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VG10 & GP10 AC Inverter Panel Mounting Kit Installation Instructions

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SAFETY FIRST !

LETHAL VOLTAGES MAY BE PRESENT!

PLEASE READ THIS INSTRUCTION MANUAL THOROUGHLY BEFORE ATTEMPTING ANY INSTALLATION, OPERATION, MAINTENANCE OR INSPECTION. FAILURE TO FOLLOW THE RECOMMENDED PROCEDURES OR CAUTIONS IN THIS MANUAL COULD RESULT IN INJURY TO PERSONNEL AND/OR DAMAGE TO EQUIPMENT.

CAUTION !

1. CHECK THE NAME WRITTEN ON THE PRODUCTS AND INSURE THAT THE PROPER PART HAS BEEN RECEIVED.
2. THOROUGHLY INSPECT THE PART(S) FOR ANY DAMAGE DUE TO SHIPMENT OR HANDLING.
3. THE PART(S) MAY CONTAIN CMOS CHIPS AND CAN BE DAMAGED BY STATIC ELECTRICITY. HANDLING SHOULD BE IN ACCORDANCE WITH INDUSTRY STANDARDS.
4. BEFORE INSTALLING THE PART(S) TURN OFF ALL POWER TO THE EQUIPMENT AND INSURE THE CHANGE INDICATOR LAMP ON THE INVERTER IS **OFF**. **LETHAL VOLTAGES ARE PRESENT !**
5. DO NOT CONNECT OR DISCONNECT WIRING WHILE POWER IS **ON !**
6. FOLLOW GOOD STANDARD WIRING PRACTICES AND ANY APPLICABLE CODES THAT MAY APPLY.

Overview

This manual provides the instructions for panel mounting the VG10 and GP10 Inverters. There are four kits to cover the ¼ to 30 HP range and are as follows:

VG10	1/4, 1/2, & 1 HP	2 - 5 HP	7 - 10 HP	15 - 30 HP
GP10	1/4, 1/2, & 1 HP	2 - 5 HP	7 1/2 - 15 HP (VT) 7 1/2 - 10 HP (CT)	20 - 30 HP (VT) 15 - 25 HP (CT)
Kit No.	043-0901	043-0902	043-0903	043-0904

Each kit contains all of the hardware necessary to panel mount the inverter. Before proceeding, make sure that the correct kit has been ordered for the inverter being used and that all parts are included . Carefully read this manual in its' entirety before attempting the installation paying particular attention to the WARNINGS and CAUTIONS.

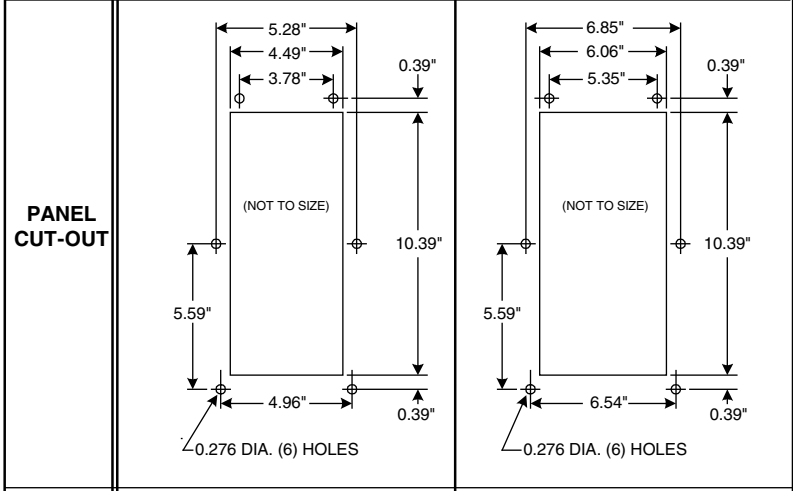
WARNING

- **Mount the inverter on a non-combustible material, as fire may result.**
- **Do not place combustible or flammable material near the inverter, as fire may result.**

CAUTION

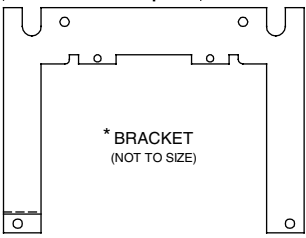
- **Mount the inverter with the hardware provided, and secure using industry standards.**
- **DO NOT hold or carry the inverter by the surface cover as the inverter can be dropped causing injury and damage.**
- **Ensure that the heat sink surfaces of the inverter are kept free of foreign matter and that adequate air flow is present after mounting.**
- **Before applying power to the inverter make sure that it is mounted properly and that all parts are checked for integrity.**
- **All wiring should be checked for integrity and be in accordance with all applicable codes.**

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GP10	1/4, 1/2, & 1 HP	2 - 5 HP



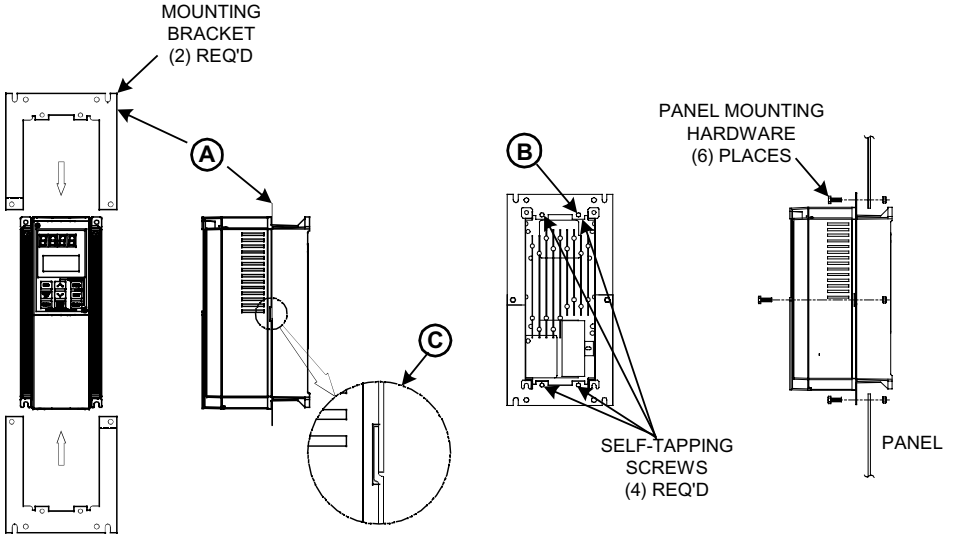
KIT NO.	043-0901	043-0902
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QTY	P/N	DESCRIPTION	QTY	P/N	DESCRIPTION
2	003-2185	* BRACKET	2	003-2186	* BRACKET
4	020-0211	#10/32 x 3/8" Self tap	4	020-0211	#10/32 x 3/8" Self tap
12	H3003-04	#1/4 - 20 Flat Washer	12	H3003-04	#1/4 - 20 Flat Washer
6	H3002-04	#1/4 - 20 Lock Washer	6	H3002-04	#1/4 - 20 Lock Washer
6	H3001-05	#1/4 - 20 Hex Nut	6	H3001-05	#1/4 - 20 Hex Nut
6	H3007-10	#1/4 - 20 x 3/4 Hex Bolt	6	H3007-10	#1/4 - 20 x 3/4 Hex Bolt



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VG10 & GP10 1/4 - 5 HP



Assembly Instructions

1. Carefully lay inverter face down, and place the mounting brackets on the back of the inverter as shown at (A), (B) and (C)
2. Affix the brackets with the (4) self-tapping screws to the inverter.
3. Place the assembly in the panel cut out and secure with the panel mounting hardware provided.
4. Insure that there is no obstruction to the air flow to the heat sink and that proper air flow is present for the required cooling.

WARNING!

Saftronics manufactures component parts that can be used in a wide variety of industrial applications. The selection and application of Saftronics products remains the responsibility of the equipment designer or end user. Saftronics accepts no responsibility for how its products may be incorporated into the final design.

Under no circumstances should any Saftronics product be incorporated into any product or design as the exclusive or sole safety control. Without exception, all controls should be designed to dynamically fault detect and fail safe under all circumstances. All products designed to incorporate a component part manufactured by Saftronics, must be supplied to the end user with appropriate warnings and instructions as to the safe use and operation. Any warnings provided by Saftronics must be passed through to the end user.

Saftronics offers an express warranty only as to the quality of its products to conform to the catalog specifications. **NO OTHER WARRANTY, EXPRESS OR IMPLIED, IS OFFERED.** Saftronics assumes no liability for any personal injury, property damage, losses or claims, arising out of the mis-application of its products.