



CF-1522 Beverage Dispensers

Installation, Use & Care Manual

This manual is updated as new information and models are released.
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Section 2

Installation Instructions

General System Overview

These instructions are provided to assist the qualified installer. Contact your Manitowoc Beverage Equipment Service Agent or call Manitowoc Beverage Equipment for information regarding start-up services.

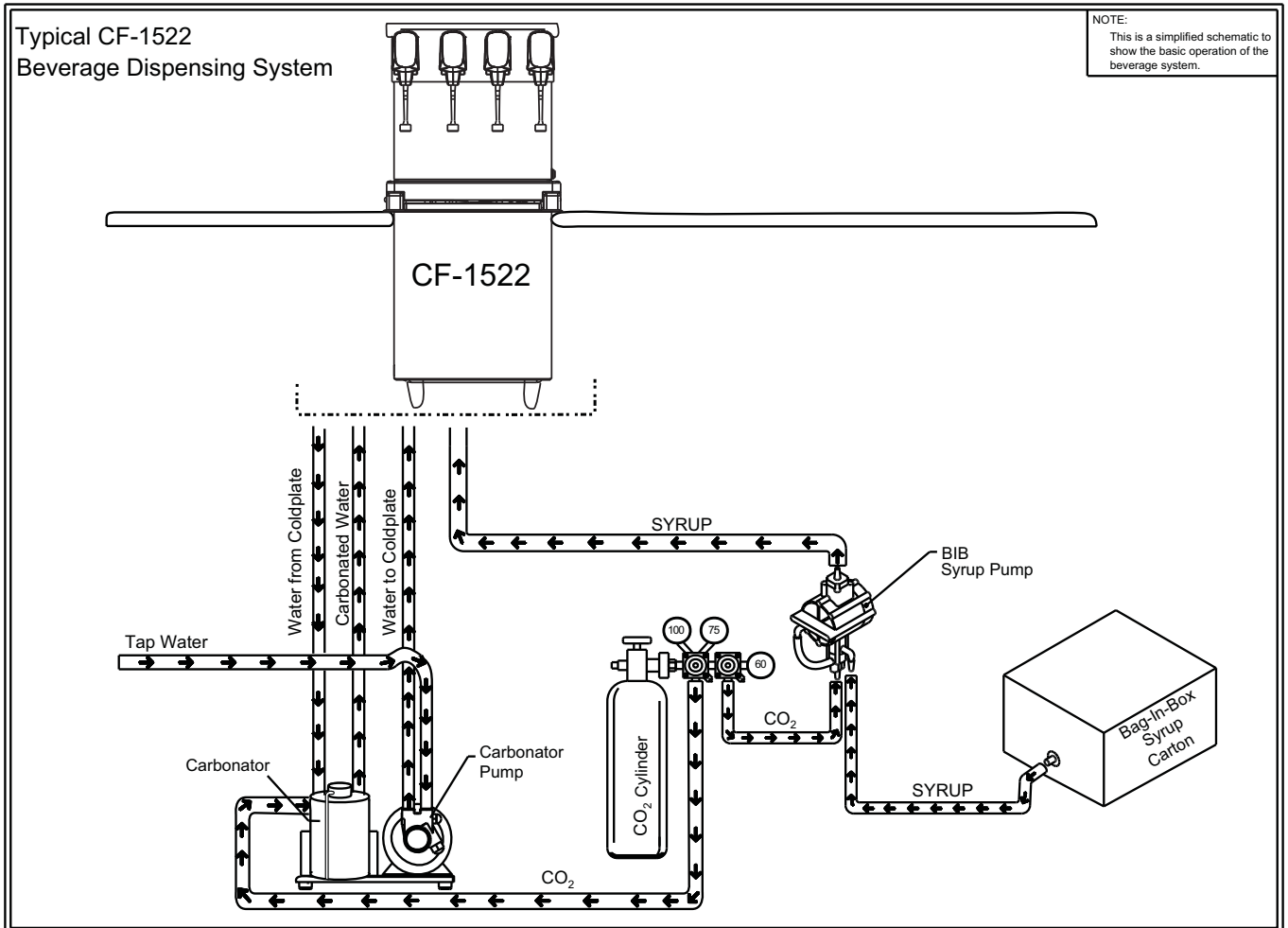
Important

Failure to follow these installation guidelines may affect warranty coverage.

The carbonator in the post-mix system normally has two inlet and one outlet connection. One inlet connects to the CO₂ inlet. The other inlet connects the municipal water supply. The outlet carries the carbonated water to the cold plate inlets at the unit. The outlet of the syrup

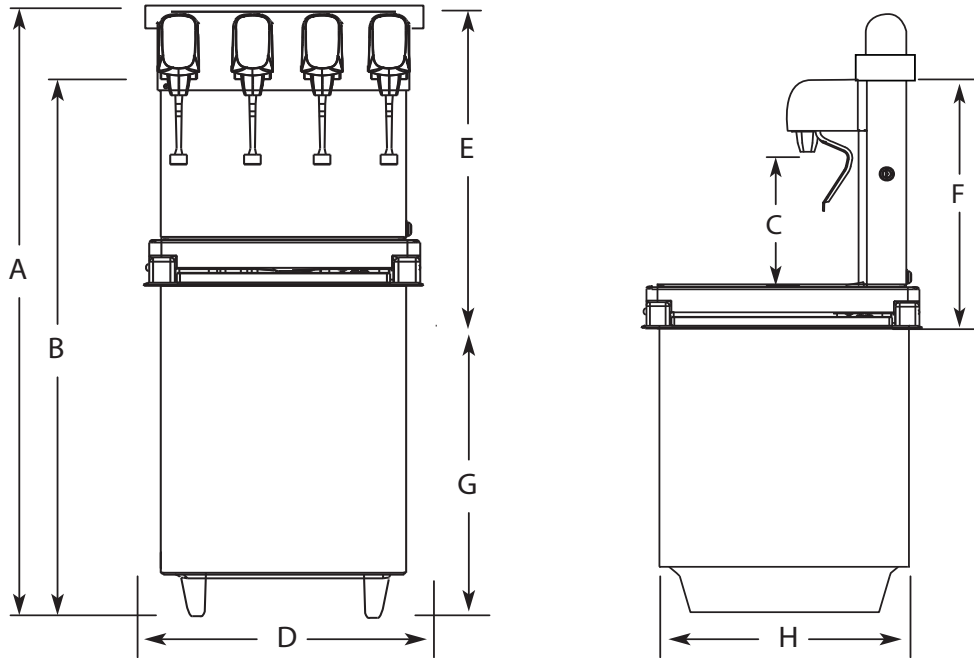
supply connects to the appropriate coldplate syrup inlet fitting. The syrup flows through the coldplate to be chilled on its way to the valves. The water flows through the coldplate chilling the plain and carbonated water on its way to the valves. When both fluids leave the beverage valve they are mixed in the nozzle of the valve. Out comes a properly cooled, proper ratio soft drink.

When starting a new beverage system of either type, be sure the electrically operated valves are turned off. Assure all connections are made, turn the water supply on to the dispenser. Open CO₂ tank valve and set all pressures. Place ice on the coldplate and allow the coldplate to cool. After the beverage has achieved a 40°F temperature, the ratio of the product (brix) on a postmix system may then be set.



Typical CF-1522 Beverage Dispensing System

Unit Dimensions



MODEL	A	B	C*	D	E	F	G	H
CF-1522	44.38" (112.8 cm)	38.38" (97.5cm)	9.50" (24.2 cm)	15.00" (38.2 cm)	N/A	16.38" (42.8cm)	22.00" (55.9cm)	22.00" (55.9 cm)

Location

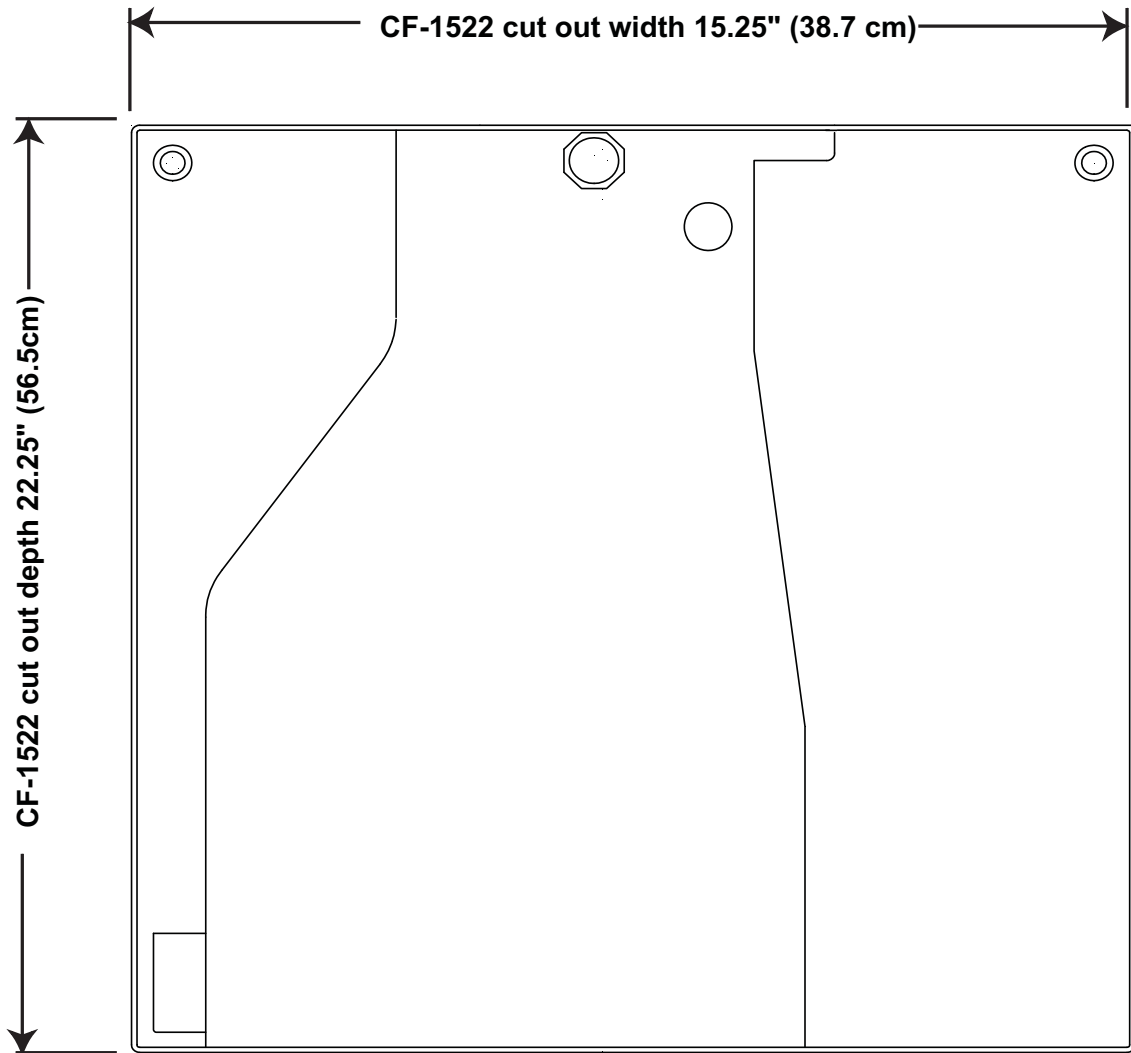
Avoid placing the dispenser near heat sources such as radiators, ovens, refrigeration equipment and direct sunlight.

⚠ Caution

Cutting the countertop may decrease its strength. Counter should be braced to support the dispenser countertop weight plus ice storage capacity and weight of icemaker, if applicable.

Footprints


CF-1522



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Electrical

GENERAL

 **Warning**
All wiring must conform to local, state and national codes.

MINIMUM CIRCUIT AMPACITY

The minimum circuit ampacity is used to help select the wire size of the electrical supply. (Minimum circuit ampacity is not the beverage/ice machine’s running amp load.) The wire size (or gauge) is also dependent upon location, materials used, length of run, etc., so it must be determined by a qualified electrician.

ELECTRICAL REQUIREMENTS

Refer to Machine Model/Serial Plate for voltage/ amperage specifications.

VOLTAGE

The standard voltage for CF-1522 dispensers is 120VAC-60Hz 1 Ph. A power cord is provided with 120VAC-60Hz models only. 220/240 Volts - 50 Hz - 1 Ph, 208/230 Volts - 60 Hz - 1 Ph are also available.

MINIMUM CIRCUIT AMPERAGE CHART


Dispenser	Voltage/Cycle	Circuit Amps
CF-1522	120/60	2.4

Optimum Ambient Conditions are between 50°F and 95°F (10°C and 35°C).

Important


Due to continuous improvements, this information is for reference only. Please refer to the dispenser serial number tag to verify electrical data. Serial tag information overrides information listed on this page.

Grounding Instructions

 **Warning**

Risk of electrical shock. Connect to a properly grounded outlet only.

This appliance must be grounded. In the event of malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

 **Warning**

Improper connection of the equipment-grounding conductor can result in a risk of electric shock. The conductor with insulation having an outer surface that is green with or without yellow stripes is the equipment grounding conductor. If repair or replacement of the cord or plug is necessary, do not connect the equipment-grounding conductor to a live terminal. Check with a qualified electrician or serviceman if the grounding instructions are not completely understood, or if in doubt as to whether the appliance is properly grounded. Do not modify the plug provided with the appliance — if it will not fit the outlet, have a proper outlet installed by a qualified electrician.



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Continuing product improvements
may necessitate change of
specifications without notice.
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