



## 1336 PLUS and PLUS II IP 65/54 (NEMA Type 4/12) Enclosure Kit

### What this Option Provides

The Enclosure Kit provides the required materials to enclose an open chassis 1336 PLUS or 1336 PLUS II in an enclosure. When properly installed, each Enclosure Kit is designed to meet IP 65 (NEMA Type 4) standards or IP 54 (NEMA Type 12) standards and permit the drive heatsink to extend outside the enclosure. You must observe the general installation requirements that are provided in the installation section of your drive User Manual.

### Where this Kit is Used

The Enclosure Kit is used in the following ranges:

Frame Reference	Enclosure Kit Catalog Number	Used with 1336 S/F . . .
A1, A2, A3 <sup>1</sup>	1336S-AFA3, 1336S-AJA3	AQF05 - AQF50, BRF05 - BRF50
A4	1336S-AFA4B, 1336S-AJA4B	BRF75 - BRF100
B1	1336-AFB1A, 1336-AJB1A	A007
	1336-AFB1B, 1336-AJB1B	B007 - B015
	1336-AFB1C, 1336-AJB1C	C007 - C010
B2	1336-AFB2A, 1336-AJB2A	A010 - A015
	1336-AFB2B, 1336-AJB2B	B020 - B030
	1336-AFB2C, 1336-AJB2C	C015 - C020
C	1336-AFCA, 1336-AJCA	A020 - A030
	1336-AFCB, 1336-AJCB	B040 - BX060
	1336-AFCC, 1336-AJCC	C025 - C060

### What the Kit Contains

Each IP 65 (NEMA Type 4) Enclosure Kit contains the following:

- (1) Pre-assembled IP 65 (NEMA Type 4) enclosure with fan<sup>1</sup>.
- (1) IP 65 (NEMA Type 4) permanent adhesive backed gasket.
- M5 x 0.08 x 10M sems or hex head screws.

Each IP 54 (NEMA Type 12) Enclosure Kit contains the following:

- (1) Pre-assembled IP 54 (NEMA Type 12) enclosure with fan<sup>1</sup>.
- (1) IP 54 (NEMA Type 12) permanent adhesive backed gasket.
- 10-32 x 3/8 inch sems or hex head self-tap screws.

<sup>1</sup> Fans are not required on A1, A2, and A3 frame enclosures.

To install the drive, follow these steps:



**ATTENTION:** Electric shock can cause injury or death. Disconnect all power before working on this product.

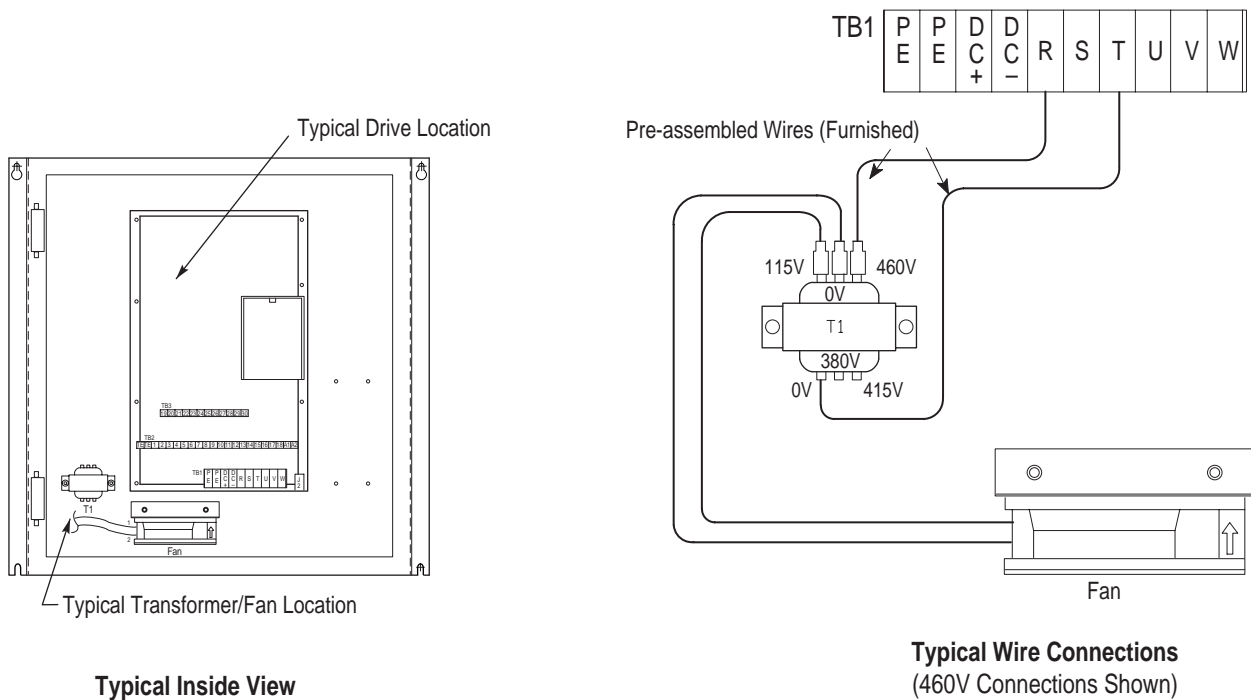


**ATTENTION:** Drive heatsink surface temperature may be at or near 100 degrees C (212 degrees F). To avoid burns, do not make contact with the drive heatsink.

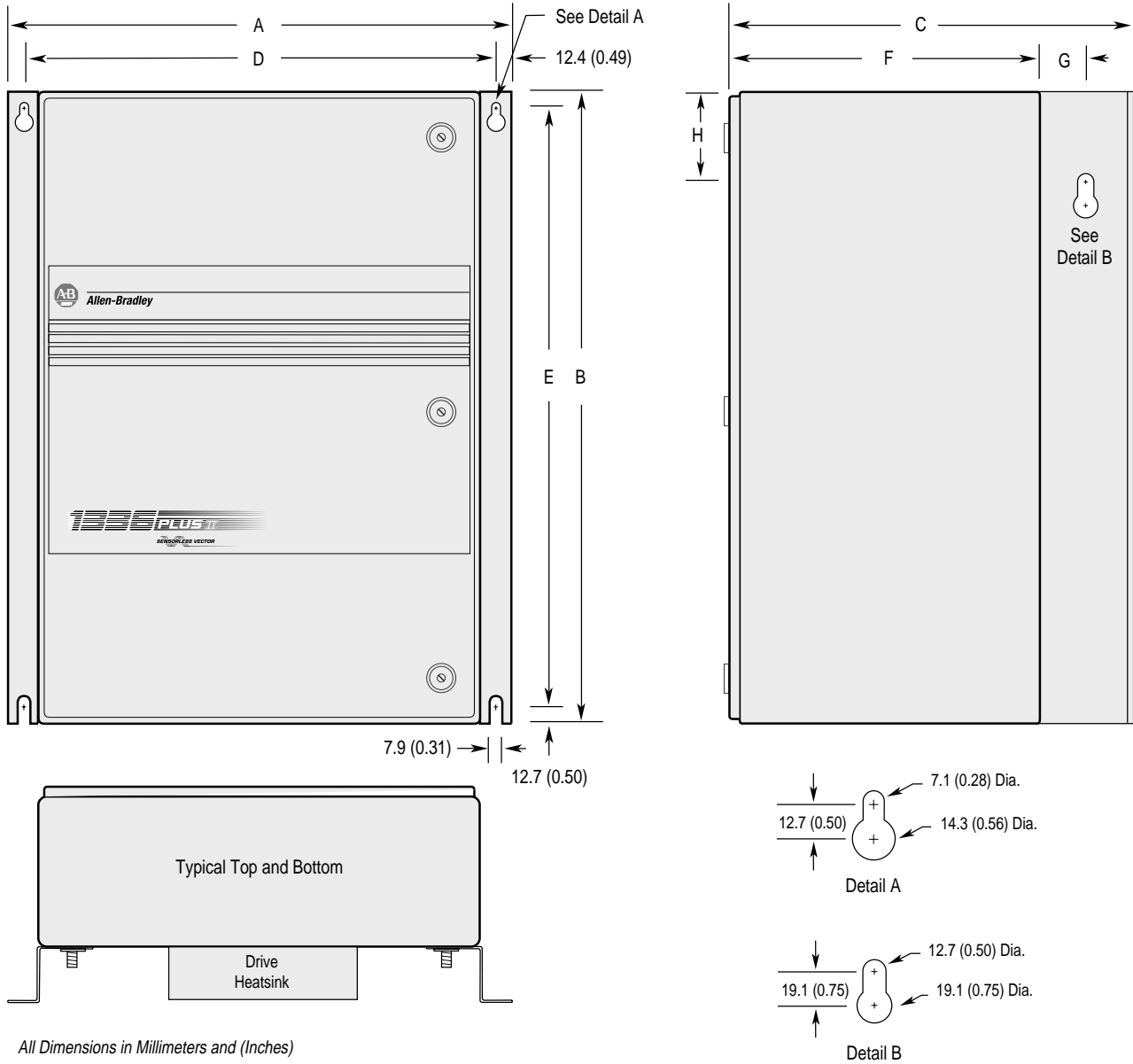
1. Place the gasket, with the gasket paper still intact, around the cutout area on the inside of the enclosure. Assure that the mounting holes are aligned properly (mounting holes are not equally spaced).
2. Peel away the gasket paper.
3. Firmly press the gasket in place aligning with the enclosure holes.
4. Remove the screws holding the drive mounting rails to the drive back panel.
5. Install the drive in the enclosure using the mounting screws provided with the kit.
6. Torque all mounting screws to 2.9 N-m (26 lb.-in.).
7. Connect the fan wires (A4 Frames & Up) as shown in the next section.

## Wiring

The following diagram shows the typical wiring diagram for all frames. Note that a fan is not required on A1-A3 frames.



IP 65/54 (NEMA Type 4/12) Dimensions



All Dimensions in Millimeters and (Inches)

Frame Reference	A	B	C	D	E	F	G	H	Approx. Ship Weight
A1	430.0 (16.93)	525.0 (20.67)	350.0 (13.78)	404.9 (15.94)	500.1 (19.69)	250.0 (9.84)	N/A	N/A	16.8 kg (37.0 lbs.)
A2	430.0 (16.93)	525.0 (20.67)	350.0 (13.78)	404.9 (15.94)	500.1 (19.69)	250.0 (9.84)	N/A	N/A	17.9 kg (39.4 lbs.)
A3	430.0 (16.93)	525.0 (20.67)	350.0 (13.78)	404.9 (15.94)	500.1 (19.69)	250.0 (9.84)	N/A	N/A	18.6 kg (41.0 lbs.)
A4	655.0 (25.79)	650.0 (25.59)	425.0 (16.74)	629.9 (24.80)	625.1 (24.61)	293.0 (11.54)	63.5 (2.50)	76.2 (3.00)	39.5 kg (87.0 lbs.)
B1 5.5 kW (7.5 HP) at 200-240V AC 11 kW (15 HP) at 380-480V AC	655.0 (25.79)	650.0 (25.59)	425.0 (16.74)	629.9 (24.80)	625.1 (24.61)	293.0 (11.54)	63.5 (2.50)	76.2 (3.00)	44.7 kg (98.5 lbs.)
B2 7.5-11 kW (10-15 HP) at 200-240V AC 15-22 kW (20-30 HP) at 380-480V AC	655.0 (25.79)	900.0 (35.43)	425.0 (16.74)	629.9 (24.80)	875.0 (34.45)	293.0 (11.54)	63.5 (2.50)	76.2 (3.00)	56.5 kg (124.5 lbs.)
C	655.0 (25.79)	1200.0 (47.24)	425.0 (16.74)	629.9 (24.80)	1174.5 (46.22)	293.0 (11.54)	63.5 (2.50)	76.2 (3.00)	80.7 kg (178.0 lbs.)

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