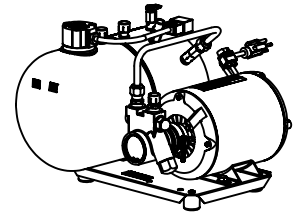


INSTALLATION INSTRUCTIONS

for

McCann's Carbonators

(ALL MODELS)



1. If the flexible electrical supply cord on this carbonator assembly is used, a flexible water line connector must also be used.

Connect a water line, equal to 3/8" pipe or larger. If the water connection is 12' or more from the carbonator a 1/2" water line should be used. A shutoff valve, pressure regulator and water filter may be installed in pump line. The pressure coming to the carbonator pump should never be above the CO₂ pressure setting. Normal water pressure entering the pumps should be around 50 psi. If a water hammer noise later develops when carbonator shuts on and off, a 6" to 10" flexible water line may be installed to the water pump inlet.

2. Connect CO₂ pressure supply to CO₂ inlet on carbonator tank. Normal operating pressure should be 100 psi. Maximum operating pressure should not exceed 120 psi. If carbonator drinks show too much foam, set CO₂ pressure at 80 to 90 psi.
3. Connect carbonator water outlet line to dispenser system. To avoid contamination of potable liquids, do not connect copper tubing or fitting between the discharge fitting of the carbonator tank and the dispensing faucet.
4. Open pressure relief valve (red arm should be in vertical position).
5. Turn water supply on and fill tank until water can be seen coming out of the pressure relief valve.
6. Close pressure relief valve (red arm should be in horizontal position).
7. Turn on CO₂ and adjust to correct pressure (see step 2).
8. The motor cord is equipped with a 3 prong electrical plug. To insure both the safety and proper operation of this equipment, be certain that the electrical receptacle is a proper design so as to accept this plug assuring that the carbonator assembly is properly grounded.

If the carbonator assembly is to be installed in an area, or community whose local codes require permanent wiring, the following procedure should be followed.

- a. Remove knock out cover disc from top of motor and the cover plate on rear of motor. Replace it with a conduit connector that should be firmly screwed into the motor. The three wires (white, black, and green) should be fed through the conduit connector and brought into the wiring compartment of the motor. The conduit may now be inserted into the connector and secured.
- b. The green wire from the conduit should be connected to the green screw that holds down the cover plate. Be sure to use a ring torque terminal for connecting the wire to the screw.
- c. The white wire from the conduit and the white wire from the flexible cord going to the carbonator tank should be joined together by a suitable U.L. Listed insulated twisted on pressure cable connector.
- d. There are two threaded electrical studs in the wiring compartment of the motor. One post has the black lead from the electrical cord to the carbonator tank connected to it. The post will be used to connect the black wire from the conduit. Here again, use a ring torque terminal and secure it to the stud with a hex nut.

If above conditions have been met, the power may be turned on (if electric cord operated, then insert plug in receptacle - if permanent wiring installation power switch or breaker may be thrown to the ON position).

9. Check system for water leaks and CO₂ leaks.
10. Open dispensing faucet and let carbonator and motor assembly cycle several times to flush system.