

# VIVREAU<sup>®</sup>

## V3-204 Bottler

Installation requirements  
and specifications



## I. Installation Requirements:

- **The water dispenser may not be installed near direct or indirect heat sources (such as ovens, radiators, heaters, dishwashers, washing machines and so forth). Likewise, hoses and cables must not come into contact with heat sources.**
- **The water dispenser must be placed on a level surface that can bear the weight and is resistant to liquids and heat.**
- **The water dispenser may not be installed at locations where there is a possibility of sprayed water or jets of water.**
- **No objects may be placed on the water dispenser.**
- **There must be no explosive, corrosive or abrasive environment condition. Keep the water dispenser away from flammable objects.**
- **The water dispenser must not be subject to agitations and vibrations.**
- **The water dispenser is not suited for outdoor use.**
- **The water dispenser has to be installed in locations which have free access and can be monitored by trained personnel.**
- **The ambient temperature around the dispenser should not exceed 90°F (32° C).**

### 1 Water connection:

The water supply requirements for Vivreau water dispensers are crucial to ensure proper operation and hygiene. Here are the key points:

- **Water Pressure:** The water pressure operating range is 30PSI-50 PSI (pounds per square inch).
- The Vivreau system incorporates an ASSE 1022 check valve, any additional back flow devices required by local or state code must also be supplied by the customer prior to installation.
- **Water Flow:** The minimum water flow rate should be about 40 gallons-60 gallons per hour.
- **Water Quality:** The water supply must be potable and meet local drinking water regulations. It should be free from contaminants and suitable for human consumption.
- **Temperature:** The incoming water temperature range should be between 60°F (15.5°C)-70°F (21.1°C) to ensure the dispenser can maintain a cooling performance. Higher temperatures can compromise the cooling efficiency.
- **Water Connections:** The water dispenser can be installed with the following types/sizes of water connection:
  - » 1/2 - inch water line – terminated with a 3/8 – inch compression NPT Gate Valve or Angle Valve
  - » 1/2 – inch water line – terminated in a 1/2 – inch x 1/2 - inch female threaded Ball Valve

### 2 Electrical connection:

The power requirements for Vivreau water dispensers can vary depending on the specific model. However, here are some general guidelines based on the information available:

- **Voltage:** Typically, Vivreau water dispensers require a standard electrical outlet with a voltage of 110-120V
- **Amperage:** 20amp
- **Frequency:** The frequency is usually 50/60 Hz
- **Power Consumption:** The power consumption can vary, but it is generally around 100-300 watts for most models.
- A GFCI (Ground Fault Circuit Interrupter) receptacle is recommended.

For precise power requirements, always refer to the identification label on the dispenser or the specific model's operating manual. This label will provide detailed information about the voltage, frequency, and power consumption needed for safe and efficient operation.

All power supply connections must be within 2-4 feet (24-48 inches) of the water dispenser's final installation location.

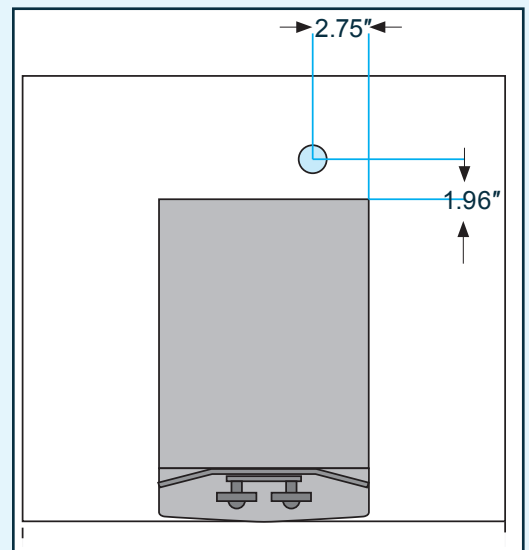
### 3 Waste water connection (integrated):

The dripping water will be collected in the moveable drip tray, which is to be emptied once it is full. No waste water connection is needed.

### 4 CO2 (customer supplied):

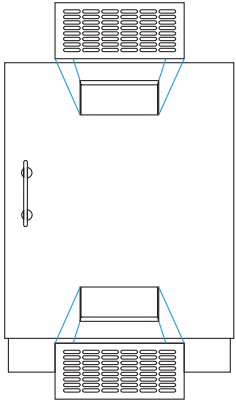
Food Grade CO2 Supply Required. If connecting to a bulk or existing CO2 supply system, a CO2 line terminating with a 1/4" barbed shutoff valve must be available within 40" of the System installation location, 100psi minimum pressure.

### 5 Millwork:



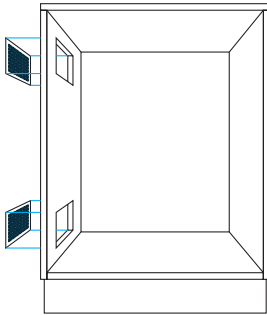
## II. Ventilation options:

Cut ventilation grills into the side of the cabinet. Ventilation grills are available on request as accessories. The cabinet may be ventilated in several different ways to prevent excessive heat build-up. The methods shown all take advantage of natural circulation by placing two grills or cut-outs; one near the base and the other at the top of the enclosure. Base/ kitchen cabinet back panel should be removed for better ventilation.



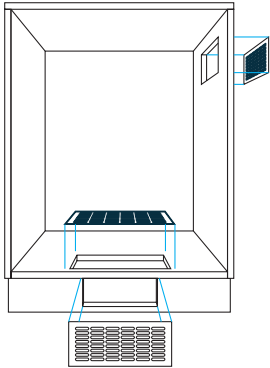
### Front Ventilation

Typical cut-out size must not be less than 12.0" wide x 2" deep (24 sq inch)



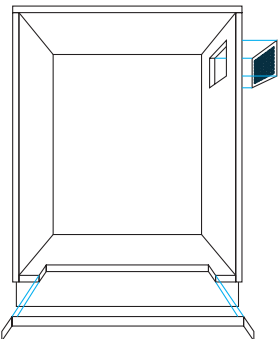
### Side Ventilation

Cut ventilation grills into the side of the cabinet. The grilles may be fitted on either side allowing the ventilation into a free and unobstructed area.



### Base Ventilation

Cut ventilation grills into the cabinet's base panel and base plinth. Top ventilation will also be required in either the side panels or a cut out in the top of the door.

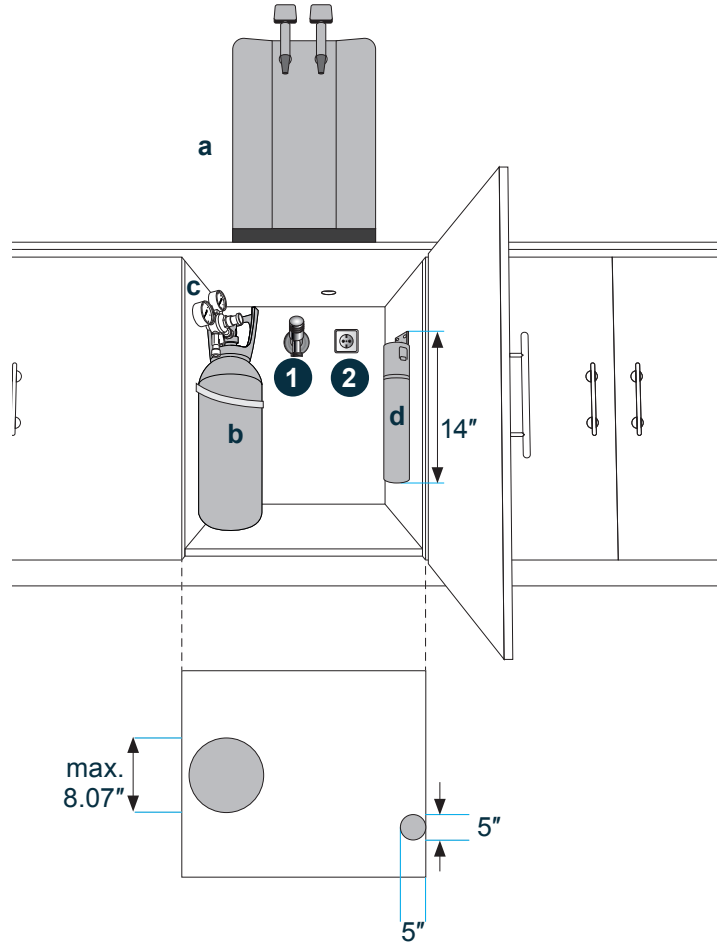


### Base Cut-Out

Ensure ventilation by removing a narrow section of the floor, immediately behind the door and trim with roll edging strip. Typical cut-out size must be not less than 12.0" wide x 2" deep (24 sq inch)

## III. Arrangement

- a. 204 bottler
- b. CO<sub>2</sub> tank
- c. CO<sub>2</sub> pressure regulator
- d. Vivreau water filter (Cold Water)



## IV. Dimensions

### 204 Bottler



## V. Technical data

204 Countertop Bottler		
Cooling capacity (gal/h)		21
Min. required space (W x H x D inch)		24 x 29.5 x 24
Dimensions (W x H x D inch)		14.6 x 21.2 x 19.3 5 (diam) x 14 (H) (chiller filter)
Dispensing height (inch)		12.75
Weight		73 lbs 3 lbs (chiller filter)
Chilled water flow rate (l/min)		2
Max. power consumption (W)		565
Drip tray		Integrated
Water types		Chilled still and chilled sparkling
Waste water connection		Not required
Voltage (V)		110-120V
Frequency (Hz)		50
Max. current (A)		5.1
CO <sub>2</sub> operating pressure (MPa / bar)		0.45-0.5
Max. inlet water pressure (MPa / bar)		0.25-0.4 / 2.5-4
Max. inlet water temperature (°C)		25
Max. humidity (%)		60
Refrigerant	Type	R134a
	kg	0.095

