



**THE DATASHEET OF
1590LBBK**





INDUSTRIAL & COMMERCIAL ENCLOSURES PRODUCT OVERVIEW



Mild Steel | Stainless Steel | Aluminum | Non-Metallic Enclosures
Disconnect Enclosures | Modular Freestanding Enclosures
Operator Interface Enclosures | Wireway & Trough
Commercial Enclosures | Climate Control | Accessories

SERVICE EXCELLENCE

Our difference is industry leading service you can trust.

We know there are many enclosure supplier alternatives, but it's our service that makes Hammond different.

We've committed our people and resources to ensuring you get exactly what you need, when you need it.



One of multiple Hammond Distribution Centers



What you can expect:

- 95% Fill Rate From Stock.
- 10-Day Back Order Recovery.
- Superior Delivery Service.
- Helpful and Knowledgeable Inside Sales Team.

What Service Excellence means for you:

In today's competitive business climate, the Hammond focus on service helps you where it counts most – on the bottom line.

- Superior fill rates means less inventory for you
- Quick, reliable delivery means fewer expedites and no costly project delays
- Efficient phone support means less time waiting, and more time doing what you do best



INDUSTRIAL ENCLOSURES

Our line of industrial enclosures covers a broad spectrum of design needs - clamped covers, ¼ turn latch covers, window doors, dual access, panel mounting, DIN rail mounting, 19" rack mounting, etc.



From small junction boxes to 4 door freestanding enclosures, we have your size. Most designs are also available in both indoor (NEMA 12) and outdoor (NEMA 4) versions.

PRODUCT HIGHLIGHTS

- NEMA 12 and NEMA 4 mild steel
- **Junction Boxes/JIC Enclosures** - over 30 sizes - traditional clamped covers, screw covers.
- **Wallmounts** - over 110 sizes - traditional clamped covers, modern ¼ turn doors, double doors, sloped top enclosures.
- **Floormount** - over 20 sizes - double doors with handles, double doors clamped.
- **Freestanding** - over 30 sizes - 1 to 4 door versions, single and dual access.



The Eclipse Junior Series features a crisp, modern design.

The EJ provides an efficient quarter turn latch system; an easy-ground, galvanized back panel and an FTC style lip, for superior protection against flowing liquids.

The EJ is conveniently offered with a combined Type 12 and 4 rating.



1414 NEMA 4 PH Series



ST Series - Wallmount Enclosure with Sloped Top



1422 Floormount Series



1418 Freestanding Series

CORROSION RESISTANT ENCLOSURES

When environments get harsh, enclosures must be even more durable. The Hammond line of NEMA 4X enclosures features numerous construction materials to suit varying corrosion resistance needs. Materials used include stainless steel, aluminum, polycarbonate and fiberglass reinforced polyester.

PRODUCT HIGHLIGHTS

- NEMA 4X
- **304 Stainless Steel** - over 300 SKU's - junction boxes, wallmounts, floormount & freestanding
- **316L Stainless Steel** - over 200 SKU's - junction boxes, wallmounts and freestanding
- **Non-metallic (Polycarbonate & FRP)** - over 550 SKU's - Junction Box/instrument cases, JIC boxes, wallmounts
- **Aluminum** - over 30 SKU's - junction boxes, wallmounts
- **Aluminum Die cast** - over 70 SKU's - Junction box/instrument cases
- **Hygienic** - over 30 SKU's - junction boxes, push button and wallmounts

Non-Metallic Enclosure Info



Aluminum Enclosure Info



Stainless Steel Enclosure Info



Hygienic Series
Type 4X, IP69K



PJ Raised Lid
Polyester Series



HN4SSHK Series

Waterfall Series



1414 NEMA 4X Stainless Steel Series

Why Hygienic Enclosures?



Hygienic Enclosure Info

High Pressure Washing demands look for IP69/IP69K protection. Water and aggressive cleaning agents need Type 4X stainless steel corrosion resistance.

Easy to Clean

No safe harbor for bacteria – easily accessible by washer. Sloped surfaces – drain away water. Extra smooth #4 Dairy Finish. Removable blue silicone gasket – clean or replace & easier to spot contaminants.

DISCONNECT ENCLOSURES

Disconnect enclosures feature cutouts for compatibility with flange mount disconnect switches and circuit breaker operators. Our units are compatible with ABB, Allen-Bradley, C-H Westinghouse, GE, ITE and Square D.



EN4DSC Single Door Disconnect Series



2UD Double Door Disconnect Series

PRODUCT HIGHLIGHTS

- NEMA 12, NEMA 4 and NEMA 4X
- **Wallmount** - Universal flange cutout compatible with most disconnect manufacturers
- **Floormount** - standard and center post cutout in multi vendor versions
- **Freestanding** - multi-door heavy duty and modular systems in multi vendor versions



UHD Heavy Duty Disconnect Series

COMMERCIAL ENCLOSURES

Where protection requirements are less severe, a commercial grade enclosure may be suitable. NEMA 1 are designed for indoor use and protect against incidental contact and a degree of falling dirt. Our full NEMA 3R line is ideal for many outdoor applications.



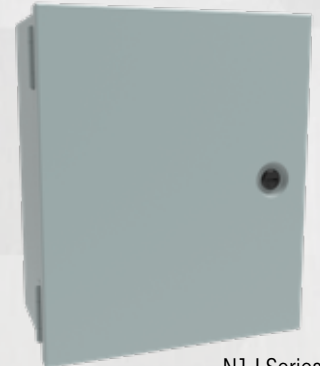
C3RSC Series

PRODUCT HIGHLIGHTS

- **NEMA 1 Contractor** - boxes (painted and galvanized), splitters, meter cabinets
- **NEMA 1 Panel Enclosures** - over 70 SKU's - wallmount and surface mount designs
- **NEMA 3R Junction Boxes** – over 50 SKU's
- **NEMA 3R Panel Enclosures** – over 40 SKU's



CSKO Series



N1J Series

OPERATOR INTERFACE ENCLOSURES

This product group includes numerous enclosures to house components specifically designed for operator interface. Flexible options permit the design of an ergonomic workstation.



PRODUCT HIGHLIGHTS

- **Consoles** - NEMA 12, 4 and 4X - sloped consoles, modular systems, data terminal stations
- **Suspension Systems** - enclosures, light to heavy duty swing arms
- **Pushbutton Enclosures** – mild steel, stainless steel, polycarbonate and fiberglass reinforced polyester for both standard and 22mm pushbuttons



The TaraPlus suspension system will accommodate enclosures and equipment up to 110 lbs. With numerous fixed, rotating and tilting system components, the ideal configuration can be created for your application.



Series 2000
Console Series



1437 Pushbutton
Series

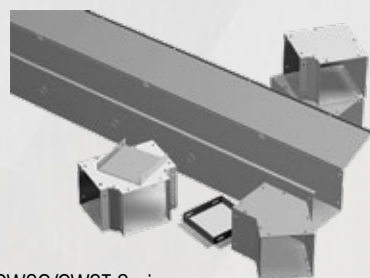
WIREWAY & TROUGH

To protect cabling projects like machine building and general plant wiring, Hammond offers a versatile system of sections, elbows, tee fittings and other components.



PRODUCT HIGHLIGHTS

- NEMA 1, 3R, 12 and 4X
- **Lay In Wireway** - NEMA 1 and NEMA 12 Hinged and Screw Cover
- **Pull Through Wireway** - Hinged Cover NEMA 12 and 4X
- **Wiring Trough** - NEMA 3R, 12, 4 and 4X



CWSC/CWST Series



1487 Stainless
Steel Series



C3RWT Series



1485 Lay-In Series

MODULAR FREESTANDING ENCLOSURES

The flexibility of our modular freestanding enclosure system permits stand-alone use or multiple applications to be combined into one continuously joined system. Hammond systems come preconfigured for easy ordering and without costly assembly.



PRODUCT HIGHLIGHTS

- NEMA 12
- **HME Series** - single door units with 3 heights, 4 widths and 4 depths
- **HMET Series** - double door unit
- **HFMD Series** - flange mount disconnect version
- **HDME Series** - ideal for harsh environments and features a sealed cabinet, providing outstanding protection against moisture, dust and air contaminants



HME Single Door Series

HME Means Value

The Hammond approach to modular freestanding enclosures is value. A fully assembled unit saves labor costs. We've also included value added features at no extra charge - locking handle, integral plinth, and base cover



HMET Double Door Series



HDME Series

For all Product drawings, and more in depth details:

Visit our Website

www.hammondmfg.com

hammondmfg.com

CLIMATE CONTROL

As a key enclosure accessory, Hammond offers an extensive climate control package. An enclosure often houses heat-generating equipment, when left alone, heat build up can negatively affect an electrical/electronic system's overall performance and perhaps cause failure. Also, some enclosures are exposed to extreme ambient temperatures, both cold and hot, which requires climate control.



PRODUCT HIGHLIGHTS

- **Cooling** - air conditioners (NEMA 12, 3R and 4X), heat exchangers, fans, blowers and filter grills
- **Heating** - convection and forced air heaters
- **Controls and Ventilation** – thermostats, humidistats, breather kits



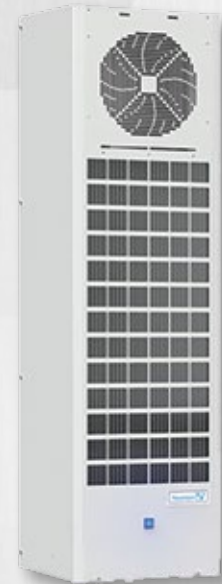
Thermostats



Fan Kits



Heaters



Air Conditioners

ENCLOSURE ACCESSORIES

To ensure a complete product solution, a number of accessory alternatives are offered.

PRODUCT HIGHLIGHTS

- **Hardware** - clamps, handles, latches and screws
- **Hole plugs** - mild steel, stainless steel and polycarbonate
- **Equipment Mounting** - inner panels, swing panels, swing frames, etc.
- **Outlet Strips** - heavy duty industrial grade, 19" rack mount, vertical strips
- **Other** - signal lights, cabinet lighting, window kits, casters, paint, etc.



Handles



Hole Plugs



Window Kits

MODIFICATION OPTIONS

*...When a standard enclosure isn't exactly what you need,
WE CAN HELP!*



Having enclosures modified by Hammond and delivered to your site, allows your component installation and wiring team to immediately get to work.

- No time wasted laying out each hole
- No risk of making a costly mistake
- Perfectly shaped cutouts every time
- and all at a price that might surprise you!

Here's a list of just some of the common modifications we can do for you:

- Special Paint Colors
- Silk Screening
- Non-Standard Sizes
- Alternate Material Construction
- Cutouts
- Punched Holes
- Louvers
- Tapped Holes
- Pre-Installed Accessories
- Alternate Handles
- Add, Move or Delete Studs
- Hinge Changes
- and more!...

Saves Time
No Costly Mistakes
Perfectly Shaped Cutouts & Holes
ALL FOR A PRICE THAT MIGHT SURPRISE YOU!





RACKS & CABINETS

Serving telecom/datacom and electronic applications, Hammond offers a wide variety of rack mount products and accessories built to EIA standards.



PRODUCT HIGHLIGHTS

- **Pre-configured cabinets** - networking, general purpose
- **Contempra Series cabinets** - commercial and Type 12 versions, over 40 sizes, welded frame, variety of door, top and side options, several stock colors
- **REFK Series racks** - economical knockdown unit, over 40 sizes, variety of door options, several stock colors
- **Relay racks** - aluminum and welded steel
- **Table top** - light and heavy duty cabinets, relay rack
- **Wallmount cabinets** - 3 piece swing out and open frame
- **Cable management** - horizontal and vertical
- **Cooling products** - fan tops, fan trays, blowers
- **Rack mount accessories** - blank and brushed panels, shelves, drawers, doors, handles, grounding and bonding, hardware, etc.

Extensive stock, and a rapid assembly, means you get your products fast.

ELECTRONIC PRODUCTS

Small Electronics Cases

- **Plastic** - general purpose, miniature, T cases, heavy duty, hand held, low profile, consoles, instrument cases, potting boxes
- **Die cast Aluminum** – general purpose, light duty watertight, heavy duty watertight, P.C. card guide
- **Metal** - rack mountable, instrument cases, utility, chassis, sloped console
- Excellent modification capabilities



Outlet Strips

- **Metal outlet strips** – Industrial grade, hospital grade, 15 or 20 Amp
- **Rack mount power panels** – front receptacles, rear receptacles
- **Vertical outlet strips** – multiple lengths, 15 or 20 amp
- **Surge suppressors** - 200-2000 Joules
- **Other** - international receptacles, plastic power bars, custom designs
- Custom designs



Electronic Transformers

- Power transformers
- Audio Transformers
- Line Transformers
- Chokes and Reactors
- Pulse Transformers
- Class 2 Energy Limiting Transformers



Visit: hammondmfg.com

...A library of enclosure specification tools available instantly.

Our comprehensive, user friendly website, details our extensive offering - providing an exceptional tool to gather product information. Our website is mobile friendly and kept up to date with our newest products, to ensure you have the most accurate information. Be sure to visit hammondmfg.com regularly as it's being continually enhanced to add more useful functionality, and always features our newest product releases.



Broad Product Selection

...Product solutions for virtually any application, at your fingertips

- Stock Industrial Type 12, 4, and 4X enclosures
- UL and CSA product approvals
- Various construction materials - painted mild steel, 304 stainless steel, 316 stainless steel, aluminum, galvanized steel, polycarbonate and fiberglass reinforced polyester
- Sizes ranging from the smallest junction box to the largest multi-door freestanding enclosure

Our Website Features Include:

- CAD drawings available in DXF/STEP/PDF Formats
- Accessories Links
- Similar product and materials suggestions
- Alternate material suggestions
- Product Bulletins
- Advance search for enclosures by size & type
- Multi-competitor cross reference
- Climate Control Sizing Software
- Complete listing of North American distributors
- Online literature downloads and request forms
- Current price lists in Excel format
- Real time in-stock availability and pricing through our Partner Portal (authorized distributors)
- Literature downloads



HAMMOND®

Thousands of enclosures to suit your needs



Quality Products

Service Excellence

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Looking for pricing, stock, or lifecycle information?

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