

Quiet, Wine Cabinet Evaporator

Air Defrost - 2,513 to 5,076 BTUH Capacity

Application - External cooling unit for wine walls/cabinets, tobacco humidors or fur storage cabinets

Extremely Quiet Unit

LRC's Cabinet Top External (CTE) Evaporators are small units designed for medium to large size humidity controlled spaces such as wine cabinets/walls, fur cabinets and tobacco humidors. CTE units can be installed horizontally or vertically outside the cabinet to maximize storage capacity.

CTE Evaporators are available in capacities from 2,513 to 5,076 BTU/hour and can be used with R22, R134a, or R404a refrigerants. Chilled water models are available by special order.

- Very low noise
- Provides consistent humidity by maintaining a steady coil temperature, reducing the need for expensive temperature and humidity controls in most applications*.
- Extra insulation prevents sweating at higher ambient room temperatures
- Rust-proof aluminum housing with flat black powder coated finish. Other colors available.
- Constant pressure expansion valve standard
- Thermally protected, PSC motorized impeller
- High performance staggered coils with copper tubing mechanically expanded into aluminum fins
- Each unit pressure tested to eliminate leaks
- Factory wired for easy field installation



CTE Units can be installed vertically or horizontally.

- Coil and drain pan dipped and baked with LRCCoat™ anticorrosion coating

Options Available— Call for details

- Copper coils and/or stainless steel cabinets available for special applications
- Chilled water coils available
- Pre-charged, custom or OEM units can be made to order

Our Application Engineers can help you design the system you need. Call us today, 562-944-1969, and we'll help you get the right LRC product for your project.

OUR UNCONDITIONAL GUARANTEE

We're proud of the workmanship that goes into every LRC product. Because of our exacting design and manufacturing standards, and our thorough testing prior to shipping, we unconditionally guarantee our products to be free from manufacturing defects for one year. You can count on LRC Coil for quality heat transfer products.

Visit www.LRCCoil.com for installation and maintenance data, and wiring diagrams.

At LRC, we are continuously working to improve our products, therefore, we reserve the right to make changes without notice.

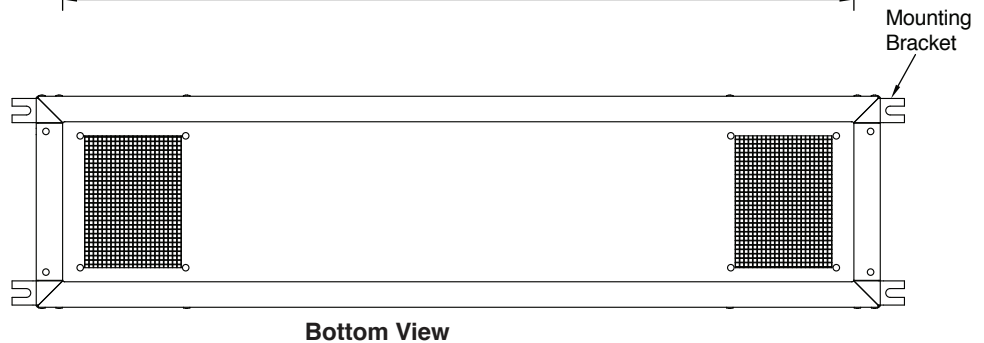
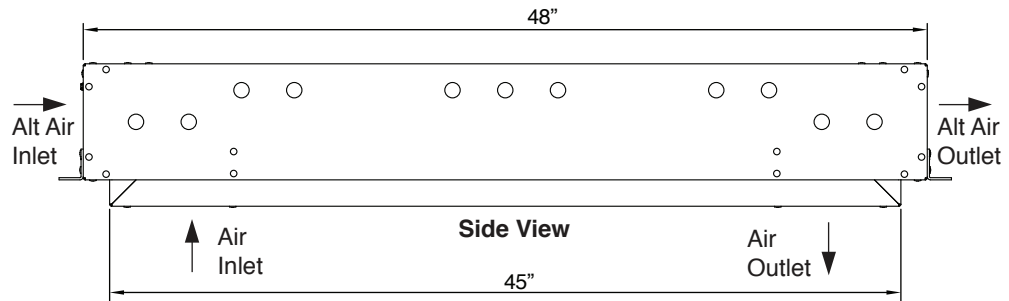
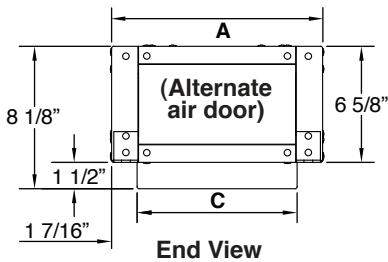
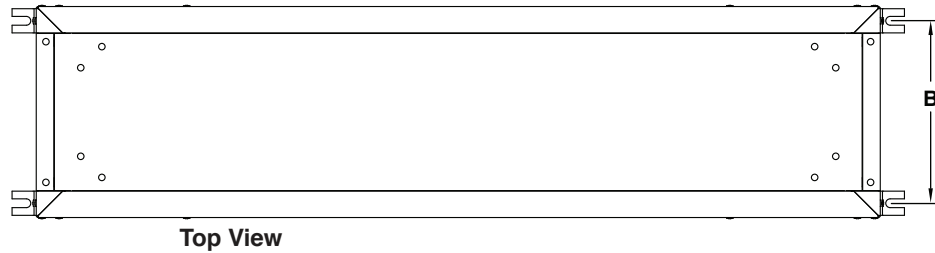
© LRC Coil Company 2015

* = Assumes areas surrounding the humidity controlled room are maintained to ASHRAE conditions of 80°/67°. For humidity controlled rooms with different surrounding conditions, please contact LRC.

LRC Cabinet Top External Evaporator (CTE)

All measurements are in inches.

Our Application Engineers can help you design the system you need. Call us today, 562-944-1969, and we'll help you get the right LRC product for your project.



Note: See unit interface control drawing for mounting dimensions.

Our website has a Wine Room Capacity Calculator that instantly determines room loads and capacities, enabling you to know cooling equipment requirements based on your exact specifications. Visit LRCCoil.com for details.

CTE (Cabinet Top External Unit) Specifications

Model No.	Max CFM	Amps	Motor	Dimensions						BTUH Cap. @ 17° TD		Unit Wt.
				A	B	C	MPT Drain	Liq.	Suct.	38° ST, 55° Room R134a	R404a	
CTE-25	220	0.71	75W	12	10 3/8	9 1/8	1/2	3/8	3/8	2,513	2,543	34
CTE-35	260	0.71	75W	12	10 3/8	9 1/8	1/2	3/8	3/8	3,522	3,547	35
CTE-50	335	0.77	75W	24	22 3/8	21 1/8	1/2	3/8	1/2	5,032	5,076	63

Constant pressure expansion valve standard

Please note:

LRC cooling units are designed to minimize noise and vibration. To reduce/eliminate amplification of existing noise or vibration, extreme care must be taken during installation. Please refer to supplied installation instructions and use proper installation materials to minimize acoustic impact.

The use of oversized condensing units can lead to poor evaporator performance and possible system failure. When installing a LRC wine room evaporator, it is recommended that condensing units be sized LESS than or equal to the evaporator capacity. Contact LRC Coil's Application Engineers at 562-944-1969 for questions or assistance.

Visit www.LRCCoil.com for Installation and Maintenance Data and Wiring Diagrams.