

Print Pocket



A Pentair Company

Hoffman Enclosures Inc.

2100 Hoffman Way
Anoka, MN 55303-1745
(763) 422-2211 Tel
www.hoffmanonline.com

1. Verify you have all the parts needed to install the print pocket.
 - Print pocket (with tape adhered to back)
 - Tube of adhesive
2. Determine desired print pocket location, and examine the surface for contaminants such as dust or oil. Dust should be removed by wiping surface with water dampened rag. For oil or grease, the surface should be wiped using a rag dampened with mineral spirits or isopropyl alcohol. After removing contaminants, thoroughly dry the surface using a clean, dry rag to remove moisture or flashing solvents.

CAUTION

When using flammable solvent, care should be used in the proper disposal and handling of these materials.

3. Using the tube of adhesive sealant provided, apply sealant to the sides of the print pocket. Dispense a 3/16 inch diameter bead of adhesive from the upper to the lower corner along center of each side flange. Adhesive sealant bead should end before contacting double face adhesive tape along lower flange.
4. Remove protective backing from double faced tape along bottom of print pocket. Position the print pocket in the desired location, pressing the bottom edge firmly to assure good adhesion of double face adhesive to both substrates. With light pressure, slide finger along both side flanges to form a consistent film thickness of adhesive sealant along these flanges. Adhesive sealant will skin over in approximately fifteen minutes, with full cure occurring in twenty-four hours. Refrain from placing heavy objects or large quantities of documents in print pocket for at least twenty-four hours.

A17Y / A17W3

Fiberglass Wall-Mount Enclosure



BULLETIN A-17 INSTRUCTIONS

Hoffman cannot assure the safety or effectiveness of any alterations or additions not made by Hoffman Enclosure Inc. However, the following information may be helpful. These instructions do not eliminate the need to consult with equipment manufacturers and to observe all regulatory agency procedures and safe practices to assure the proper electrical and mechanical function of HOFFMAN products in each particular application.

1. PAINTING

The finish on the outside of this enclosure is a molded polyester surface. Should a color change be necessary, the enclosure may be painted with an appropriate lacquer or enamel. For maximum durability, exterior polyurethane is recommended. Very thorough sanding and priming is required for paints to properly adhere.

IMPORTANT: TO AVOID DISCOLORATION OR GASKET DAMAGE, DO NOT BAKE OVER 175° FOR MORE THAN TWO HOURS.

2. DOOR CLOSING ADJUSTMENTS

A. SINGLE DOOR (WALL MOUNTED)

Doors are factory fit to close and mate perfectly to the body. If the surface on which the enclosure is mounted is not flat, the enclosure will not be square and the door may not open and close properly. Also, if equipment is mounted on a door, the door may sag slightly. Should the top of the door appear to sag when closed, place shims behind the mounting foot which is located at the bottom of the enclosure and closest to the door hinge. Shims should be of a material suitable for the intended environment. Place the shims between the mounting foot and the wall or mounting surface. Be sure all mounting screws are tight. Should the top of the door appear to be higher than the body when closed, shim the upper mounting foot closest to the door hinge.

B. TWO DOOR (FLOOR MOUNTED)

The individual doors are factory-fitted to meet evenly at the top and bottom. If the floor under the enclosure is not level, the doors will not close evenly. In this case, place shims under the corners of the enclosure.

3. PANEL INSTALLATION

When installing the interior panel, it may be necessary to enlarge the panel hole(s) slightly to permit the panel to fit in place. Do not attempt to straighten studs.

4. REMOVING AND REINSTALLING DOOR

This is an easy operation requiring a 7/16" wrench. When reinstalling hinges to the body, use a high quality sealant in order to maintain NEMA 4 sealing. Torque fasteners to 35 inch/pounds.

5. WINDOWS

Hoffman standard window kit accessories can be installed in fiberglass wall-mount and free-standing enclosures. Stainless steel window kits will maintain NEMA 4X rating.

6. DRILLING OR PUNCHING HOLES

A standard sharp metal cutting drill bit or hole saw may be used to drill holes in Bulletin A17 enclosures. Greenlee punches may be used. For large quantities of close tolerance holes, machining the holes is recommended.

7. PRINT POCKET

The print pocket is supplied loose with the enclosure. It can be mounted at a customer determined location with the tape and adhesive provided.

8. LIFTING ENCLOSURES

To lift an enclosure which has eyebolts or mounting feet, be sure to use all of the eyebolts and top mounting feet provided. Arrange the chains or cables with spreader bars, so you are lifting straight up on the eyebolts or top mounting feet.

9. VENTILATION

Some ventilation options require cutouts in an enclosure and may derate the enclosure rating. Hoffman offers UL Type 3R fan shrouds that may be installed over some accessories to maintain a Type 3R rating.

10. TRANSPORTATION

Hoffman gasketed enclosures have exceptionally good seals. This quality can prove to be detrimental when a sealed enclosure is transported by air or over the mountains. Under certain conditions descent will create a vacuum inside the enclosure which can cause permanent damage to the enclosure. Always allow some type of venting in the enclosure when shipping. We recommend using the packaging spacers provided with the factory shipping carton.

11. INTENDED APPLICATION

Standard Hoffman enclosures are designed for static applications. Enclosures to be subjected to dynamic load from vibration, wind, shock, etc., will require additional evaluation which is the responsibility of the specifying engineer.

12. ENCLOSURE RATING

To maintain enclosure rating when introducing holes and/or cutouts in an enclosure, openings need to be filled with an appropriately rated device. To obtain a UL/CSA 3R rating, one or two 1/4 inch (6 mm) diameter hole(s) must be drilled in the bottom surface of the enclosure at the lowest point(s), typically in opposite corners (see ventilation).

SEE THE ACCESSORIES SECTION OF THE HOFFMAN CATALOG FOR ADDITIONAL ITEMS

1. INSTALLATION OF CONDUIT

Conduit holes can be cut in the ends and side walls of this enclosure when required. (See table below for the required hole size). Use a hole saw or Greenlee-type hole cutter to cut the required holes. Conduit connections must be properly aligned to the enclosure wall to prevent unnecessary stress on the enclosure walls.

CONDUIT CONNECTORS (HUBS) TO BE USED FOR INSTALLATION OF CONDUIT	
CONDUIT SIZE	TYPICAL HOLE SIZE
1/2"	7/8"
3/4"	1 1/8"
1"	1 3/8"
1 1/4"	1 3/4"
1 1/2"	2"
2"	2 1/2"
2 1/2"	3"
3"	3 5/8"



2. GROUNDING OF EQUIPMENT AND CONDUIT

Ground in accordance with the requirements of the National Electrical Code.

Conduit hubs for metallic conduit must have a grounding bushing attached to the hub on the inside of the enclosure. Grounding bushings have provisions for connection of a grounding wire.

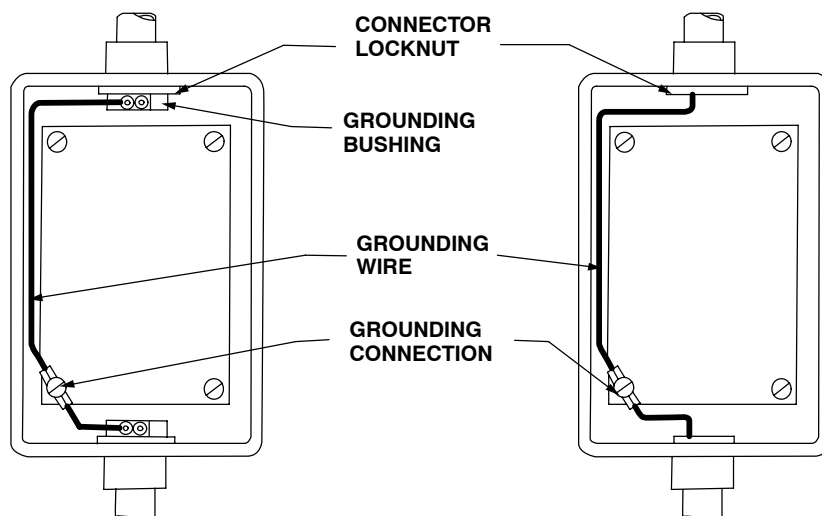
Non-metallic conduit and hubs require the use of a grounding wire in the conduit. Grounding bushings are not required.

System grounding is provided by connection wires from all conduit entries to the subpanel or to other suitable point which provides continuity. Any device having a metal portion or portions extending out of the enclosure must also be properly grounded.

TYPICAL GROUNDING ILLUSTRATIONS

METALLIC CONDUIT

NON-METALLIC CONDUIT



Hoffman Enclosures Inc.

2100 Hoffman Way
Anoka, MN 55303-1745
(763) 422-2211
www.hoffmanonline.com

Pentair Electronic Packaging

170 Commerce Drive
Warwick, RI 02886
(401) 732-3770
www.pentair-ep.com

Mexico

Pentair Enclosures, S. de R.L. de C.V.
Federico T. de la Chica No. 8 Piso 4 A
Circuito Comercial Plaza Satélite
Ciudad Satélite,
Naucalpan, México C.P. 53100
011-52-55-5393-8263

Canada

Hoffman-Schroff
111 Grangeway Avenue, Suite 504
Scarborough, Ontario M1H 3E9
(416) 289-2770
1-800-668-2500 (Canada only)

Germany

Schroff GmbH
Langenaber Str. 96-100
75334 Straubenhardt
49 (07082) 794-0 www.schroff.de

Great Britain

Schroff UK Ltd.
Maylands Avenue
Hemel Hempstead, Herts HP2 7DE
44 (01442) 240471 www.schroff.co.uk

Sweden

Schroff Scandinavia AB
Box 2003
12821 Skarpnäck
46 08683 61 00 www.schroff.se

France

Schroff Sas
Z.I., 4 rue du Marais
67660 Betschdorf
33 03 88 90 64 90 www.schroff.fr

Italy

Schroff srl
Viale Milano, 119
21013 Gallarate (Varese)
39 0331 79 40 03

Singapore

Hoffman-Schroff Pte. Ltd.
#01-68/71 German Centre
25 International Business Park
Singapore 609916
65 5 62-78 90

Japan

Schroff K.K.
Nisso No. 13 Bldg. 4F
2-5-1 Shinyokohama
Kohoku-Ku, Yokohama shi
Kanagawa 222-0033
81 (045) 476-02 81

Finland

Schroff Scandinavia AB
Peräsimentie 8
03100 Nummela
358 09 222 68 00

Norway

Schroff Scandinavia AB
Bjoernerudveien 24
1266 Oslo
47 022 76 33 60