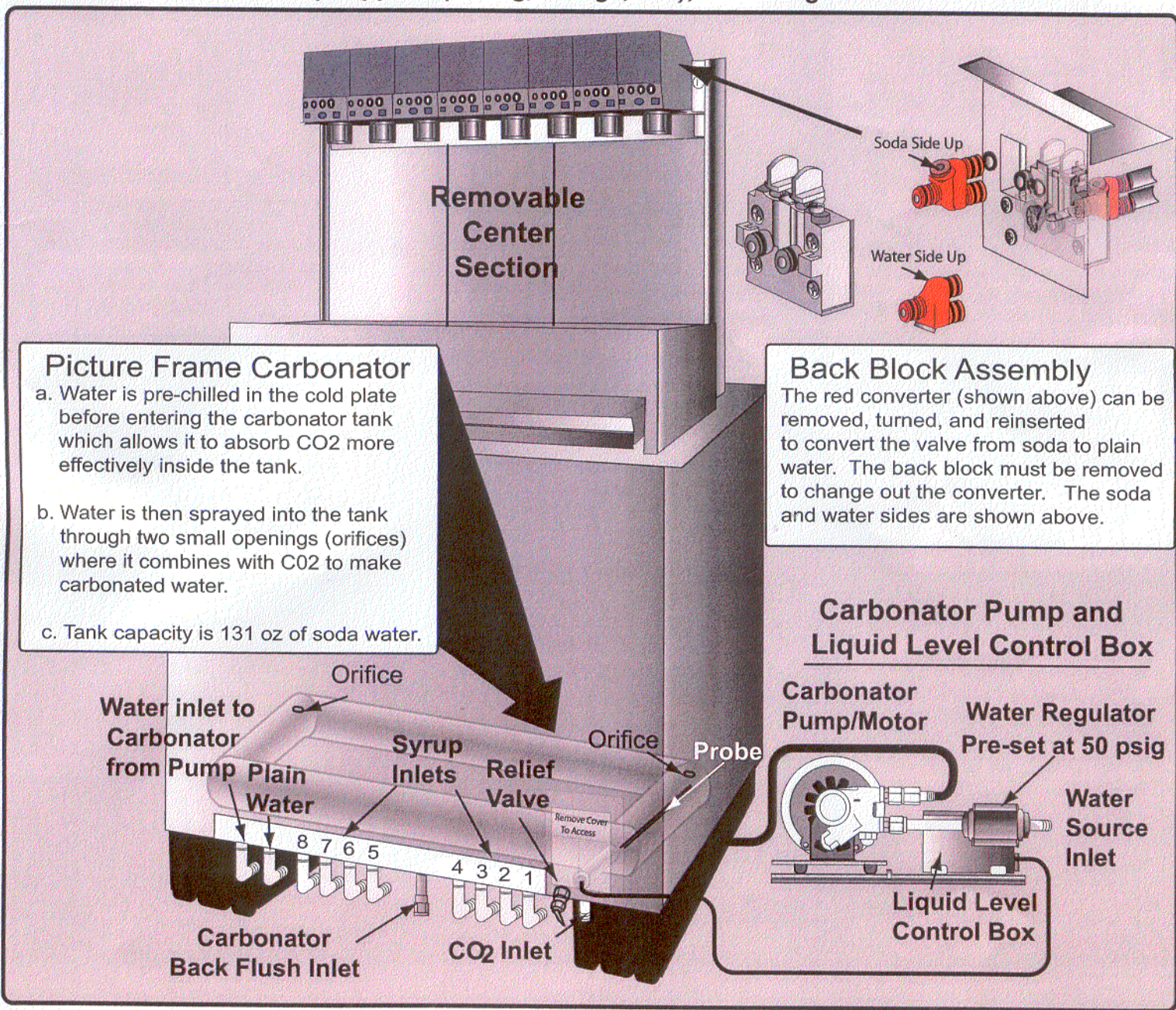




# Drop-in Dispenser Installation Instructions

The Coca-Cola Company worked with Lancer Corporation to develop a drop-in beverage dispenser with an on board carbonator tank integrated into the cold plate to provide cold carbonated beverages. This unit is a standard 23 x 23 drop-in dispenser. It fits a conventional 23 1/4 x 23 1/4 cut out; however it is about 30 lbs heavier than a conventional drop-in due mainly to the size of the cold plate. It also has changeable water back blocks at the four center valves which allows switching between plain and carbonated water.

**Required Tools - Standard Installation tools (stepless pliers, tubing cutter, assorted wrenches, assorted screwdrivers, etc.) supplies (tubing, fittings, etc.), and lifting device.**



**Picture Frame Carbonator**

- Water is pre-chilled in the cold plate before entering the carbonator tank which allows it to absorb CO2 more effectively inside the tank.
- Water is then sprayed into the tank through two small openings (orifices) where it combines with CO2 to make carbonated water.
- Tank capacity is 131 oz of soda water.

**Back Block Assembly**

The red converter (shown above) can be removed, turned, and reinserted to convert the valve from soda to plain water. The back block must be removed to change out the converter. The soda and water sides are shown above.

**Carbonator Pump and Liquid Level Control Box**

Carbonator Pump/Motor

Water Regulator Pre-set at 50 psig

Water Source Inlet

Liquid Level Control Box