

TABLE OF CONTENTS

EXM CONDITIONS OF SALE	3
EXM POINT OF INVENTORY	6
EXM SHIPPING SCHEDULES	7
EXM SHIPPING POLICY	8
PREPAID SHIPPING POLICY	9
CANADA CUSTOMERS	10
USA CUSTOMERS - FROM TEXAS	11
USA CUSTOMERS - FROM OHIO	12
EXM GUIDELINES TO RECEIVING SHIPMENTS	13
OVERAGE AND SHORTAGE PROCEDURES	15
DAMAGE PROCEDURE	16
QUALITY POLICY	17
ISO9001 CERTIFICATE	18
UNDERSTANDING EXM'S PRODUCT NUMBERING SYSTEM	19
NEMA RATINGS REFERENCE SHEET	20
YOUR CONTACTS AT EXM	22

EXM CONDITIONS OF SALE

ALL PURCHASE

ORDERS MUST

CLEARLY INDICATE

THE LATEST REVISION

DRAWING NUMBER.

BOXCAD orders

• **BOXCAD** drawings are considered approved when processed by the customer.

Orders for custom enclosures (without BOXCAD):

- Every order for custom enclosures requires an approval drawing. The approval drawing is to be designed by **EXM** for production, and is based on **EXM**'s interpretation and tolerance levels. This **EXM** drawing is to be verified and signed by the customer and the distributor for production purposes.
- Please note that all revisions require a new approval drawing. This new drawing must also be signed by the end-user and the revisions must be kept on file by the distributor.
- All production lead time are based on the estimated amount of time required to process the order, starting with the date when **EXM** receives the signed approval drawings. Should it be necessary to revise the specifications or conditions of sale for any reason outside of

the control of **EXM**, the customer will acknowledge that the production date will be extended.

- No manufacturing will begin unless the customer and distributor have signed all pages of the EXM drawings and stipulated the EXM drawing number(s) and latest revision.
- At no time shall the costumer hold **EXM** responsible for any delay or damages incurred due to acts of God, priorities or restrictions imposed by Government, delays in transport, delays from our suppliers or delays due to labor and all other delays beyond the control of **EXM**.
- · We cannot accept RMA's or returns due to misinterpretations between the customer drawing and the **EXM** approval drawing. Our approval drawing is what our production team uses and **EXM** is not responsible for anything missed on those approval drawings.

Transport policy

- Our products are always shipped **F.O.B.** from our dock, regardless of freight payment terms. F.O.B. (free on board) denotes that title to the shipment passes to the purchaser at the instant that the carrier signs the bill of lading, thus confirming that the products are packaged properly. At this stage, it is the customer's responsibility to ensure that the shipment is received in good state, and to file a "Damaged in Transport Claim" if applicable. **EXM** is not responsible for any liability arising and cannot be involved in any recovery process.
- **EXM** will not accept any return shipment due to Transport damages.
 - Should repair or replacement of goods be necessary due to transport damages, a new Purchase Order must be issued to EXM. EXM will authorize a return to their plant, with transport cost at the customer's expense. The customer is responsible for payment of both purchase orders.
 - **EXM** offers prepaid shipments to major urban centers only. For shipments beyond urban centers, charges will apply via a carrier of choice by **EXM**. Prepaid orders

must be shipped to the distributor's address; shipping to third party addresses is subject approval by **EXM**. **EXM** reserves the right to produce one shipment per prepaid purchase order, regardless of product origin or purchase order amount (See page 8 for prepaid shipment details). Additional charges may be incurred by the customer when special equipment is requested, i.e.: flat beds, open sides, lift gates.

- Custom items cannot be combined with standard items to determine freight allowances.
- Stipulated weights in our catalogue or price list are estimates only, are not guaranteed and are subject to change.

inspection

EXM shall obtain and maintain adequate insurance coverage with limits sufficient to cover the liabilities outlined in the terms of sale. EXM

will also provide a basic certificate of insurance showing coverage at request of the Customer; under no circumstances, however, will the Customer be added as an additional insured on **EXM**'s policies.

Warranty

- **EXM** warrants to the Customer, for a period of one year after the date of shipment from **EXM**'s plant, that all goods sold to the Customer under these terms shall meet their applicable specifications as may be set forth in **EXM**'s product literature and/ or packaging and labeling materials published as of the date of shipment of the goods.
- With the exception of **EXM**'s warranty of title to the goods, EXM expressly disclaims and excludes any and all other express and implied warranties, including but not limited to implied warranties of merchantability and fitness for a particular purpose or the non-infringement of third-party intellectual property or otherwise and any warranties concerning the dealing or the performance, custom or usage of trade.
- **EXM**'s obligations do not under any circumstances cover defects or losses caused by normal wear and tear or deterioration, defects in or damage to any goods resulting from inadequate installation, accident or any utilization, maintenance, repair or modification of the goods that is not coherent with **EXM**'s instructions or the designed capabilities of the goods or that, in its sole judgment, the performance or reliability thereof is adversely affected thereby, or which is subjected to abuse, mishandling, misuse or neglect or any damage caused by connections, interfacing or use in unforeseen or unintended environments.
- **EXM** does not warrant that the operation of the goods will be uninterrupted or error-free, that the functions of the goods will meet the Customer's or its buyer's requirements or that the goods will operate in combination with other products selected by the Customer's buyer for its use.
- **EXM** assumes no liability whatsoever for equipment or services furnished by the Customer or its buyer nor does this warranty cover any copy of or update to any user manual for the goods.
- **EXM** will under no circumstances be responsible for any liability resulting from the actions of a third-party.
- If, after **EXM** receives written notice, within the period for the foregoing warranty, alleging any goods that do not meet EXM's applicable

- specifications, and **EXM**, in its sole discretion, determines that such allegation is valid, EXM's entire liability and sole obligation and the exclusive remedy for breach of the foregoing warranty, will be, within a reasonable time after **EXM**'s receipt of such notice, at **EXM**'s option, either repair or replacement of such goods, and EXM will be responsible for the cost of shipping the parts to repair or the unit to replace the defective goods.
- Refurbished goods may be used to repair or replace the goods and the warranty on such repaired or replaced goods shall be the balance of the warranty remaining on the goods which were repaired or replaced.
- The Customer waives any claim to any goods which were replaced or the components therein which were replaced.
- In no event will **EXM** be required to accept delivery of any allegedly defective goods returned to it without having authorized it previously, including the means, carrier and route of shipment for such
- Under no circumstances will credit be allowed for unauthorized rework on any materials.

Terms

 Net 30 days. Overdue accounts will be charged interest at the amount of 2%/month.

Minimum billing

- Minimum billing is \$250 CA/ \$250 US net of transport and taxes. If a purchase order under this amount must be placed, the customer must add a \$100 CA/ \$100 US processing fee on the purchase order as a separate
- Minimum order value for each **BOXCAD** item is \$850 CA / \$850 USD net before taxes

Quotation and pricing

 Goods will be billed at the price effective at the time of order. **EXM** reserves the right to cancel or adjust prices and delivery date; engineering charges will still be charged if applicable.

Order cancellation

- Orders for standard products may be cancelled only with **EXM**'s written approval.
- Orders for custom products are non-cancellable.

Consequential damages

EXM shall not be liable for any damages whatsoever. (see page 8 for more information)

Penalty clauses

 No penalty clauses of any type or in any specification will be accepted, unless approved in writing by an officer of EXM.

Errors, omissions and corrections

The **EXM** catalog, price list, website, flyers and any other printed or electronic literature are subject to errors and omissions. Data included in this material is subject to change without notice.

Returned goods

Only unused standard **EXM** products contained in their original cartons and no more than one year old will be considered for return. Products may be returned for exchange for other similar products of equal value or greater in the month of July only, and are subject to a maximum of 500.00\$ annually.

All returns are to be pre-paid, pre-authorized and assigned to an RMA (Return merchandise authorization) number issued by **EXM**. Products returned to **EXM** without an RMA number will be refused and returned to the customer at the customer's expense.

Returned goods standard enclosures

EXM require a written request for any product to be returned. Standard product in resalable condition will be assessed a 50 restocking charge. Return freight to be paid by purchaser. Upon receipt of product, EXM will inspect and determine salability. All cost to repair or make product salable will be deducted from the credit amount.

*No returns will be accepted of product that is requested to be returned after 6 months of its initial ship date.

The following series of products are

non returnable:

- 1150 series
- 1500 series
- 1412 series
- 1412 and 1412 X duct and wireway
- air conditioners, heaters, blowers, fans, filters, heat exchangers
- safety disconnect enclosures
- all stainless steel products
- all aluminum products
- 5412 and 5500 double door enclosures
- 6100 & 6500 modular enclosures
- 9412 and 9500 free standing cabinets
- 1100 BT, 1412 BT
- all buttable enclosures

- all ESQT style enclosures
- all EMC enclosures
- PC cabinets
- consoles
- all custom products and accessories

Inner panels shipped separately

 An extra charge will apply for inner panels shipped separately. Please contact EXM for more details.

CANADA

6 - EXM CONDITIONS OF SALE

EXM POINTS OF INVENTORY

Blainville, Québec

EXM Headquarters are located in Blainville, QC, a few minutes North of Montreal. **EXM**'s engineering, research & development, accounting and marketing departments are located here.

Headquarters coordinates:

870 boul. Michèle-Bohec, Blainville, Québec, J7C 5E2

Mirabel, Quebec

18 005 rue Lapointe, Suite 100 Mirabel, Québec, J7J 0G2

Mississauga, Ontario

EXM has a manufacturing facility in Mississauga, ON, near Toronto. A wide variety of industrial, metric and commercial inventory is stocked here.

Plant coordinates:

2450 Meadowpine Blvd., Mississauga, Ontario, L5N 7X5

Warehouse coordinates:

6010 Edwards Blvd., Mississauga, Ontario, L5T 2W3

Calgary, Alberta

18 Highland Park Way Northeast, Airdrie, Alberta, T4A 2L5

Miamisburg, Ohio

EXM has a distribution center that serves the midwest and eastern USA states. A wide variety of industrial and commercial inventory is stocked here.

Distribution and Service center coordinates:

2555 Benner Road, Miamisburg, OH 45342

Fort Worth, Texas

EXM has a distribution center that serves the western USA states. A wide variety of industrial and commercial inventory is stocked here.

Plant & warehouse coordinates:

5650 Stratum Drive, Fort Worth, Texas, 76137



EXM SHIPPING SCHEDULES

Important: The production time stated by customer service or indicated on quotations always exclude the transport/transit time. All products are shipped F.O.B. our dock and we do not guarantee transit times, as they are subject to delays which are out of our control.

Standard stock enclosures

Visit: boxnetexm.com to consult our inventory

EXM stocks a wide variety of standard products. Products cannot be verbally "reserved" for a customer. Products will be allocated to a customer upon processing their P.O. Please note that a P.O. will not be processed (and thus the stock will not be allocated) if it includes pricing discrepancies, erroneous or pending shipping information or if credit issues exist with the customer. Standard stock products are usually shipped within 48 hours.

If the order is pre-paid and has custom enclosures, it will not be shipped until all of the products on the order are ready to ship (the order will be held for back orders). Stock items on pre-paid orders can be shipped in advance, at the customer's expense, on his collect transport account. If the order is pre-paid and charge, the order will be shipped as per the customer's instructions. However, the order will not be processed until the shipping charges are approved in writing.

EXM serves customers across North America. Therefore, in particular situations, inventory may be sold to a different customer in the lapse of time between the customer's inventory verification and the processing of his P.O. **EXM** strives to ensure the accuracy of its inventory, but occasional problems may arise, in which cases the issues will be resolved, case by case.

Standard back ordered enclosures

Many **EXM** products are produced 'JIT' (Just In Time). The production time is variable, and depends on the product type, manufacturing capacity and several other factors.

Custom enclosures (without **BOXCAD**)

EXM specializes in the production of custom enclosures. Efficient procedures have been established to facilitate the custom order entry process.

Ideally, standard and custom products should not be ordered on the same purchase order. It typically takes more time to produce custom products than standards. Therefore, because there is only one expedition per pre-paid order, the delivery of standard items may be unnecessarily delayed.

The production time for a particular custom product, is mentionned on the quote. The production time is variable, and depends on the product type, manufacturing capacity and several other factors.

Important: All shipping dates for custom orders are effective after the approval of the technical drawings. The drawings are considered 'approved' when they are signed by the customer, without any modifications and received by **EXM** by fax or e-mail. The production times stated by customer service or indicated on quotations always exclude the transport/transit time. All products are shipped F.O.B. our dock and we do not guarantee transit times as they are subject to delays which are out of our control.

Custom **BOXCAD** enclosures

EXM developed an online configurator that allows it's user to customize enclosures to their specifications. **EXM** will manufacture **BOXCAD** enclosures in 4-6 business days after reception of a purchase order.

EXM SHIPPING POLICY

There are two ways to ship orders: pre-paid or collect. When an order exceeds the minimum pre-paid order amount, it is automatically considered pre-paid. For all other orders, the customer will be responsible for the shipping charges. He may choose to ship the order collect or third party collect. All Boxcad and Custom orders are collect shipment unless otherwise specidied.

Pre-paid orders

Pre-paid orders are shipped via a carrier of **EXM**'s choice, once all the items of an order are complete. Therefore, **EXM** assumes the transport fees for only one expedition per pre-paid order, whether or not some of the items on the purchase order were initially in stock and regardless of the products' origin.

If a customer places an order containing stock and nonstock items, and that he requires the stock items to be shipped immediately, the customer must assume the transport costs for one of the two expeditions.

Ideally, standard and custom products should not be ordered on the same purchase order.

It typically takes more time to produce custom products than standards. Therefore, because there is only one expedition per pre-paid order, the delivery of standard items may be unnecessarily delayed.

Pre-paid orders are shipped to major urban centers only and shipping to third party addresses is subject to approval by **EXM**.

Rush fees

To expedite your order for pick-up or shipping within less than 8 working hours from the reception of the said purchase order, please ensure to add a 250.00\$ extra fee for rush service.

The standard time to prepare the pick-up is a minimum of 8 working hours.

Pick-up hours at our locations:

MONDAY - FRIDAY

- 08H00 12H00
- 13H00 17H00

Collect orders

When orders are placed under the minimum pre-paid amount, it is strongly recommended to place the order collect. The customer must clearly specify the courier or transport company of his choice on his purchase order, as well as the appropriate account number. Collect orders can be shipped directly to the customer or to a third party address.

When such an order is received, our order entry staff will calculate the shipping charges and return this amount to the customer for approval, by fax. The order will not be processed until the customer approves the charges in writing. To avoid this time-consuming back-and-forth, please encourage your customers to place collect orders.

Pre-paid and charge orders can be shipped directly to the customer or to a third party address. The customer can request multiple expeditions for his pre-paid and charge order, but must assume the transport fees for each expedition.

When orders are placed under the minimum pre-paid amount, it is strongly recommended to place the orders collect. However, it is possible to place pre-paid and charge orders. In this case, the customer must clearly state "Pre-paid and charge shipping" on his purchase order.

All shipments for NON-STOCKING DISTRIBUTORS regardless of value will be shipped collect.

PREPAID SHIPPING POLICY

Our products are always shipped F.O.B. our dock, regardless of freight payment terms.

Minimum billing:

CAN **\$250** NET minimum order in Canada

USD **\$250** NET minimum order in United States

Processing fee:

Customer must add a \$100 processing fee, if the order is below \$250 before tax.

CANADA

Canadian provinces:

CAN \$2,000 NET required for prepaid shipment. (Prepaid shipment to major urban centers only).

USA

United States:

USD \$1,800 NET required for prepaid shipment. (Prepaid shipment to major urban centers only).

United States:

USD \$2,200 NET required for prepaid shipment. (Prepaid shipment to major urban centers only).

United States:

USD \$2,700 NET required for prepaid shipment. (Prepaid shipment to major urban centers only).

United States:

USD \$3,800 NET required for prepaid shipment. (Prepaid shipment to major urban centers only).

United States:

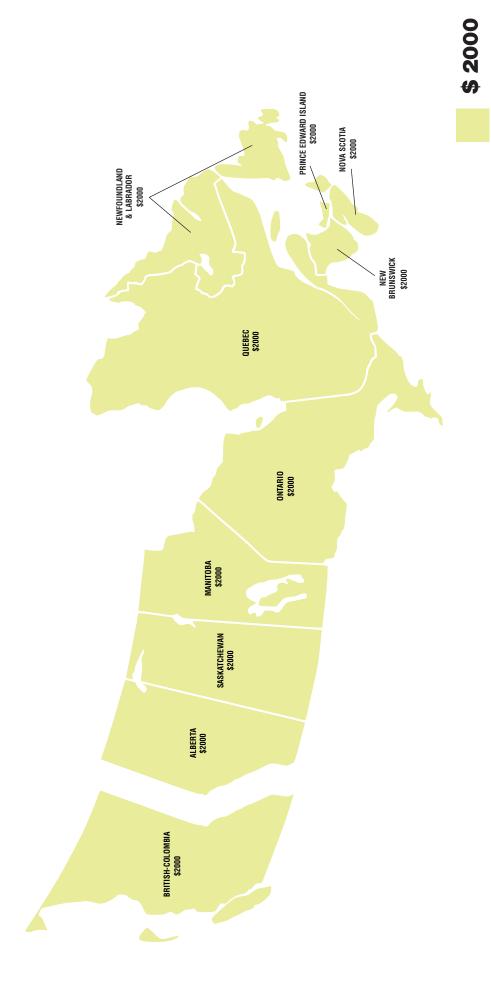
USD \$5,500 NET required for prepaid shipment. (Prepaid shipment to major urban centers only).

Note:

- 1. Only major city centers
- 2. Specials / Modifieds are not shipped prepaid
- 3. Only standard products apply to prepaid shipments

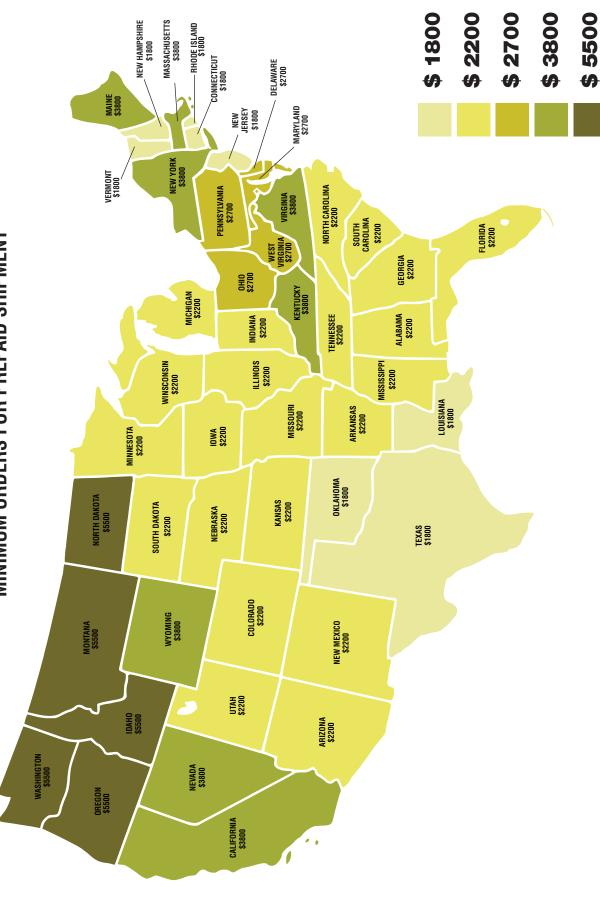
CANADA CUSTOMERS

MINIMUM ORDERS FOR PREPAID SHIPMENT



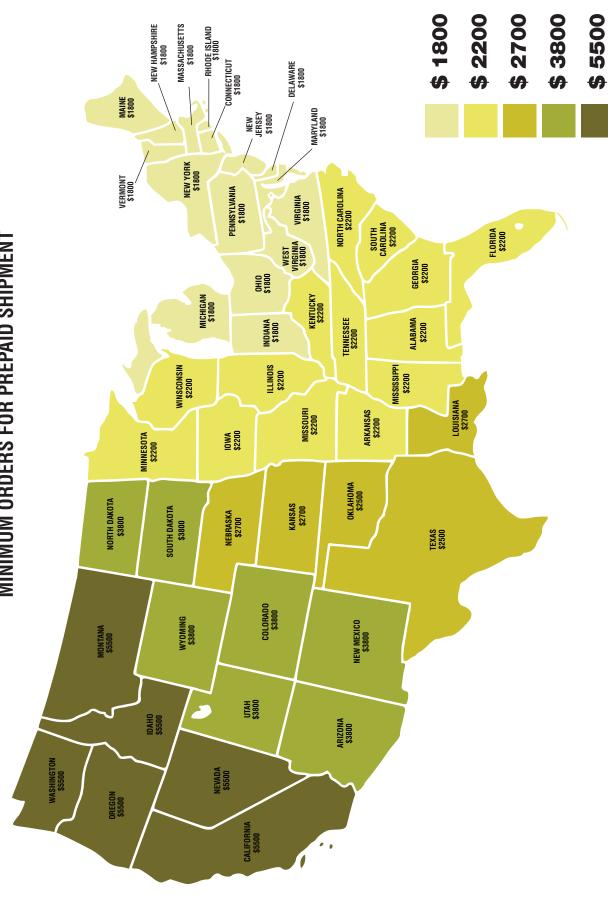
USA CUSTOMERS - FROM TEXAS

MINIMUM ORDERS FOR PREPAID SHIPMENT



USA CUSTOMERS - FROM OHIO

MINIMUM ORDERS FOR PREPAID SHIPMENT



EXM GUIDELINES TO RECEIVING SHIPMENTS

We value our customers and these guidelines are intended to help you understand your role in the receipt of a **EXM** shipment. Our standard terms of sale are F.O.B. our dock which means our customers own the freight when it leaves **EXM's** dock. This also means our customer is responsible for filling the claim with the carrier in the event any loss or damage occurs.

Please follow the following procedure(s):

1. PLEASE VERIFY THE SHIPPING ADDRESS ON THE SHIPMENT AND THE DOCUMENTS ARE THE SAME.

When the shipment arrives at your dock and is unloaded, whether is it a truck or parcel shipment look at all the address labels. Be certain all the freight is destined to your address. If there is anything not yours, those cartons and/or pallets should be refused.

Properly annotate on the waybill the number of pieces refused and reference the correct consignee name. If the partial refusal now creates a shortage for your shipment, be sure to clearly note that discrepancy as well.

2. PLEASE VERIFY THE SHIPMENT FOR ANY AND ALL DAMAGES INCLUDING TORN CARDBOARD ETC AND IF ANY TAKE A PICTURE.

Inspect the shipment carefully. Look for signs of damage...torn cartons, bent or scratched product, anything that looks damaged. Note it on the waybill that the driver gives you to sign. Be very specific.

Write the catalog number of the item on the waybill. For example, "1 x 5412 ES242012 dented" Please understand that generic descriptions such as "damaged", "shrink wrap torn", or "subject to inspection" aren't sufficient for the claim process. If your shipment arrives and has fallen over or shifted in the trailer, take a photo before it's unloaded. This will be evidence that the damage occurred while in the carrier's possession.

Be sure to add your name and the date on the waybill. Please be specific to any type of discrepancy or damage.

3. PLEASE ENSURE THE QUANTITIES WAYBILL MATCHES THE QUANTITY OF PIECES DELIVERED.

Count the number of pieces delivered and compare it to the number of pieces on the waybill. If they don't match, sign the waybill as being "short" or "over" and include the number of pieces. If you know by description which handling unit is short, note that information on the waybill. This can potentially help the carrier locate it when they begin their search.

4. PLEASE ENSURE THE DRIVER KNOWS AND SIGNS FOR THE DISCREPANCIES:

Be certain that the delivering driver knows that there is a problem, or "exception", with this shipment. Ask the driver to contact the OS&D¹ administrator at their local terminal and obtain an OS&D reference number for this discrepancy or exception. This number should be noted on the waybill before the driver leaves your location.

5. PLEASE UNDERSTAND THE GOODS BELONG TO THE CUSTOMER with "F.O.B. OUR DOCK".

Do not refuse damaged freight. Per our standard terms of sale (F.O.B. our dock), our customers take title to the goods when it leaves our dock so it's in everyone's best interest to accept the shipment at its original destination.

Refusals also create more opportunities for damage which can really complicate the claims process as it relates to having good evidence of where the damage occurred. It's best to quarantine the freight and all the original packaging on your dock and do not attempt to rework it.

Call the carrier and request that they inspect this freight before it is returned. The carrier has five business days to complete this inspection. If they waive the inspection, document that by keeping a copy of their waiver to inspect.

Take photos of all damage to include with your claim against the carrier. If the carrier does not inspect the damaged freight, the customer needs to document their own inspection and send it along with the claim to the carrier.

6.AFTERTHE CARRIER HAS DONETHE INSPECTION CALL US:

Following the inspection, **contact us at 1-800-363-2423 ask to speak with the customer care for return or repair requests.** Explain the problem and request a return authorization to return the damaged product to one of our manufacturing centers.

To file a claim, fill out the claim form provided by the carrier. Complete all the questions, attach all required documentation and photos, then return it to the carrier.

Be sure to respond timely to any follow up questions or requests from the carrier.

OVERAGE AND SHORTAGE PROCEDURES

FREIGHT OVERAGES



In the event of an overage, you must notify EXM below within 20 days of receipt. Failure to do so will result in denied claim submission to EXM.

- support@exmweb.com
- supportusa@exmweb.com

Process Requirements:

- 1. Overage goods must be checked against the Bill of Lading (BOL) or delivery receipt
- 2. Check label on all cartons for consignee address
- 3. If consignee address is different, accept the freight and notify support to obtain reship instructions
- 4. Accept unlabeled items and items labeled for you but not on the packing list, then notify EXM Support and provide the following information:
- Purchase Order number
- Sales Order number
- 5. Item and Units
- 6. Obtain Return Goods Authorization (RGA) letter/material disposition

FREIGHT SHORTAGES



In the event a shorage has occured, the freight must be noted on the carrier delivery receipt. Notify EXM below within 20 days of receipt. Failure to do so will result in denied claim submission to EXM.

- support@exmweb.com
- supportusa@exmweb.com

Process Requirements:

- 1. You must make note of the shortage on the carrier delivery receipt at time of delivery, before signing for it
- 2. Retain a copy of the signed delivery receipt indicating the shortage; this will be required for claim submission
- 3. Before submitting claims to EXM, determine which unit or items are missing
- 4. The following is required when calling or emailing support@exmweb.com
- Purchase Order number
- Sales Order number
- Item and units missing
- Copy of delivery receipt with carrier PRO#
- 5. Obtain Return Goods Authorization (RGA) letter/ material disposition

DAMAGE PROCEDURE



Note:

Applies only to orders shipped and paid for by EXM preferred carrier. Claims not paid on customer routed shipments.

If product is moved from original consignee's location, EXM cannot file claim for any loss or damage.

VISIBLE DAMAGE

In the event of visible damage at time of delivery, you must accept the freight from the carrier; do not refuse damaged material. You must notify EXM below within 20 days of receipt. Failure to do so will result in denied claim submission to EXM.

support@exmweb.com

Process Requirements:

- 1. Visible damage examples: torn, dented or open carton, dented enclosure, paint scuffs or scrapes
- 2. You must note the damage on the carrier delivery receipt, at time of delivery and before signing for it, as, "BOX CRUSHED POSSIBLE DAMAGE"
- 3. DO NOT refuse shipment
- 4. Retain a copy of the signed delivery receipt indicating the damage; this will be required for claim submission
- 5. The following is required when calling or emailing EXM:
- Purchase Order number
- Sales Order number
- Item and units missing
- Copy of signed delivery receipt
- · Pictures of damaged freight

6. Obtain Return Goods Authorization (RGA) letter/ material disposition

CONCEALED DAMAGE

In the event concealed damage is found after the initial receipt, you must notify EXM below within 20 days of receipt. Failure to do so will result in denied claim submission to EXM.

support@exmweb.com

Process Requirements:

- 1. Concealed damage examples: carton or stretch film intact; no sign of damage, but product inside is damaged
- 2. Upon receipt always make visual inspection of units/ boxes, looking for any type of damage (e.g. crushed, torn, holes, bends, scratches, etc.). Mark any visible damage on delivery receipt and follow visible damage process requirements
- 3. Before submitting claims to EXM, determine which unit or items have concealed damage
- 4. The following is required when calling or emailing EXM:
- Purchase Order number
- Sales Order number
- Item and units damaged
- Picture of container and item
- 5. Obtain Return Goods Authorization (RGA) letter/ material disposition

QUALITY POLICY

At **EXM**, our goal is to reach worldwide standards of quality in the field of electrical and electronic enclosures.

Our product is compared with some of the best in the world, and exceeds the market needs.

To achieve these objectives, **EXM's** management has established a quality control department to ensure that we meet our quality commitments to our customers, our suppliers and our personnel. This department is also mandated to identify and communicate any means by which our quality management system can be improved.

EXM relies on its biggest asset, its personnel. A dynamic, competent and team oriented personnel, which has only one common goal:

CUSTOMER SATISFACTION

Our customers are our priority, and everything possible is done for their satisfaction, from the first contact until delivery. Our priorities consist of continuously exceeding our objectives and consistently improving.

Our personnel prove that we form an honest and hardworking company. Our integrity is never in doubt, in any field of application. **EXM** is formally committed to providing its customers with a product that answers all norms and codes, as well as all contractual requirements.

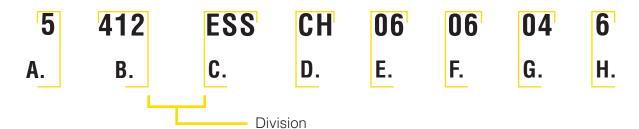
Our approach is compatible with the requirements of the standard of quality ISO 9001:2015.

In order to ensure this policy is understood and applied by all the operating levels of our firm, it is permanently displayed in our work place and is accessible to our customers on our website.

ISO9001 CERTIFICATE



UNDERSTANDING **EXM**'S PRODUCT NUMBERING SYSTEM



A. The first number indicates the product's category

- 1: small (usually commercial) enclosure
- 2: PC cabinet or console
- 5: larger industrial enclosure
- 6: metric European styling enclosure or modular cabinet
- 8: an accessory

B. The next three numbers indicate the product's NEMA rating

- 100: NEMA 1 (for use indoors)
- 300: NEMA 3/3R (for use outdoors, weatherproof)
- 500: NEMA 12/13 (for use indoors, oil and dust tight)
- 412: NEMA 4 or 4X (for use outdoors, water, oil and dust tight)

C. The first letters indicate the series type and material

- ES: powder coated steel enclosure
- ESS: brushed stainless steel enclosure
- ESSP: powder coated stainless steel enclosure
- EAL: powder coated aluminum enclosure
- Other codes: identify other series types

D. The next letters indicate the model type

- CH: JIC type enclosure
- SC: screw cover enclosure
- DD: double door enclosure
- LC: lift-off cover enclosure
- W: windowed enclosure
- FM: flush mount enclosure
- TB: metric terminal box

E. Indicates the height of enclosures (Indicates width for metric enclosures)

F. Indicates the width of enclosures (Indicates height for metric enclosures)

G. Indicates the depth of the enclosure

H. Some model numbers have a suffix to indicate a particular characteristic

- 6: stainless steel Type 316 enclosure (standard is type 304)
- B: type '2B' finish for stainless steel enclosures
- N: enclosure without knockouts

NEMA RATINGS REFERENCE SHEET

The **EXM** Catalog incorporates technical information intended to help the end-user make an informed decision.



EEMAC/NEMA Type 1

Type 1 enclosures are intended for use indoors, primarily to prevent accidental contact with the enclosed equipment, in areas where unusual service conditions do not exist.

CSA Type 1

Protects against accidental contact with live parts.

UL 50 / UL 508 Type 1

Indoor use primarily to provide a degree of protection against contact with the enclosed equipment and against a limited amount of falling dirt.

IP20

(approx. equivalent) Protection against solid objects up to 12mm.

sleet resistant -

EEMAC/NEMA Type 3

Type 3 enclosures are intended for use outdoors, to protect the enclosed equipment against windblown dust and water. They are not sleet (ice) proof.

CSA Type 3

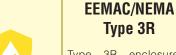
An enclosure for either indoor or outdoor use, constructed so as to provide a degree of protection against rain, snow and wind blown dust; undamaged by the external formation of ice on the enclosure.

UL 50 / UL 508 Type 3

Outdoor use to provide a degree of protection against wind blown dust, rain and sleet; undamaged by the formation of ice on the enclosure.

IP64

(approx. equivalent) Total protection against dust and protection against spray or water from every direction.



Type 3R enclosures are intended for use outdoors, to protect againstrain, and meet the requirements of UL 508 "Rainproof enclosures". They are not dust, snow nor sleet proof.

CSA Type 3R

An enclosure for either indoor or outdoor use. constructed so as to provide a degree of protection against rain and snow; undamaged by the external formation of ice on the enclosure.

UL 50 / UL 508 Type 3R

Outdoor use to provide a degree of protection against falling rain and sleet; undamaged by the formation of ice on the enclosure.

IP22

(approx. equivalent) Protection against solid objects over 12mm and against direct spray up to 15° from vertical.

EEMAC/NEMA Type 6P

Enclosures are intended for use indoors or outdoors where occasional submersion is encountered; limited depth; undamaged by the formation of ice on the enclosure.

CSA Type 6P

Indoor or outdoor use; provides a degree of protection against the entry of water during temporary submersion at a limited depth. Undamaged by the external formation of ice on the enclosure: resists corrosion.

UL 50 / UL 508 Type 6P

Indoor or outdoor use to provide a degree of protection against entry of water during temporary submersion at a limited depth; undamaged by the external formation of ice on the enclosure.

IP68

(approx. equivalent) Protected against dust and protection against strong jets of water and the entry of water during submersion at a limited depth.



Rainproof and

sleet resistant -

Outdoor

Enclosures are intended for use indoors or outdoors

NEMA RATINGS REFERENCE SHEET

UL 50 / UL 508 EEMAC/NEMA CSA Type 4 IP66 Type 4 Type 4 An enclosure for either Type 4 enclosures are indoor or outdoor use. Indoor or outdoor use intended for use indoors constructed so as to to provide a degree or outdoors, to protect provide a degree of of protection against (approx. equivalent) the enclosed equipment protection against splashing water, Total protection against against splashing water, rain, snow, windblown windblown dust and dust and protection seepage of water, dust, splashing and rain, and hose directed against strong jets of and severe external Watertight hose directed water; water: undamaged by water. condensation. They are and dust tight undamaged by the the formation of ice on sleet resistant but not - Indoor and external formation of ice the enclosure. sleet (ice) proof. outdoor on the enclosure. **EEMAC/NEMA UL 50 / UL 508 CSA Type 4X IP66** Type 4X Type 4X Type 4X enclosures Type 4X enclosures Type 4X enclosures have (approx. equivalent) have the same have the same the same provisions Total protection against provisions as Type provisions as Type as Type 4 enclosures dust and protection 4 enclosures and, in 4 enclosures and, in Watertight and, in addition, are against strong jets of addition, are corrosionaddition, are corrosionand dust tight corrosionresistant. water. resistant. - Corrosion resistant - Indoor and outdoor EEMAC/NEMA **UL 50 / UL 508** CSA Type 12 **IP55 Type 12 Type 12** An enclosure for indoor use, constructed Type 12 enclosures are as so to provide a intended for use indoors, (approx. equivalent) degree of protection to protect the enclosed Indoor use to provide Protected against against circulating a degree of protection equipmentagainstfibres, dust and protection dust. lint fibres and flyings, lint, dust and against dust, falling

flyings; dripping and

non-corrosive liquids;

light splashing of

not provided with

knockouts.

dirt, and light splashing,

seepage, dripping and

external condensation of

non-corrosive liquids.

Industrial use.

dust tight and

drip tight -

Indoor

against low pressure

direction.

jets of water from every

dirt, and dripping non-

corrosive liquids.

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