng. M. Morsy
Prof. Eng. M. Morsy

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