

MANUFACTURED BY  
MGM PRODUCTS



## Branch Box Enclosure

**BBE-1**

For use with: PAC-MKA50BC/MKA51BC  
and PAC-MKA30BC/MKA31BC

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### INSTALLATION MANUAL FOR INSTALLER

For safe and correct use, please read this installation manual thoroughly before installing this component.

The branch box enclosure is intended for outdoor use in conditions that do not exceed NEMA 3R criteria. When used with the branch box enclosure, the operation temperature range of the branch box follows the same ambient temperature operation range as the outdoor unit to which it is connected. Please refer to the appropriate outdoor unit manual for the specific allowable ambient operation temperature range.

**BRANCH BOX MUST BE INSTALLED IN ACCORDANCE WITH  
THE MANUFACTURER'S INSTALLATION INSTRUCTIONS**

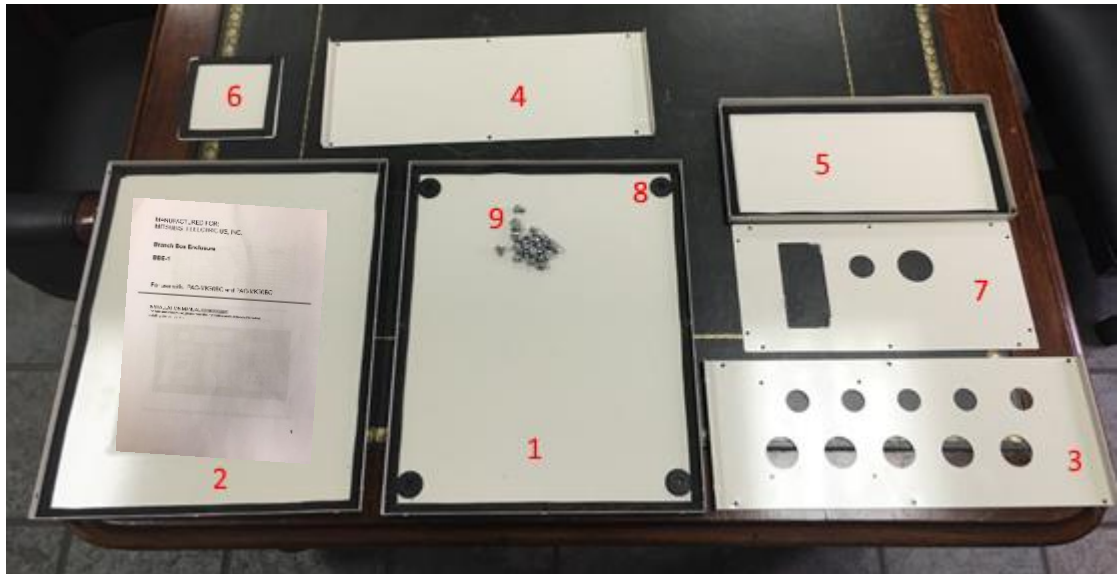
## Contents:

| Item | Name                       | Quantity |
|------|----------------------------|----------|
| 1    | Enclosure Back             | 1        |
| 2    | Enclosure Front            | 1        |
| 3    | Enclosure Line Set Side    | 1        |
| 4    | Enclosure Blank Side       | 1        |
| 5    | Enclosure Top              | 1        |
| 6    | Line Set Block Off         | 1        |
| 7    | Enclosure Bottom           | 1        |
| 8    | Rubber Grommet             | 4        |
| 9    | Screws-M5X10 Silver Geomet | 39       |

## Steps:

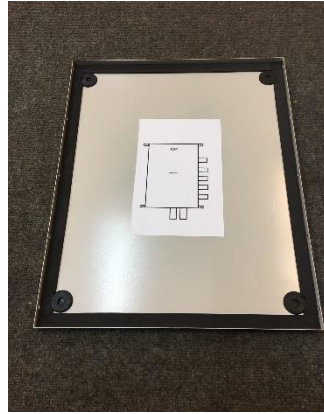
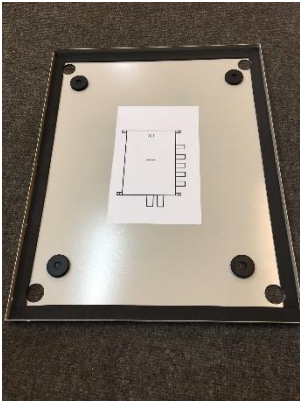
*Do not deviate from supplied instructions to ensure maximum weather resistance.*

1. Check to ensure all parts are included in packaging.



Preferred mounting orientation is indicated in this booklet.

2. Insert rubber grommets into 1" holes located on enclosure back.



3. Enclosure back (item #1) will mount to structure by piercing rubber grommets. Install two fasteners on right side, back out enough to slide box mounting tabs under fastener and retighten, then install two additional fasteners to the left side.

**\*\*\*NOTE\*\*\***

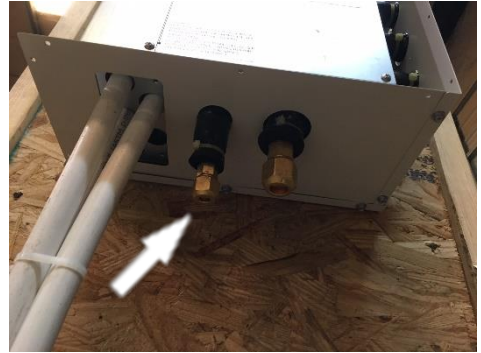
Installer shall use a fastener type that will adequately support Branch Box Enclosure and Branch Box (not included).

If suspending horizontally use all-thread rod through rubber grommet to suspend the branch box. The installer is responsible for the safe and secure mounting of the branch box and this enclosure.

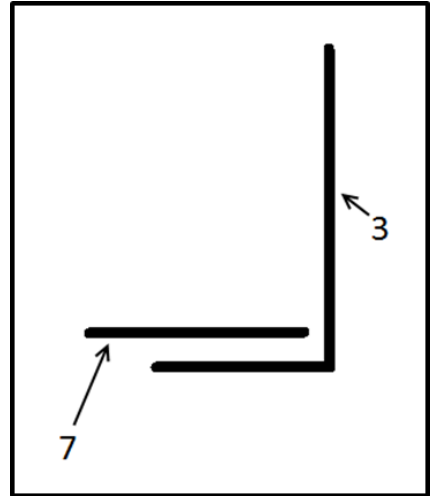


If mounting to masonry surface you can pre-mark holes and drill hole location.

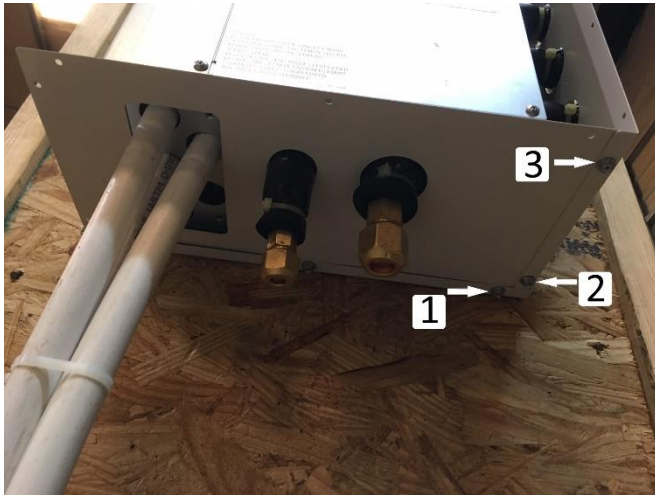
4. Place wiring conduit through opening in enclosure bottom prior to securing enclosure bottom to the enclosure back. Using one M5x10 silver screw (provided) in center location, attach enclosure bottom (item #7) to enclosure back.



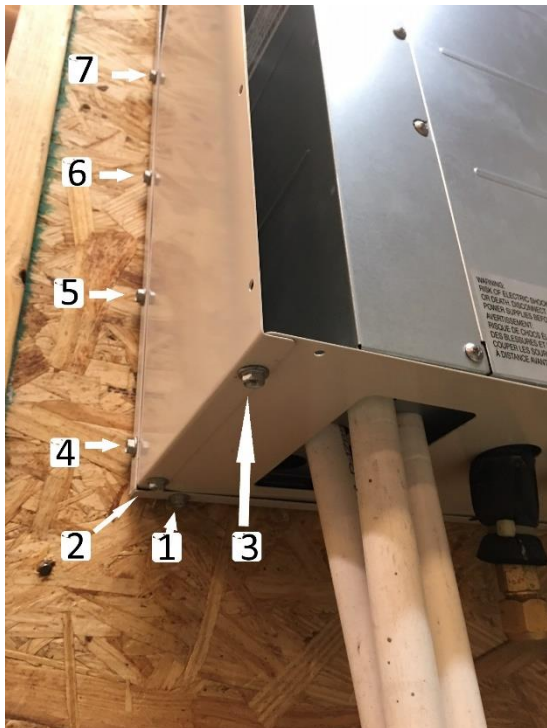
5. Attach the enclosure line set side (item #3) to the back panel and bottom panel.



6. Attach using the provided screws in the below order.

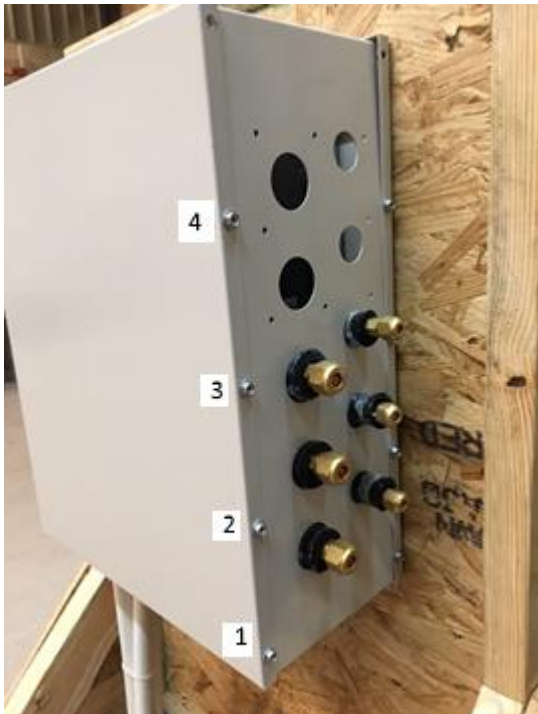


7. Attach enclosure blank side (item #4) to the enclosure using same order as previous step.



8. Complete all wiring and piping to branch box at this point. Refer to Branch Box installation instructions for Dip switch settings and addressing.

9. Attach enclosure front (item #2) to enclosure, in below order.



10. Install enclosure top(item #5) to the enclosure with four screws provided.



11. If using Branch Box with only 3 line sets, use provided line set block off (item #6).



12. Use field supplied silicone sealant to seal around line set locations. Ensure sealant is completely sealing line set insulation and enclosure Line Set Side (item #3). This is required for all outdoor applications.



13. Complete all line set and electrical connections as required by branch box manufacturer.



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Please add contact address/telephone number in space provided below before handing it to the customer.