Glastender®

A family company manufacturing in the USA

www.glastender.com

Coolers
One Zone, Remote,
Low Profile

C1RL	C1RL24, C1RL40, C1RL48, C1RL60, C1RL72, C1RL80, C1RL96

C1RL48
stainless door, and top

CONFIGURATION HIGHLIGHT

DOORS IN NINE FINISHES

ETL LISTED c us Intertek

ETL SANITATION LISTED 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 doors
- 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 *(specify per door section)*:
- 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)*:
- Two adjustable, coated-wire shelves
- One upright and two horizontal storage pull-out wine shelf combination

Top Style:
- No finished top
- Stainless top

4" High Stainless Splashes *(can only be ordered with stainless top)*:
- None
- Backsplash
- Left side splash
- Right side splash

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

Back Finish:
- Galvanized steel
- Stainless steel

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

Approval/Notes:

Coolers - One Zone, Remote, Low Profile

Specifications

		C1RL24	C1RL40	C1RL48	C1RL60	C1RL72	C1RL80	C1RL96
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	700 BTUH	1000 BTUH	1100 BTUH	1300 BTUH	1400 BTUH	1600 BTUH	1800 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

	C1RL24	C1RL40	C1RL48	C1RL60	C1RL72	C1RL80	C1RL96
12 oz. bottles, cases	4.3	8.2	10.3	12.8	16.8	18.0	23.3
750ml wine bottles	36	72	84	120	132	166	180
1/2 barrel kegs	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1/6 barrel kegs	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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	42	30	42	30	42	30	42

Coolers - One Zone, Remote, Low Profile

Drawings

PLAN VIEWS

16" DOOR OPENING
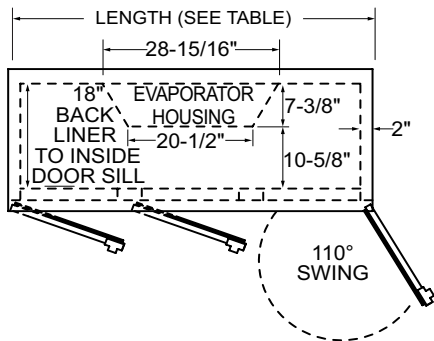
LENGTH (SEE TABLE)
28-15/16"
18" BACK LINER TO INSIDE DOOR SILL
EVAPORATOR HOUSING
20-1/2"
7-3/8"
10-5/8"
2"
110° SWING

20" DOOR OPENING
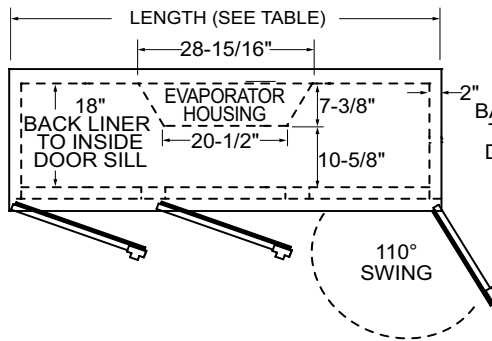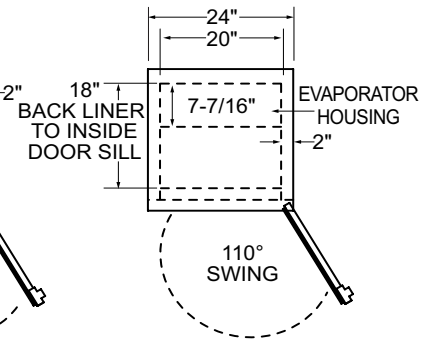
LENGTH (SEE TABLE)
28-15/16"
18" BACK LINER TO INSIDE DOOR SILL
EVAPORATOR HOUSING
20-1/2"
7-3/8"
10-5/8"
2"
110° SWING

C1RL24
24"
20"
18" BACK LINER TO INSIDE DOOR SILL
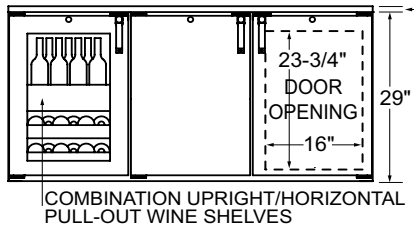7-7/16"
EVAPORATOR HOUSING
2"
110° SWING

FRONT VIEWS

16" DOOR OPENING

ADD 1" TO HEIGHT FOR FACTORY INSTALLED TOP
23-3/4" DOOR OPENING
29"
16"
COMBINATION UPRIGHT/HORIZONTAL PULL-OUT WINE SHELVES

20" DOOR OPENING

ADD 1" TO HEIGHT FOR FACTORY INSTALLED TOP
23-3/4" DOOR OPENING
20"
29"
COMBINATION UPRIGHT/HORIZONTAL PULL-OUT WINE SHELVES

23-3/4" DOOR OPENING
29"
20"
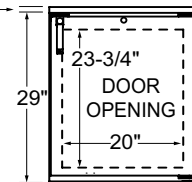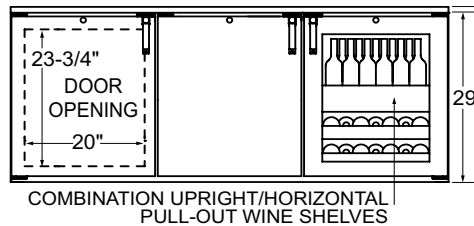
SIDE VIEWS

16" DOOR OPENING

ADD 1" TO HEIGHT FOR FACTORY INSTALLED TOP
43-1/8"
19"
24-1/8"
110° SWING
22-1/2"
29"
6"

20" DOOR OPENING

ADD 1" TO HEIGHT FOR FACTORY INSTALLED TOP
47-1/8"
23"
24-1/8"
110° SWING
22-1/2"
29"
6"
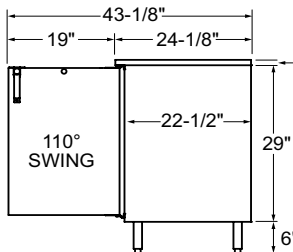
MODELS SHOWN WITH OPTIONAL 6" LEGS

STANDARD CABINETS

ADD 1" TO HEIGHT FOR FACTORY INSTALLED TOP
24-1/8"
6-11/16"
EVAPORATOR HOUSING
7-3/8"
20-1/4"
24-3/4"
29"
24"

OPTIONAL LEGS

6" to 7-1/4"
6" LEG

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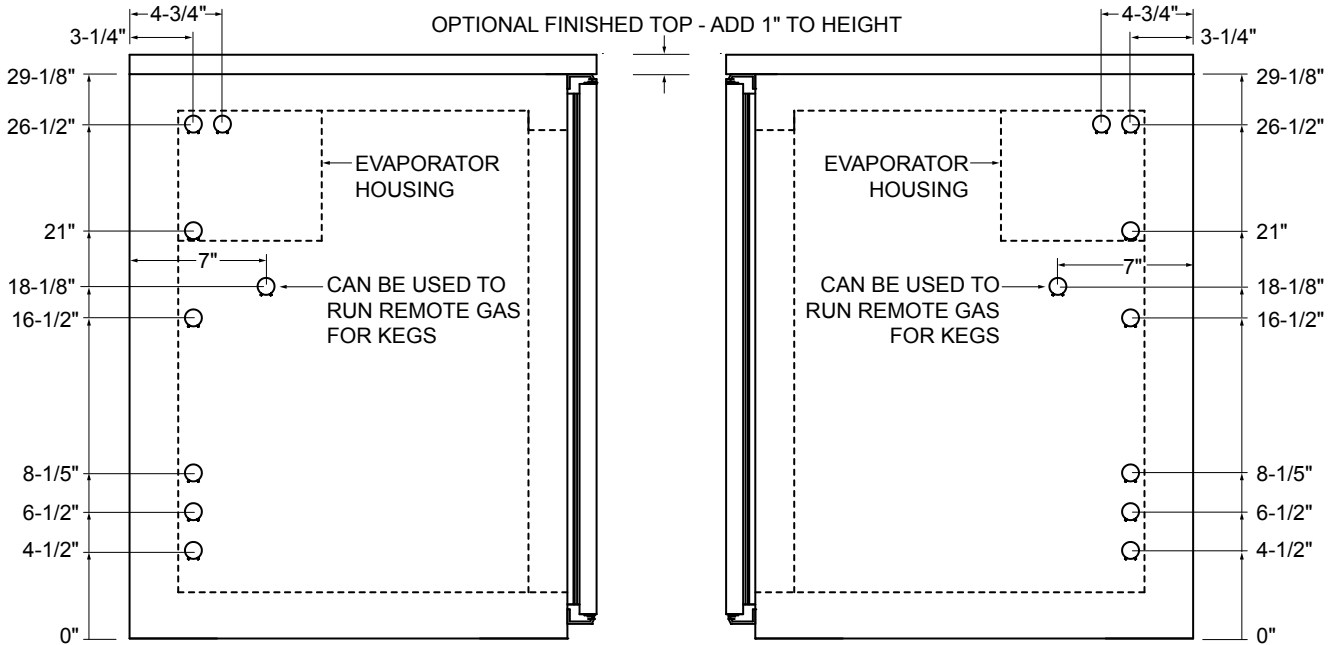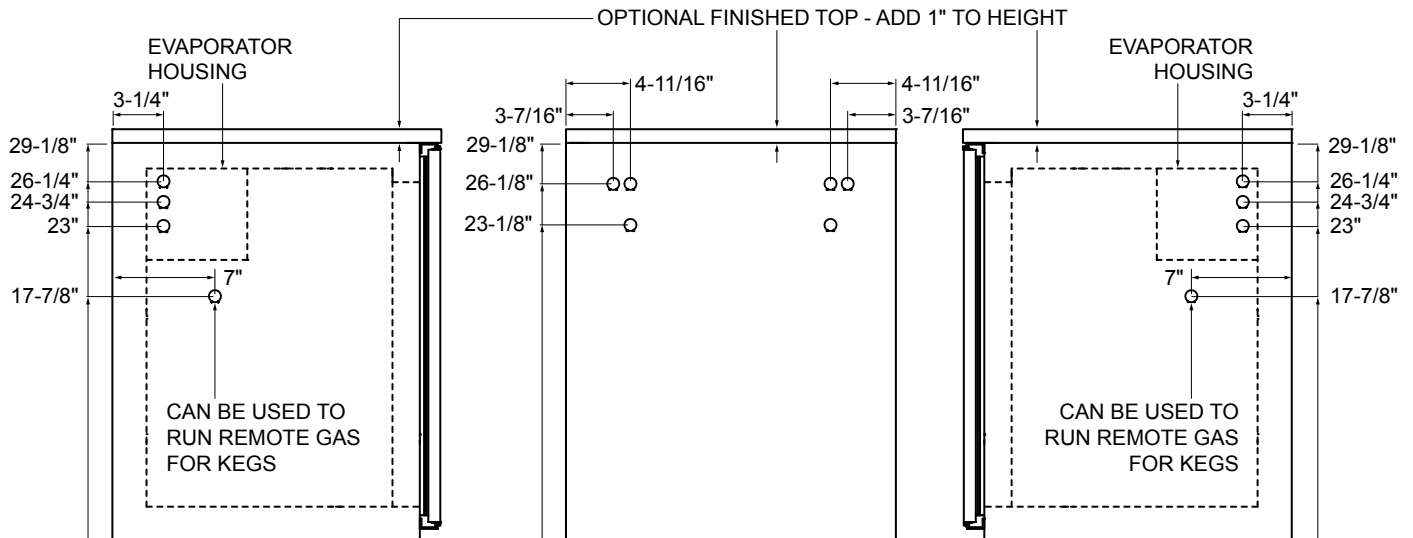
Refrigeration, Plumbing, and Electrical Access Locations

Knockout holes will appear on the side (and back of C1RL24) 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.

OPTIONAL FINISHED TOP - ADD 1" TO HEIGHT

4-3/4"
3-1/4"
29-1/8"
26-1/2"
EVAPORATOR HOUSING
21"
7"
18-1/8" — CAN BE USED TO RUN REMOTE GAS FOR KEGS
16-1/2"
8-1/5"
6-1/2"
4-1/2"
0"

Left Side - C1RL40, 48, 60, 72, 80, 96

4-3/4"
3-1/4"
29-1/8"
26-1/2"
EVAPORATOR HOUSING
21"
7"
CAN BE USED TO RUN REMOTE GAS FOR KEGS — 18-1/8"
16-1/2"
8-1/5"
6-1/2"
4-1/2"
0"

Right Side - C1RL40, 48, 60, 72, 80, 96

EVAPORATOR HOUSING
3-1/4"
29-1/8"
26-1/4"
24-3/4"
23"
7"
17-7/8"
CAN BE USED TO RUN REMOTE GAS FOR KEGS

Left Side - C1RL24

OPTIONAL FINISHED TOP - ADD 1" TO HEIGHT

4-11/16"
3-7/16"
4-11/16"
3-7/16"
29-1/8"
26-1/8"
23-1/8"

Back - C1RL24

EVAPORATOR HOUSING
3-1/4"
29-1/8"
26-1/4"
24-3/4"
23"
7"
17-7/8"
CAN BE USED TO RUN REMOTE GAS FOR KEGS

Right Side - C1RL24

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