



Allen-Bradley 1336 NEMA Type 4 Gasket

Cat. No. 1336-MOD-RCF

Installation Data

What This Option Provides

Bulletin 1336 drives can be mounted in a larger enclosure to permit the heatsink to extend outside the enclosure. With the heatsink extended into the ambient air, most of the heat loss will be dissipated into the ambient air instead of into the enclosure. The NEMA Type 4 Gasket Kit provides the necessary information to lay out the cutout area and drill the required mounting holes. The kit also includes the necessary materials to mount the drive and gasket the heat sink.

Where This Option is Used

B025-B030 and C025-C030 1336 Drives

What This Kit Contains

Each kit contains:

- (1) NEMA Type 4 Permanent Adhesive Backed Gasket, P/N 120936
- (16) 10-32 × 1/2 Inch Mounting Screws, P/N 109840
- (2) Fan Guards, P/N 140361

Each kit will meet NEMA Type 4 (IP-56) standards and permit the drive heat sink to extend outside the enclosure when properly installed. General installation requirements in the installation section of your Bulletin 1336 Hardware User Manual are for all Bulletin 1336 drive installations and must be observed.

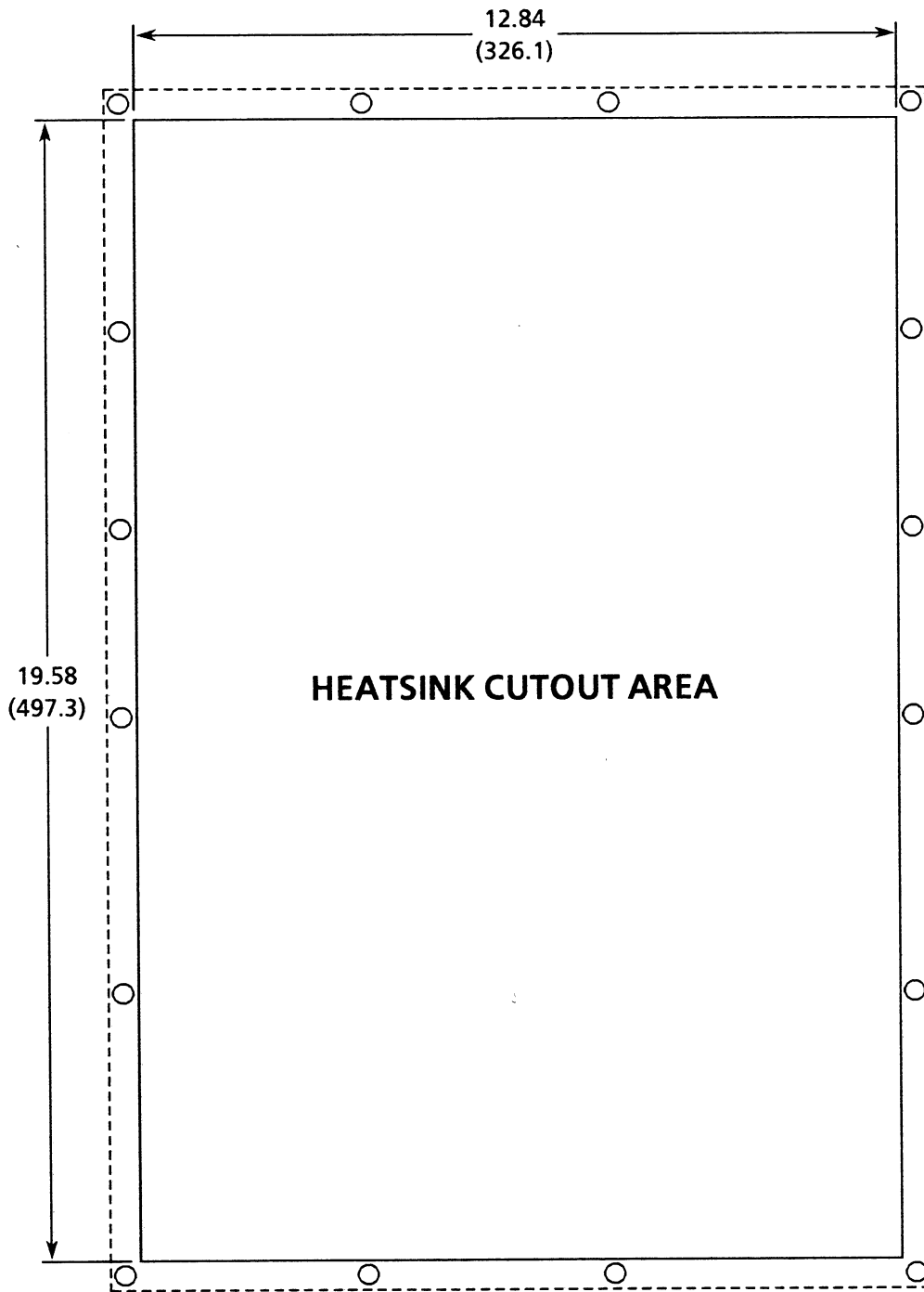


WARNING: Drive heatsink surface temperature may be at or near 100°C. Avoid contact with the drive heatsink.

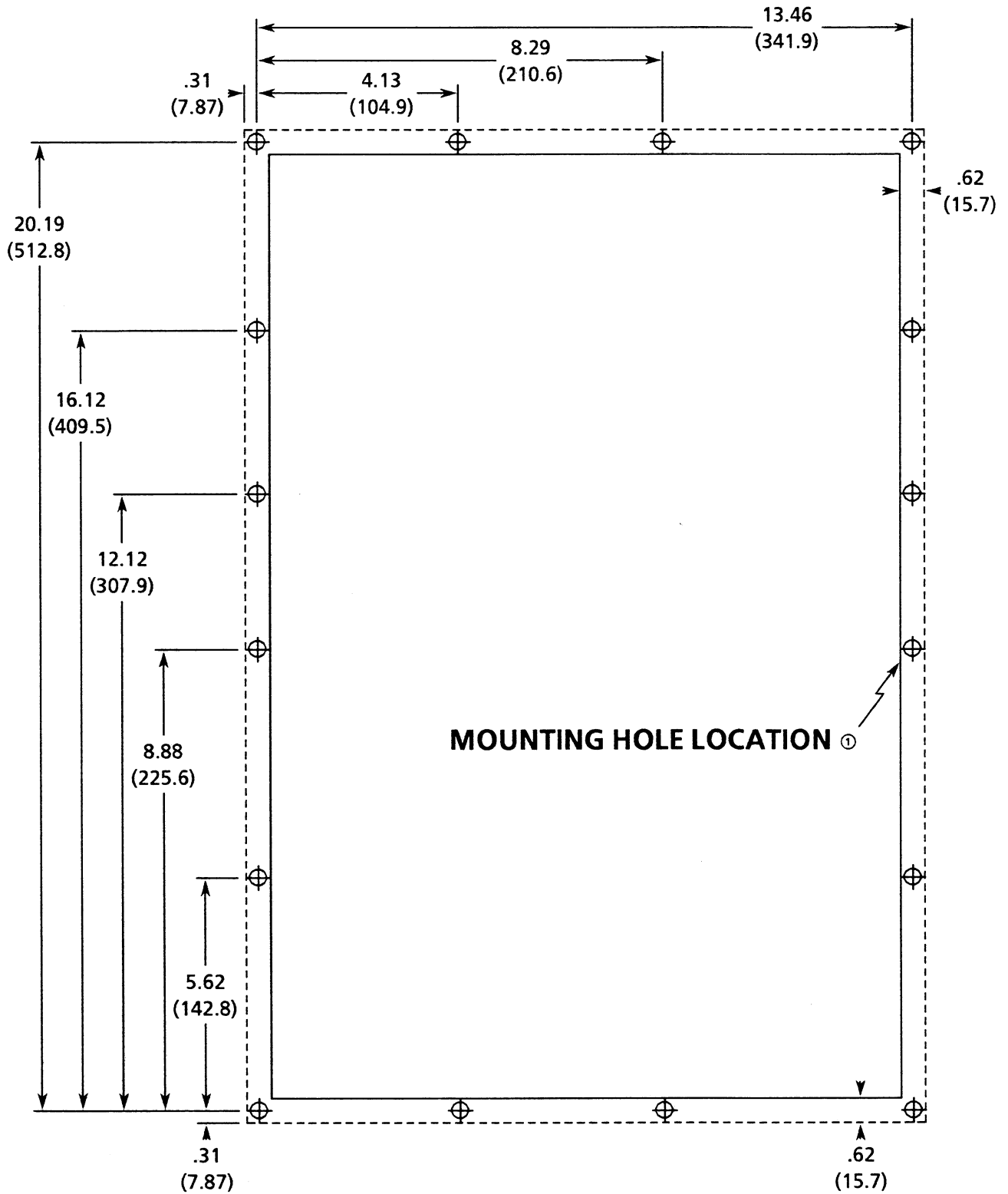
Installation Data

NEMA Type 4 Gasket Kit

Cutout Dimensions In Inches and (Millimeters)



Drilling and Tapping Dimensions In Inches and (Millimeters)



ⓐ DRILL AND TAP FOR (16) 10-32 MOUNTING SCREWS AS SHOWN

AB PLOs

Installation Requirements

The screws provided are sufficient for mounting the drive in an enclosure with a minimum thickness of 12 gauge — 0.105 inches (2.67 mm). Refer to the Bulletin 1336 Hardware User Manual for general installation requirements and connection procedures. In addition to those procedures:

- When locating the drive, allow a minimum clearance from other components of 4.0 inches (101.6 mm) on the top and bottom, 2.0 inches (50.8 mm) on either side.
- When mounting the drive, ensure that the heatsink fins are vertical.
- Enclosure mounting and location must allow for the heatsink extension. Refer to the illustration on page 5 to determine how far the heatsink extends out through the enclosure. With the heatsink exposed to the ambient, the drive will dissipate heat as listed in the table below:

Model	Internal Loss (Watts)	Internal Loss (BTU/Hr)
1336-B025, C025	180	614
1336-B030, C030	210	717

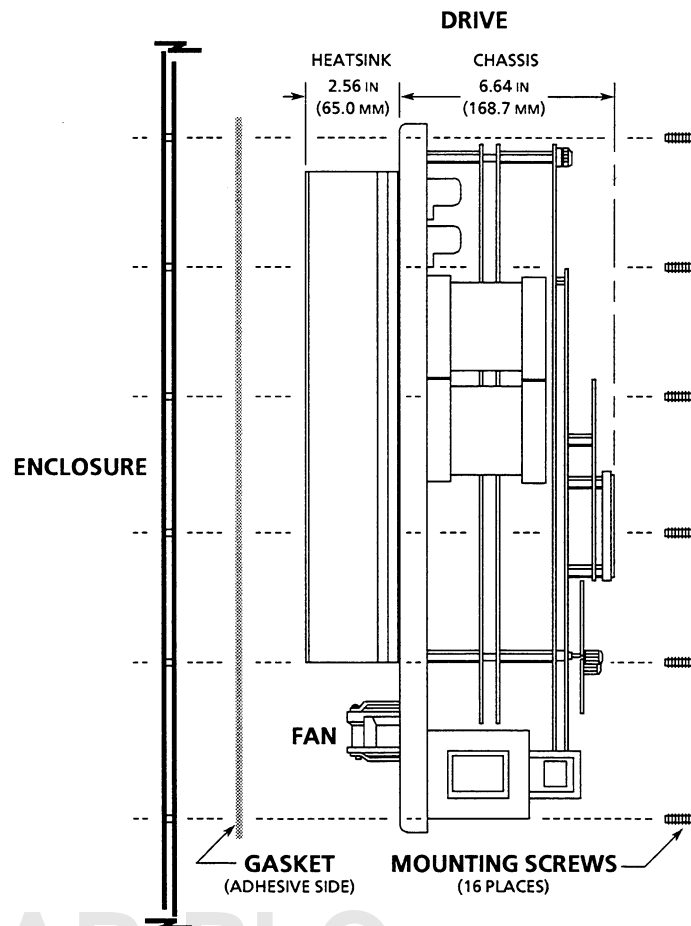
The user must verify that the selected enclosure will dissipate the total watts generated within the enclosure without allowing the internal ambient to rise above 50°C.

Gasket Installation



WARNING: Electric shock can cause injury or death. Remove all power before working on this product.

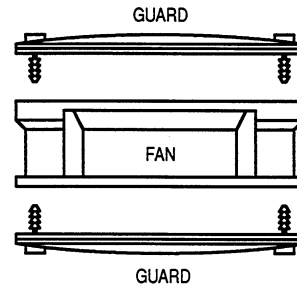
- Step 1** After cutting out the heatsink area and drilling and tapping the mounting holes, clean and file the surface area to remove any burrs or sharp edges.
- Step 2** The permanent adhesive backed gasket provided with the kit must be installed inside the enclosure around the cutout area. Gasket holes are not equally spaced. Before removing the gasket paper, place the gasket around the cutout area to align the mounting holes.
- Step 3** Peel away the gasket paper and firmly press the gasket in place.
- Step 4** Install the drive in the enclosure using the (16) mounting screws provided with the kit. Torque all mounting screws to 30 in-lbs (3.39 N-m).



AB PLCs

Fan Guard Installation

Step 5 Snap the two plastic fan guards into place as shown. Each molded plastic fan guard has (4) serrated fasteners designed to fit into the holes located at the top and bottom of the fan.



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