

NOTE: The following instructions are for models VAC-200 & VAC-290 except where noted. The instructions are very similar but are different in several ways. Please pay special attention where differences are noted for models.

Safety VAC-200 & VAC-290

CAUTION: Standard EDCO machines are not to be used for the removal of liquids or any volatile, viscous, flammable or explosive media. If you are unsure about your application requirements consult your EDCO representative.

CAUTION: Standard EDCO VAC machines are designed for intermittent use, i.e. not more than 2 hours continuously. If you are unsure about your application requirements consult your EDCO representative.

CAUTION: A dust mask should be worn when working with used filters.

CAUTION: Disconnect the machine from the power source before and during inspection and/or maintenance.

CAUTION: Machines equipped with a reverse pulse module must always be supplied adequately when the machine is on. The module is controlled by an electrical sequential timer (requires a 110 volt power supply) or differential pressure switch. The module itself requires a source of compressed air of 90 PSI at 2-4 CFM (depending on module). This device prevents the accumulation of material on the filter and therefore prevents the machine from being held under excessive stresses due to material blockage.

CAUTION: Machines equipped with a motorized shaker must be supplied with a three phase, 230-460 volt (depending on motor) power supply when ever the machine is on. The motorized shaker is controlled by an electrical sequential timer (requires a 110 volt power supply), a differential pressure switch or a manual switch. Manual switch models should be actuated before and after every use while the vacuum is off. This device prevents the accumulation of material on the filter and therefore prevents the machine from being held under excessive stresses due to material blockage.

Start-Up VAC-200

1. Pull up on the foot lever to release the dustpan. Check that the dustpan is completely empty then replace.

CAUTION: The electrical service at the installation site must supply the voltage stamped on the machine's serial tag. Most motors have multiple voltage capabilities that may appear on the motor serial tag but do not apply to the specific machine. Operating at an incorrect voltage may damage the machine.

NOTE: A qualified electrician in accordance with the National Electric Code and all local codes should perform all wiring and/or electrical adjustments during installation and servicing.

2. Connect the machine to the proper power source, as indicated on the machine's serial tag.
3. Start the machine by pushing the power switches on the motors to the ON/closed position one at a time.
4. Turn the machine off by pushing the power switches on the motors to the OFF/open position.
5. The filter should be shaken and the dustpan emptied before and after every use.

Standard Filter Installation VAC-200

1. Turn the filter housing spacer assembly over on a table then fit the filter over the filter shaker insert.
2. Make sure each pleat is fully supported and the ground wire is on the filter side of the assembly.
3. Connect the filter housing spacer assembly ground wire to the base via the push-on terminal.
4. Seat the filter housing spacer assembly on the base oriented as it was removed.
5. Seat the reverse pulse/motorized shaker assembly and housing spacer (if so equipped) on the filter housing spacer assembly oriented as removed; make sure to connect the component ground wire to the filter housing spacer assembly via push-on terminal.
6. Seat the HEPA adapter assembly and housing spacer (if so equipped) on the preceding housing component oriented as removed; make sure to connect the component ground wire to the preceding assembly via push on terminal.
7. Connect the motor deck ground wire to the preceding assembly.
8. Connect the three power cord wires to the their respective terminals in the terminal block on the underside of the motor deck.
9. Seat the motor deck on the preceding housing spacer.
10. Connect the clear differential pressure gauge tubes to their respective barbed fittings if so equipped.
11. Turn the machine on then block the inlet with a flat and rigid material to place the machine under vacuum pressure.
12. Secure all of the housing-components then turn the machine off.

HEPA 2.0 Filter Replacement Procedure VAC-200

1. Turn the machine on then block the inlet with a flat rigid material to place the machine under vacuum pressure.
2. Remove hardware, motor deck and motors. Remove ground wire if necessary.
3. Turn assembly over.
4. Remove lock nut, nut, and washer on each cartridge.
5. Remove cartridge filter.
6. Install cleaned or new cartridge and re-assemble hardware.
7. Reinstall motor deck. Attach ground wire.
8. Turn on motors and block inlet to compress the housings.
9. Reinstall hardware.

