

Hammond Manufacturing 1472-36

Hammond Manufacturing 1472-36 N12 Console Cabinet User Manual

Model: 1472-36

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient installation, operation, and maintenance of the Hammond Manufacturing 1472-36 N12 Console Cabinet. Please read this manual thoroughly before proceeding with any installation or operation.

The Hammond 1472-36 is a robust NEMA Type 12 console cabinet designed for industrial applications, offering protection for sensitive electronic equipment in environments where dust, dirt, and light splashing liquids may be present. Its durable construction ensures long-term reliability.

2. SAFETY INFORMATION

Always observe local electrical codes and safety regulations. Ensure power is disconnected before performing any installation or maintenance. Only qualified personnel should perform electrical connections.

- Do not operate the cabinet if it is damaged.
- Ensure proper grounding.
- Avoid overloading the cabinet with excessive weight.
- Keep ventilation openings clear.

3. PRODUCT OVERVIEW



Figure 3.1: Front view of the Hammond 1472-36 N12 Console Cabinet. This image shows the grey industrial cabinet with a hinged front door and a sloped top surface, designed for housing control equipment.

The 1472-36 N12 Console Cabinet features a robust steel construction with a grey finish, designed to protect internal components from dust, dirt, and light splashing water. It includes a hinged door for easy access and a sloped top for ergonomic control panel mounting.

4. SETUP AND INSTALLATION

4.1 Unpacking

Carefully unpack the console cabinet. Inspect for any shipping damage. Report any damage to the carrier immediately. Retain all packaging materials until the unit is confirmed to be in working order.

4.2 Mounting

The cabinet is designed for floor mounting. Ensure the mounting surface is level and capable of supporting the cabinet's weight (approximately 190 lbs) plus the weight of any installed equipment. Use appropriate anchor bolts (not supplied) for secure installation.

1. Position the cabinet in the desired location.
2. Mark the drilling points for the mounting feet.
3. Drill holes and install appropriate anchors.
4. Secure the cabinet using bolts, ensuring it is level and stable.

4.3 Internal Component Installation

Install internal components such as control panels, electrical devices, and wiring according to their respective manufacturer's instructions. Ensure proper cable management and ventilation within the cabinet.

5. OPERATING INSTRUCTIONS

The Hammond 1472-36 is a passive enclosure. Its operation is dependent on the equipment installed within it. Ensure all internal equipment is properly connected and configured according to its own operational guidelines.

- Ensure the cabinet door is securely latched to maintain NEMA 12 protection.
- Regularly check for any obstructions to ventilation.
- Do not place heavy objects on the sloped top surface that could impede access or damage the cabinet.

6. MAINTENANCE

6.1 Cleaning

Clean the exterior of the cabinet with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish. For stubborn dirt, a mild detergent can be used.

6.2 Inspection

Periodically inspect the cabinet for signs of wear, corrosion, or damage. Check door hinges and latches for proper function. Ensure all mounting bolts remain tight.

6.3 Gasket Maintenance

The NEMA 12 rating relies on the integrity of the door gasket. Inspect the gasket for cracks, tears, or compression set. Replace if necessary to maintain environmental protection.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Door not closing securely	Misaligned hinges or latch; obstructed gasket	Adjust hinges/latch; clear any obstructions from gasket area.
Cabinet unstable after mounting	Uneven mounting surface; loose anchor bolts	Ensure surface is level; tighten all anchor bolts.
Internal equipment overheating	Poor ventilation; overloaded equipment	Ensure ventilation openings are clear; consider adding cooling solutions if necessary.

8. SPECIFICATIONS

Model: 1472-36

Type: N12 Console Cabinet

Material: Steel

Weight: Approximately 190 lbs (86.2 kg)

Environmental Rating: NEMA Type 12 (Dust, dirt, and light splashing liquids)

Manufacturer: Hammond Manufacturing

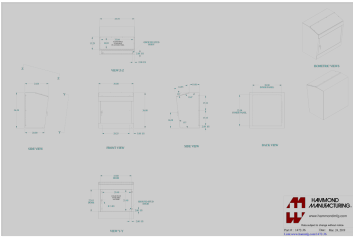
9. WARRANTY AND SUPPORT

For specific warranty information, please refer to the documentation provided by Hammond Manufacturing at the time of purchase or visit their official website. For technical support, please contact Hammond Manufacturing directly through their customer service channels.

Contact Information:

Website: www.hammfg.com

Customer Service: Refer to website for regional contact details.



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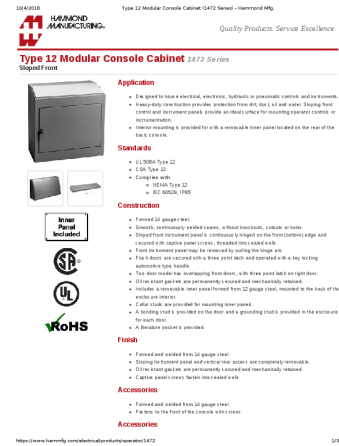
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Type 12 Modular Console Cabinet 1472 Series hammond data sheet files solutionsdirectonline Hammond

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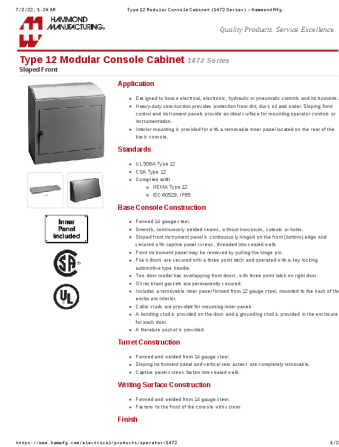
10/4/2018 Type 12 Modular Console Cabinet 1472 Series - Hammond Mfg. Quality

Products. Service Ex ... ular Console Cabinet 1472 Series - Hammond Mfg. Ground

Wire Kits Basic Console Part No. 1472-24 **1472-36** 1472-48, UL Listed 2 Door Version

A 40.00 36.00 36.00 Overall Dimensions B C D E 24...

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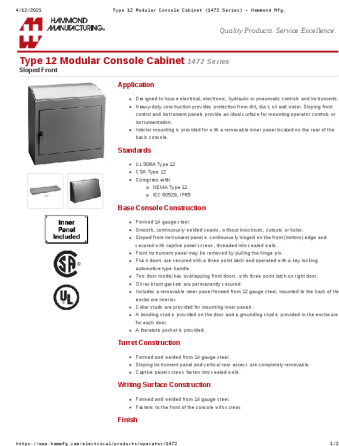
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Quality Products. Serv ... s Lighting Type 12 Handle Kits Climate Control General

Accessories Base Console Part No. 1472-24 **1472-36** 1472-48, UL Listed 2 Door

Version H1 36.00 32.00 32.00 H2 40.00 36.00 36.00 Enclosure ...

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Products. Service Ex ... s Lighting Type 12 Handle Kits Climate Control General

Accessories Base Console Part No. 1472-24 **1472-36** 1472-48, UL Listed 2 Door

Version H1 36.00 32.00 32.00 H2 40.00 36.00 36.00 Enclosure W...

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1472 Series Console Cabinet - NEMA 12
Sloped Front Modular Console Cabinet

Operator Interface Enclosure

Console Cabinets

283

www.hamfmg.com

Front View

Section X-X

Basic Console Dimensions

Model	Height	Width	Depth	Weight	Material	Finish	Notes
1472-24	24.00	48.00	36.00	17.00	Steel	Paint	Standard
1472-36	36.00	48.00	36.00	17.00	Steel	Paint	Standard
1472-48	48.00	48.00	36.00	17.00	Steel	Paint	Standard

Panel Dimensions

Model	Height	Width	Depth	Weight	Material	Finish	Notes
1472-24	24.00	48.00	36.00	17.00	Steel	Paint	Standard
1472-36	36.00	48.00	36.00	17.00	Steel	Paint	Standard
1472-48	48.00	48.00	36.00	17.00	Steel	Paint	Standard

Mounting Surface Dimensions

Model	Height	Width	Depth	Weight	Material	Finish	Notes
1472-24	24.00	48.00	36.00	17.00	Steel	Paint	Standard
1472-36	36.00	48.00	36.00	17.00	Steel	Paint	Standard
1472-48	48.00	48.00	36.00	17.00	Steel	Paint	Standard

Technical reference and EDP provided on the website www.hamfmg.com

Quality Assurance: 100% Inspection

Customer Service: 24/7 Support

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Operator Interface indd Datasheet 1 HAMMOND MFG HAMMNDE00286 283 282 images tradeservice
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1472 Series Console Cabinet - NEMA 12 Sloped Front Modular Console Cabinet
Operator Interface Enclosure Console Cabinets Basic Console Dimensions Part No.
1472-241 **1472-36** 1472-482 Overall Dimensions Clear Opening Door Opening Sub
Panel Ship A B C D E F I J K L M N Height Width W...

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Type 12 Modular Console Cabinet 1472 Series
Sloped Front

Application

- Designed for house electrical, electronic, hydraulic or pneumatic controls and instruments.
- Heavy-duty construction provides protection from dirt, dust, oil and water.
- Sloping front control and instrument panels provide an ideal surface for mounting operator controls or instrumentation.
- Interior mounting is provided for with a removable inner panel located on the rear of the basic console.

Standards

- UL 508 Type 12
- CSA Type 12
- Complies with
- NEMA Type 12
- IEC 60529, IP65

Construction

- Formed 14 gauge steel.
- Seams, continuously welded seams, without knockouts, cutouts or holes.
- Sloped front instrument panel is continuously hinged on the front (bottom) edge and secured with captive panel screws. Threaded into sealed wells.
- Front instrument panel may be removed by pulling the hinge pin.
- Flush doors are secured with a three point latch and operated with a key locking automotive type handle.
- Two door model for overlapping front doors, with three point latch on right door.
- Oil resistant gaskets are permanently secured and mechanically retained.
- Includes a removable inner panel formed from 12 gauge steel, mounted to the back of the enclosure interior.
- Callor stubs are provided for mounting inner panels.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure for each door.
- A bonding gasket is provided.

Finish

- Formed and welded from 14 gauge steel.
- Sloping instrument panel and vertical face access are completely removable.
- Oil resistant gaskets are permanently secured and mechanically retained.
- Captive panel screws fasten into sealed wells.

Accessories

Inner Panel Included

RoHS

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Type 12 Modular Console Cabinet 1472 Series Hammond Mfg 1 36T Manufacturing Stock available The
distributor Micro Semiconductor offer the best price with new original products 1e 24W micro
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Quality Products. Service Excellence. Type 12 Modular Console Cabinet 1472 Series
Sloped Front Appli ... ccessories Ground Wire Kits Basic Console Part No. Overall
Dimensions A B C D E F 1472-24 **1472-36** 1472-48, 40.00 36.00 36.00 24.00 36.00
48.00 20.00 24.00 24.00 36.00 32.00 32.00 17.00 ...

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8/28/24, 7:38 PM Type 12 Modular Console Cabinet (1472 Series) - Hammond Mfg.

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Type 12 Modular Console Cabinet 1472 Series
Sloped Front

Application

- Designed for house electrical, electronic, hydraulic or pneumatic controls and instruments.
- Heavy-duty construction provides protection from dirt, dust, oil and water.
- Sloping front control and instrument panels provide an ideal surface for mounting operator controls or instrumentation.
- Interior mounting is provided for with a removable inner panel located on the rear of the basic console.

Standards

- UL 508 Type 12
- CSA Type 12
- Complies with
- NEMA Type 12
- IEC 60529, IP65

Basic Console Construction

- Formed 14 gauge steel.
- Seams, continuously welded seams, without knockouts, cutouts or holes.
- Sloped front instrument panel is continuously hinged on the front (bottom) edge and secured with captive panel screws. Threaded into sealed wells.
- Front instrument panel may be removed by pulling the hinge pin.
- Flush doors are secured with a three point latch and operated with a key locking automotive type handle.
- Two door model for overlapping front doors, with three point latch on right door.
- Oil resistant gaskets are permanently secured and mechanically retained.
- Includes a removable inner panel formed from 12 gauge steel, mounted to the back of the enclosure interior.
- Callor stubs are provided for mounting inner panels.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure for each door.
- A bonding gasket is provided.

Mounting Surface Construction

- Formed and welded from 14 gauge steel.
- Sloping instrument panel and vertical face access are completely removable.
- Oil resistant gaskets are permanently secured and mechanically retained.
- Captive panel screws fasten into sealed wells.

Finish

- Formed and welded from 14 gauge steel.
- Sloping instrument panel and vertical face access are completely removable.
- Oil resistant gaskets are permanently secured and mechanically retained.
- Captive panel screws fasten into sealed wells.

Accessories

Inner Panel Included

RoHS

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Quality Products. Ser ... s Lighting Type 12 Handle Kits Climate Control General
Accessories Base Console Part No. 1472-24 **1472-36** 1472-48, UL Listed 2 Door
Version H1 36.00 32.00 32.00 H2 40.00 36.00 36.00 Enclosure W...
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Type 12 Modular Console Cabinet 1472 Series
Sloped Front

Application

- Designed for house electrical, electronic, hydraulic or pneumatic controls and instruments.
- Heavy-duty construction provides protection from dirt, dust, oil and water.
- Sloping front control and instrument panels provide an ideal surface for mounting operator controls or instrumentation.
- Interior mounting is provided for with a removable inner panel located on the rear of the basic console.

Standards

- UL 508 Type 12
- CSA Type 12
- Complies with
- NEMA Type 12
- IEC 60529, IP65

Construction

- Formed 14 gauge steel.
- Seams, continuously welded seams, without knockouts, cutouts or holes.
- Sloped front instrument panel is continuously hinged on the front (bottom) edge and secured with captive panel screws. Threaded into sealed wells.
- Front instrument panel may be removed by pulling the hinge pin.
- Flush doors are secured with a three point latch and operated with a key locking automotive type handle.
- Two door model for overlapping front doors, with three point latch on right door.
- Oil resistant gaskets are permanently secured and mechanically retained.
- Includes a removable inner panel formed from 12 gauge steel, mounted to the back of the enclosure interior.
- Callor stubs are provided for mounting inner panels.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure for each door.
- A bonding gasket is provided.

Finish

- Formed and welded from 14 gauge steel.
- Sloping instrument panel and vertical face access are completely removable.
- Oil resistant gaskets are permanently secured and mechanically retained.
- Captive panel screws fasten into sealed wells.

Accessories

Inner Panel Included

RoHS

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Sloped Front Appli ... of the console with screws Basic Console Part No. Overall
Dimensions A B C D E F 1472-24 **1472-36** 1472-48, 40.00 36.00 36.00 24.00 36.00
48.00 20.00 24.00 24.00 36.00 32.00 32.00 17.00 ...

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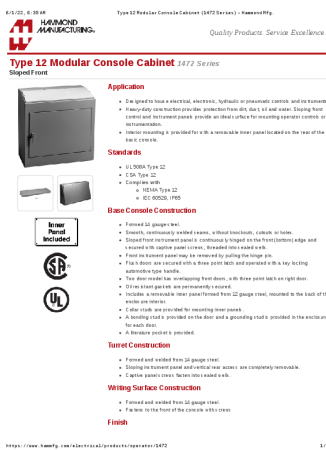
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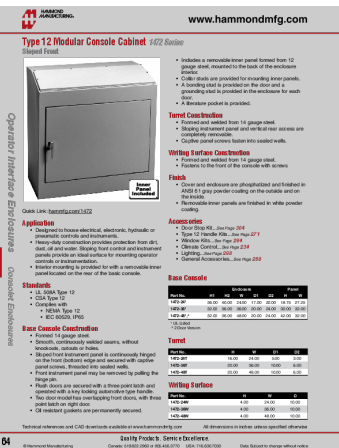


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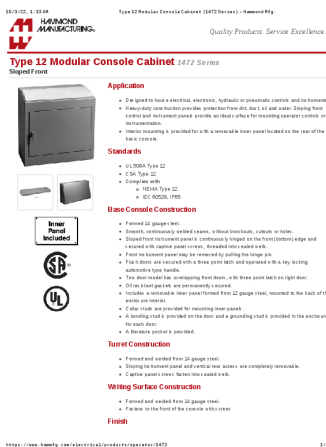
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www.hammondmfg.com 164 Operator Interface Enclosures Consolet Enclosures Type 12 Modular Console ... ge 234 Lighting...See Page 298 General Accessories...See Page 268 Base Console Part No. 1472-24 **1472-36** 1472-48, UL

Listed 2 Door Version H1 36.00 32.00 32.00 Enclosure H2 W D1 40.00 24.00 17....

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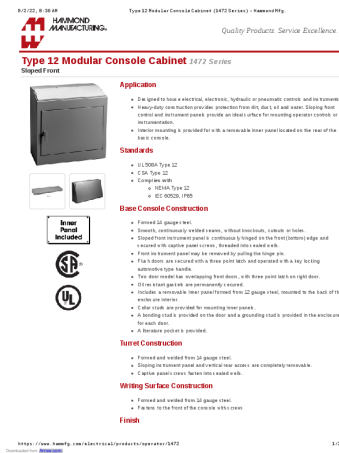
[pdf] Specifications Catalog

Specification Sheet N12 CONSOLE CBNT Crescent Electric Supply Company hmd 1472 36w specsheet

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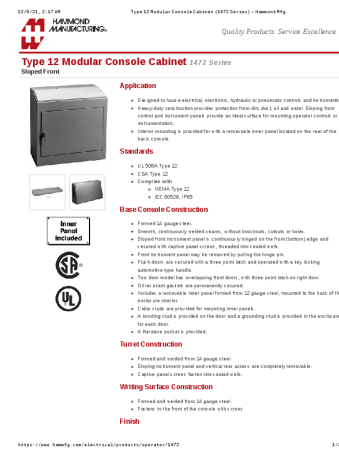
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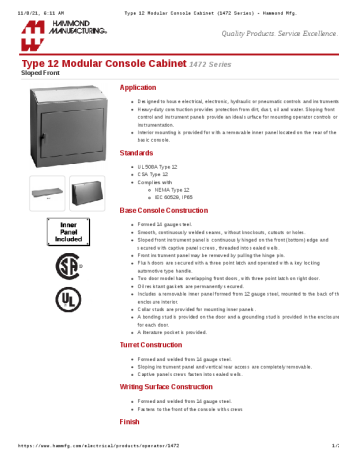
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Type 12 Modular Console Cabinet (1472 Series) - Hammond Mfg.



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Type 12 Modular Console Cabinet 1472 Series

Signed Front



inner panel included



Applications

- Designed to house electronic, electrical, hydraulic or pneumatic controls and instruments
- Heavy-duty construction provides protection from dirt, dust, oil and water
- Shocking front panel and instrument plates provide an ideal surface for mounting operator controls or instrumentation
- Mobile mounting is provided for with a removable base panel located on the rear of the base cabinet only.

Standards

- UL 508A Type 12
- UL 508 Type 12
- CSA 22.2 No. 14
- IEC 60300-11

Base Console Construction

- Formed 24 gauge steel.
- Control compartment enclosure open without tools, slides in fully.
- Shocking front instrument panel is continuously hinged on the front bottom edge and covered with rubber panel cover, allowing the cabinet only.
- Front instrument panel may be removed by pulling the latching pin.
- Two latching pins are provided on the front panel and are operated with a key for locking instrument type handle.
- Two doors make the swinging front door, with three point lock on right door.
- Control panel gas lines are permanently secured.
- Includes a removable rear panel formed from 22 gauge steel, mounted to the back of the enclosure interior.
- Cable tray is provided for mounting line packs.
- A bonding strap is provided on the door and a grounding strap is provided in the enclosure for each door.
- A feature panel is provided.

Turret Construction

- Formed and welded from 24 gauge steel.
- Shocking instrument panel and vertical rear access are completely removable.
- Cable tray is provided on the rear side panel only.

Welding Surface Construction

- Formed and welded from 24 gauge steel.
- The base is the base of the unit as well as the cover.

Finish

<https://www.hammond.com/resources/catalogs/type12/type12-specs-1472>

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4/4/25, 4:15 AM Type 12 Modular Console Cabinet 1472 Series - Hammond Mfg.

Quality Products. Serv ... s Lighting Type 12 Handle Kits Climate Control General

Accessories Base Console Part No. 1472-24 **1472-36** 1472-48, UL Listed 2 Door

Version H1 36.00 32.00 32.00 H2 40.00 36.00 36.00 Enclosure W...

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