Glastender®

A family company manufacturing in the USA

www.glastender.com

Project: _____	AIA#
Item #: _____ Qty: _____	SIS#
Model #: _____	

Coolers, One Zone, Remote, Bar Profile

C1RB	C1RB24, C1RB40, C1RB48, C1RB60, C1RB72, C1RB80, C1RB96

C1RB48
Stainless steel doors, and top

Configuration Highlights

Intertek 4004503

Intertek

4004503
Conforms to NSF/ANSI STD 7
and UL STD 471
Certified to CSA STD C22.2 No. 120
Listed to NSF Standard 7 for open
food as a storage refrigerator

Standard Features

- Remote refrigeration
- Stainless steel interior
- Locking door(s)
- LED interior lighting
- Heated mullion to minimize condensation
- Stainless steel evaporator housing with separate removable evaporator drain pan

Configurable Options

Temperature:
- Beer/Food - 34°F to 40°F
- White wine - 50°F to 55°F
- Red wine - 60°F to 65°F

Expansion Valve Type:
- R134a/R513A
- R404A/R422A
- R448A/R452A
- R449A
- R407A R407F
- R445A/R450A

Refrigeration Hook-Up Location:
- Left or Right

Door Style & Finish:
- Black vinyl-clad
- Stainless steel
- Jeweled stainless
- Laminated
- Unlaminated
- Glass, black vinyl-clad
- Glass, stainless steel
- Glass, jeweled stainless
- Glass, laminated

Door Hinge Location (specify for each door)**:**
- Left or Right

Door Handle:
- Signature
- Pull-tab
- Tube

Shelving (specify per door section)**:**
- Three adjustable, coated-wire shelves
- Keg rack
- One upright and three horizontal storage pull-out wine shelf combination

Top Style:
- No finished top
- Stainless top
- Laminated top

Left and Right Side Finish:
- Black vinyl-clad
- Stainless steel
- Laminated

Back Finish:
- Galvanized steel
- Stainless steel

LED Lighting Style:
- Bright white (7,000k)
- Warm white (3,500k)
- Amber (2,700k)
- Blue

See page 5 for direct draw draft beverage towers and accessories

Glastender, Inc. • 5400 N Michigan Rd • Saginaw, MI • 48604-9780
989.752.4275 • 800.748.0423 • Fax 989.752.4444
www.glastender.com

Approval/Notes:

Specifications subject to change without notice. For current specifications please visit our website.

Coolers - One Zone, Remote, Bar Profile

Specifications

		C1RB24	C1RB40	C1RB48	C1RB60	C1RB72	C1RB80	C1RB96
Dimensions	Length	24”	40”	48”	60”	72”	80”	96”
	Number of Sections	1	2	2	3	3	4	4
	Door Opening	20”	16”	20”	16”	20”	16”	20”
Electrical	Electrical Supply	120V, 1 phase, 60 Hz, dedicated 15A circuit required						
	Full Load Amps	1.5						
	Plug Type	No plug, hard wire connection						
Refrigeration	Refrigerant	As specified						
	Compressor	N/A						
	System Capacity Requirements	800 BTUH	1100 BTUH	1200 BTUH	1400 BTUH	1500 BTUH	1700 BTUH	1900 BTUH
Plumbing		Drains via a supplied length of six foot 1/2” ID by 5/8” OD vinyl tubing via available knock-out holes, connection made in field						
Weight Bearing Capacity		Countertops and other accessories should not exceed 500 pounds per door						

Electrical

- 14 gauge wire connection is made inside the cooler next to evaporator housing - interior access is through one of the 3/4” side knock-out holes (electrician’s choice)

Materials

- Stainless steel parts include: exterior sub-top, interior, front of cabinet, hinges, hinge and lock brackets, and optional legs
- Black vinyl-clad steel parts include: standard sides, doors and compressor cover
- Galvanized steel parts include: back and bottom
- Zinc plated CR steel parts include: leg sockets

Refrigeration

- Expansion valve & temperature control included; specify type when ordering
- BTU/hr design loads are figured assuming 85° F ambient, 15° F evaporator temperature, all glass doors, maximum internal loading, and average compressor cycling, no solar heat gain has been accounted for

Capacities

	C1RB24	C1RB40	C1RB48	C1RB60	C1RB72	C1RB80	C1RB96
12 oz. bottles, cases	8.0	12.3	16.2	19.9	25.9	27.7	35.7
750ml wine bottles	60	126	152	216	256	294	354
1/2 barrel kegs	1	N/A	2	N/A	4	N/A	5
1/6 barrel kegs	2	6	7	10	11	14	17
Capacity values below are per door/drawer section (750ml wine bottles)							
Drawers	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Upright pull-out	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Horizontal pull-out	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Combination pull-out	50	36	50	36	50	36	50

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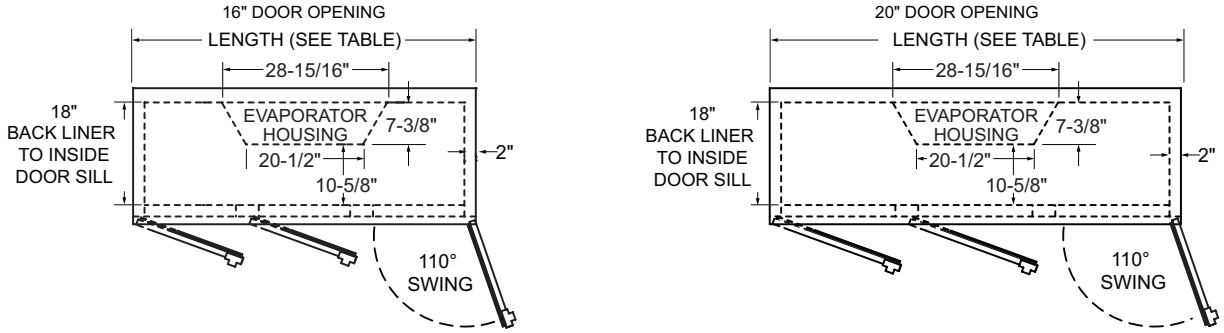
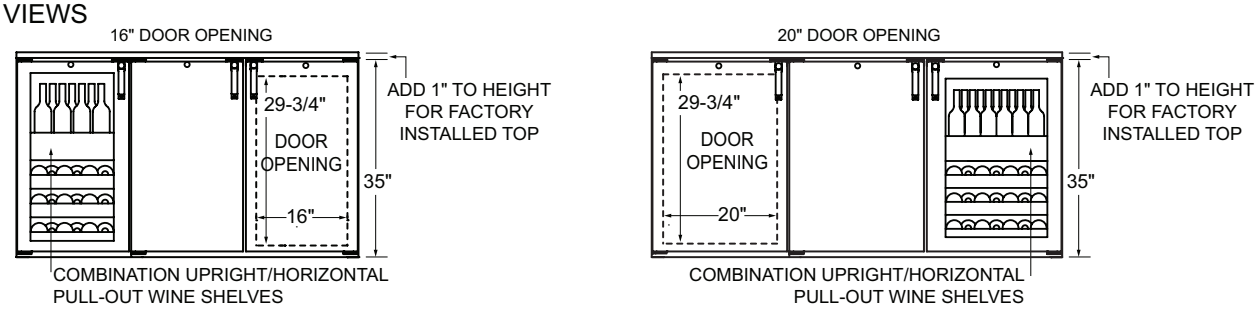
Coolers - One Zone, Remote, Bar Profile

Drawings

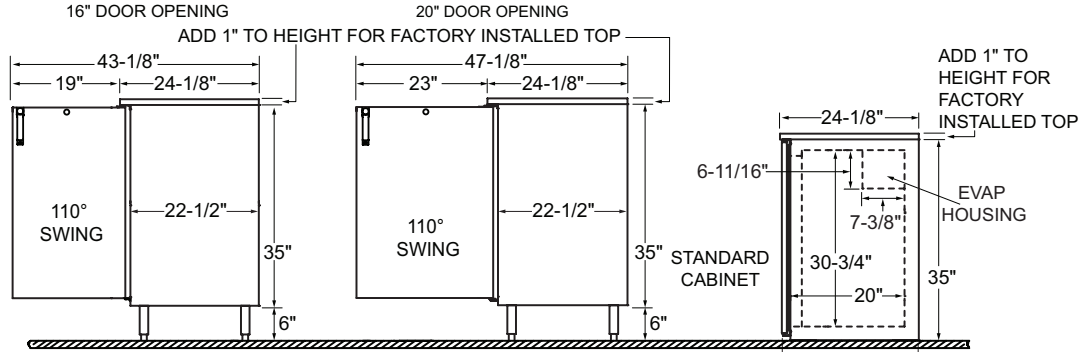
PLAN VIEWS



FRONT VIEWS



SIDE VIEWS



OPTIONAL LEGS

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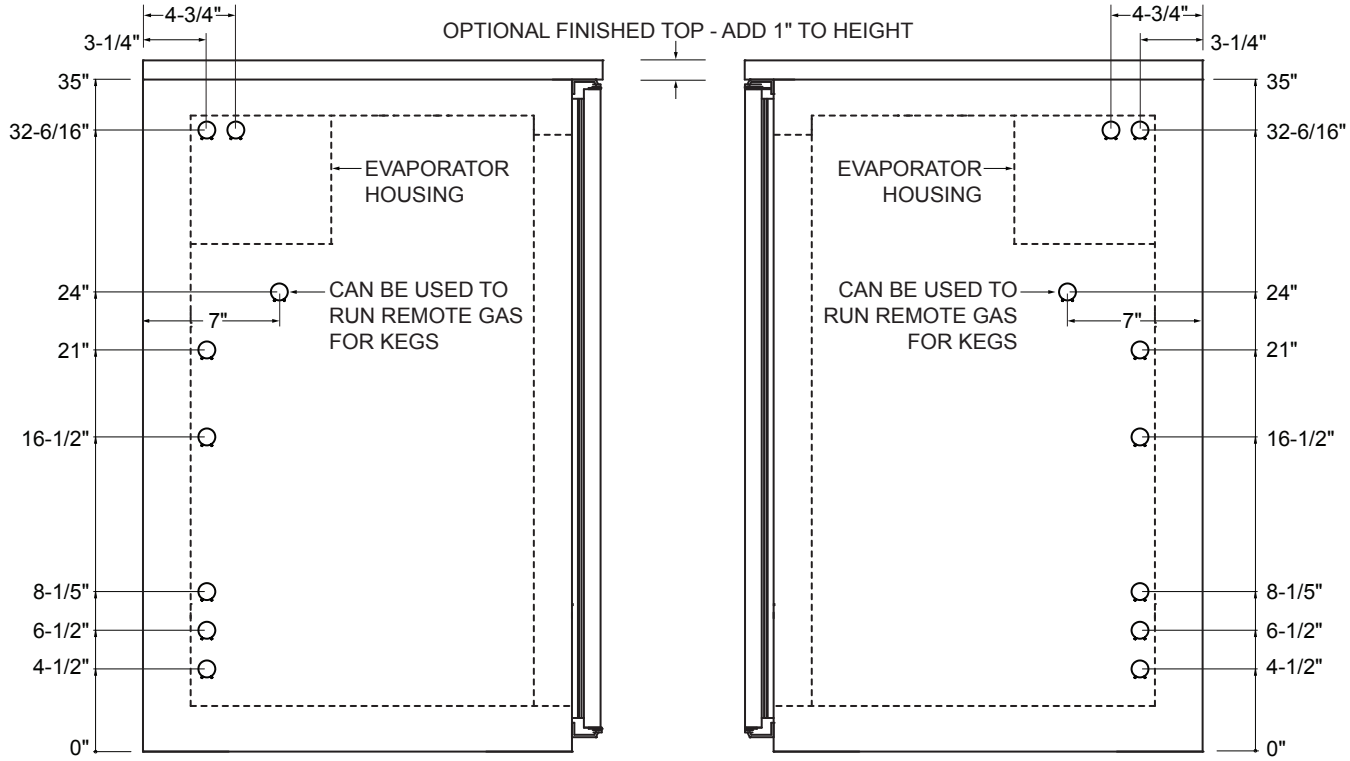
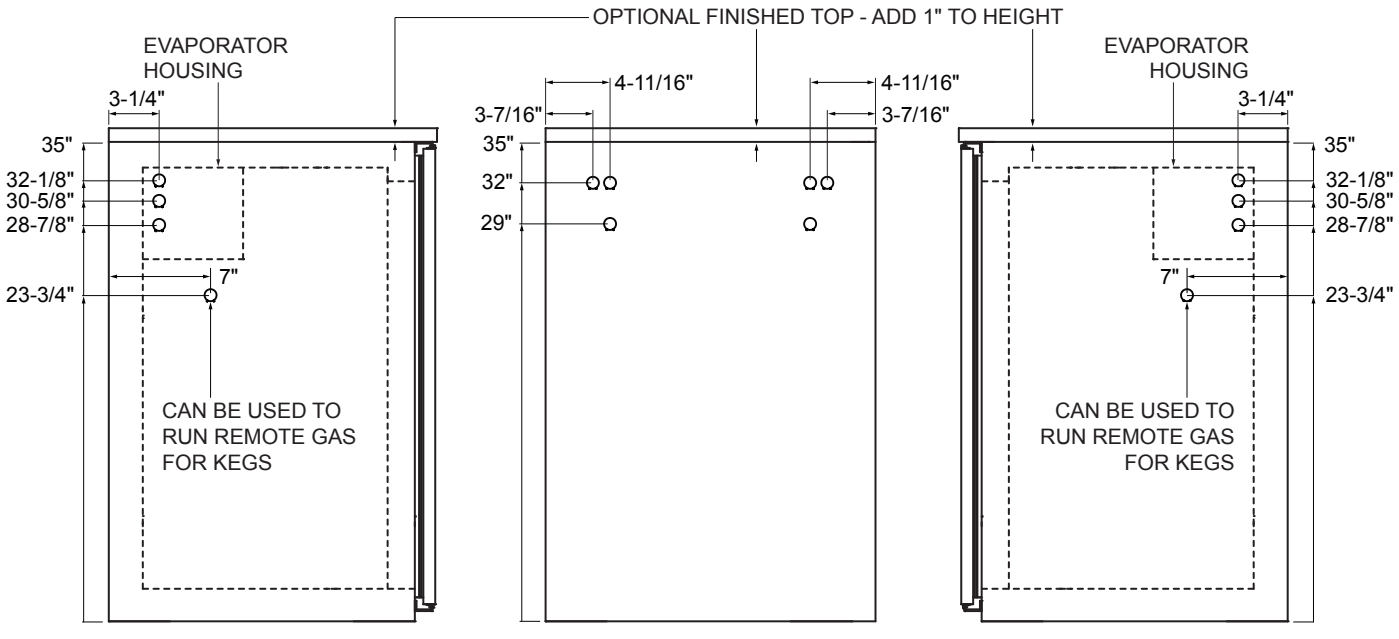
Refrigeration, Plumbing, and Electrical Access Locations

Knockout holes will appear on the side (and back of C1RB24) specified for refrigeration hook-up. The series of knockouts from top to bottom allow installation flexibility to run refrigeration lines, electrical, and drain lines in various locations. There are line covers provided on the interior of the box to cover the lines.



Left Side - C1RB40, 48, 60, 72, 80, 96

Right Side - C1RB40, 48, 60, 72, 80, 96



Left Side - C1RB24

Back - C1RB24

Right Side - C1RB24

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Configuring Bar Profile Coolers for Draft Beverage Dispensing

All Glastender bar profile coolers can be configured for draft beverage dispensing. Please note that a minimum 17" wide door opening is required for full size (i.e., 16" diameter) 1/2 barrel kegs. Refer to the capacity statements in the Product Directory or Specification Sheet for the sizes and quantities of kegs each unit will hold.

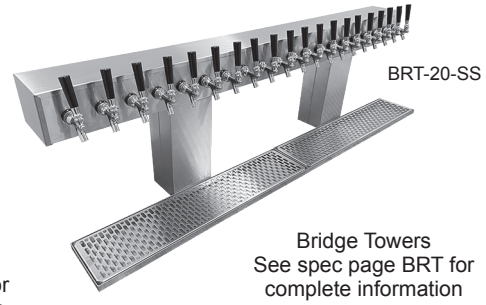
Direct Draw Draft Beverage Towers

Glastender Beverage Towers come standard with the stainless steel faucets and shanks necessary to dispense keg beer, wine, soda, coffee, or cocktails. See individual spec pages for complete information.

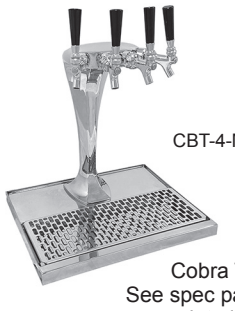
Look for the Draft Beer Compatible logo

Column Towers
See spec page CT for complete information

Tee Towers
See spec page BT for complete information



Bridge Towers
See spec page BRT for complete information



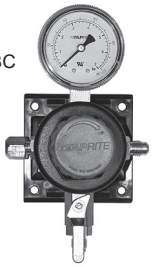
Cobra Towers
See spec page CBT for complete information

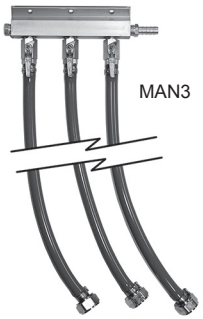
Tower Cooling Kits

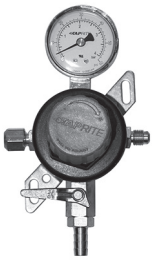
Direct draw beverage towers are chilled by air from inside the host cooler. This is especially important for draft beer, as warm faucets cause the beer to foam.

Tower Cooling Kits

Model	Description	Wgt
TCK12-1	For 1 & 2-door coolers w/ one tower column	3#
TCK12-2	For 1 & 2-door coolers w/ two tower columns	6#
TCK34-1	For 3 & 4-door coolers w/ one tower column	8#
TCK34-2	For 3 & 4-door coolers w/ two tower columns	11#
TCKR-1	For remote coolers w/ one tower column	3#
TCKR-2	For remote coolers w/ two tower columns	6#







Primary Regulator Kits

Primary regulators are used to step down the CO_2 or nitrogen pressure from the main source. A tank mount CO_2 primary regulator attaches directly to the CO_2 tank. A bulk or in-line CO_2 primary regulator is used to splice into a CO_2 line when the CO_2 tank is shared by more than one system. A tank mount nitrogen primary regulator is used with pre-blended nitrogen and CO_2 or pure nitrogen gas. Each primary regulator kit includes 50 feet of nylon braided hose.

Model	Description	Wgt
PRK-TC	Tank mount CO_2 primary regulator kit	15#
PRK-BC	Bulk CO_2 primary regulator kit	15#
PRK-TN	Tank mount nitrogen primary regulator kit	15#

Secondary Regulator Kits

The REG-CO2-LP1 secondary regulator kit is normally mounted inside the direct draw cooler and connects to the gas line coming from the externally mounted primary regulator. For installations with more than one keg on tap, also order the appropriate manifold kit(s). When no external source of CO_2 is available, a 5 pound CO_2 cylinder may be stored inside the cooler, which will require the REG-CO2-HP regulator. A manifold kit will also be required if there is more than one keg on tap.

Model	Description	Wgt
REG-CO2-LP1	Secondary regulator kit	7#
REG-CO2-HP	Primary regulator kit for use with 5# CO_2 tank	7#
MAN2	Two product manifold kit	2#
MAN3	Three product manifold kit	3#
MAN4	Four product manifold kit	4#
MAN5	Five product manifold kit	5#
MAN6	Six product manifold kit	6#

Additional Accessories

Model	Description	Wgt
03004240	1/2″ ID black drain line, per foot	N/A
05000400	5/16″ ID red vinyl air line, per foot	N/A
05000386	1/4″ ID nylon braided air line, per foot	N/A
05001066	Sanke keg tap, stainless steel probe	2#
05001026	Sanke keg tap, low profile	2#
05002019	U system keg coupler w/ss probe for Guinness and Harp	2#
05000368	Lock for beer faucet	2#
05000636	5# CO_2 tank (unfilled)	15#
LCK	Line cleaning kit	
06007084	Drain bottle	

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