Start

Thank you for choosing a Vibco vibrator!

New installation start here!

Start with the discharge opening. For coarse materials, Orient as shown here. The vibrator will cross over the bin. Attach to the mounting plate. Check the mounting plate for warping & shim if necessary. Do not over-tighten the bolts. Take an amperage reading while vibrator is running. Install safety chain or cable. Take a voltage reading while vibrator is running. Fill out warranty card and mail to Vibco!!!

Additional details available online at www.vibco.com

MOUNTING INSTRUCTIONS CHECKLIST

- Determine vibrator placement on equipment.
- Determine length of channel iron and style of mounting plate.
- STITCH weld mounting plate or bracket to channel iron.
- STITCH weld channel iron to bin or form system.
- Attach vibrator to mounting plate. Check the mounting plate for warping & shim if necessary. DO NOT OVER TIGHTEN THE BOLTS.
- Install safety chain or cable.
- Connect wiring for vibrator using the NEC Standards.
- Take a voltage reading while vibrator is running.
- Take an amperage reading while vibrator is running.
- Fill out warranty card and mail to Vibco!!!
WARNING: Failure to read and follow these installation instructions and safety precautions could result in personal injury, equipment damage, shortened service life or unsatisfactory equipment performance. All information in this document is vital to the proper installation and operation of the equipment. It is important that all personnel who will be coming in contact with this product thoroughly read and understand this manual.

**RESTART**

ALWAYS INSTALL SAFETY CABLE or CHAIN
Mount one end to the vibrator and the other to the hopper or bin above the vibrator. NEVER ATTACK TO THE MOUNTING PLATE!

**ELECTRICAL INSTALLATION**

All US Models are single phase, 50/60 Hz. Standard 115 volt units can simply be plugged into a grounded circuit. 230 volt units are shipped without a plug and require hardware and/or plug to connect to your circuitry. Always consult professional electricians with any questions or concerns for electrical installations.

WITHOUT SWITCH BOX

and then . . . TAKE AN AMPERAGE READING WHILE THE VIBRATOR IS RUNNING

WITH SWITCH BOX

Operating amperage should not exceed the value listed on the vibrator label. If it does, it is most likely due to faulty mounting. Check your mounting, welds, and re-tighten bolts if necessary. See TROUBLESHOOTING for more info.

**CHANGING OUTPUT SETTINGS**


NOTE: Models US-100, 450 and 700 have fixed eccentrics and are NOT adjustable. Consult factory for alternate force options.

To change the force:

1) Disconnect power and remove both covers.
2) Remove the cap screw that holds the outer eccentric to the inner eccentric and turn the outer eccentric so that the numbered hole aligns with the threaded hole in the inner eccentric. NOTE: You must set both ends of the vibrator to the same setting.
3) Apply Loctite 242 (or equivalent). Replace the cap screw.
4) Replace both end covers. End cover bolts have a locking patch and do not need Loctite.

**OPERATING TEMPERATURE**

VIBRATOR WON'T EVEN START?
1. Check power supply to unit. Are you getting the proper voltage? Has the thermal overload protection tripped?
2. Check vibrator brushes for wear. Each unit has two brushes. Refer to full detail manual at www.vibco.com for correct brush lengths. Replace if worn below minimum length.
3. Check field & armature continuity. If either is burned or has a short, replace. If unsure how to check continuity, call VIBCO or consult a licensed electrician.

**TROUBLESHOOTING**

1.  Check power supply to unit. Are you getting the proper voltage? Has the thermal overload protection tripped?
2. Check vibrator brushes for wear. Each unit has two brushes. Refer to full detail manual at www.vibco.com for correct brush lengths. Replace if worn below minimum length.
3. Are you running the vibrator continuously? All VIBCO high frequency electric models are rated for intermittent duty (Long Life of Vibrator)

**PRODUCT CHANGES**

VIBCO reserves the right to make changes in pattern, design or materials when deemed necessary, without prior notice or obligation to make corresponding changes in previous models. To be sure of exact mounting dimensions, it is recommended that you obtain a certified dimensional drawing from the factory.

**ORDERING SPARE PARTS**

Parts can be ordered through authorized distributors or from VIBCO's Spare Parts Department. The following data should be provided when placing your spare parts order:

From label: Modal number of unit.
From spare parts list: Reference number, part number, description & quantity required.
Shipping instructions: Specify shipping point and method of loading.