

Very Quiet/Low Velocity/Energy Efficient Cooler

Air Defrost - 2,572 to 6,629 BTU/H Capacity

Application - Horizontal mounting, small to medium wine rooms

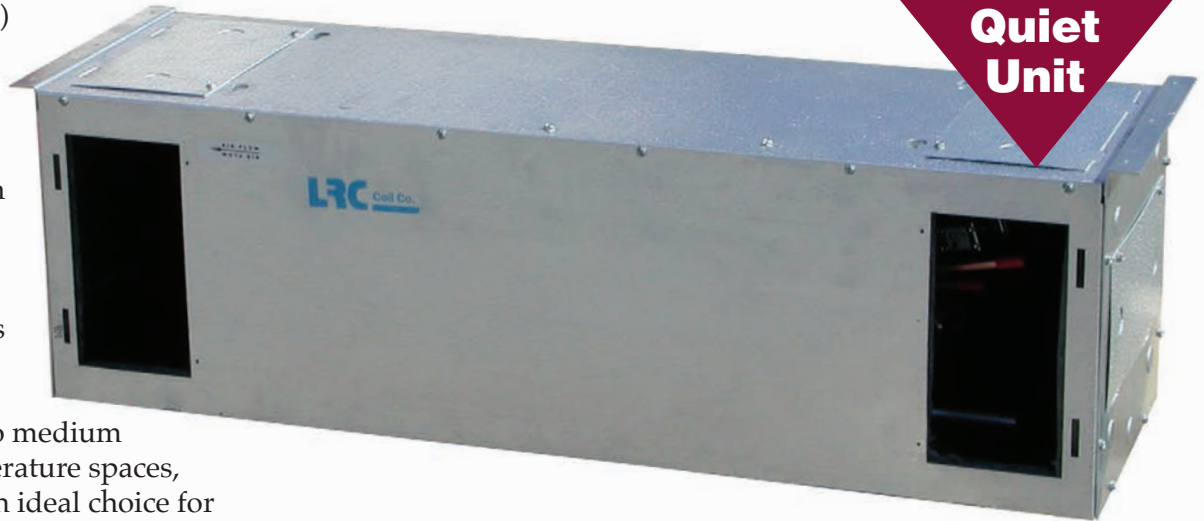
LRC's Energy Efficient Rack Mount (RM-EC) Evaporators are designed for installation inside a wine rack or between two ceiling joists. RM-EC Evaporators quietly supplies refrigerated and humidity controlled air to medium and high temperature spaces, making them an ideal choice for small to medium size wine rooms.

RM-EC Evaporator units are available in capacities from 2,572 to 6,629 BTU's per hour and can be used with R-22, R134a, R404a, or other refrigerants. Chilled water models available by special order.

RM units have multiple access doors that can be removed as needed for air intake and exhaust depending on how the unit is installed. RM-EC airflow can be adjusted through the unit to maintain room humidity within desired range.

Contact LRC's Application Engineers for more information.

- Low noise design for minimum acoustical impact
- Compact design allows unit to be inconspicuously integrated into a wine room decor
- **Energy efficient EC motors meet or exceed California energy standards**
- High performance staggered



Extremely Quiet Unit

coils, with copper tubing mechanically expanded into aluminum collared fins

- Provides consistent humidity by maintaining a steady coil temperature, reducing the need for expensive temperature and humidity controls in most applications*. Contact LRC for details.
- Insulated rust-proof aluminum housing. Flat black powder coated finish available. Call for details.
- Thermally protected motors
- Each coil pressure tested to over 380 psig for maximum system integrity
- Factory wired for easy field installation
- Expansion and liquid line solenoid valve pre-installed
- Coil coated with LRCCoat™ anticorrosion coating
- Drainpan made of non-corrosive material

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Options Available Call for details

- Pre-charged, custom or OEM units can be made to order
- Copper coils and/or stainless steel cabinets available for harsh environments

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.

* = 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 Rack Mount Energy Effic. Unit (RM-EC)

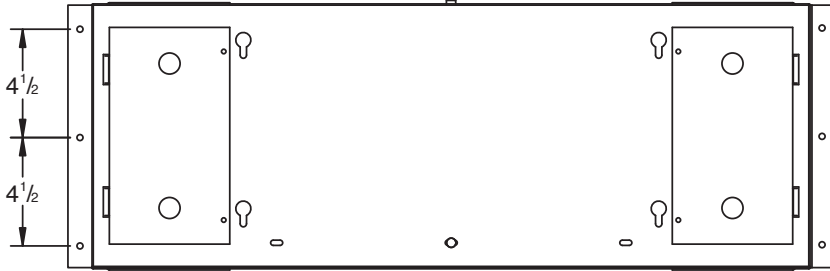
COIL COMPANY

TECHNICAL BULLETIN: RM-EC 032018 REV: B

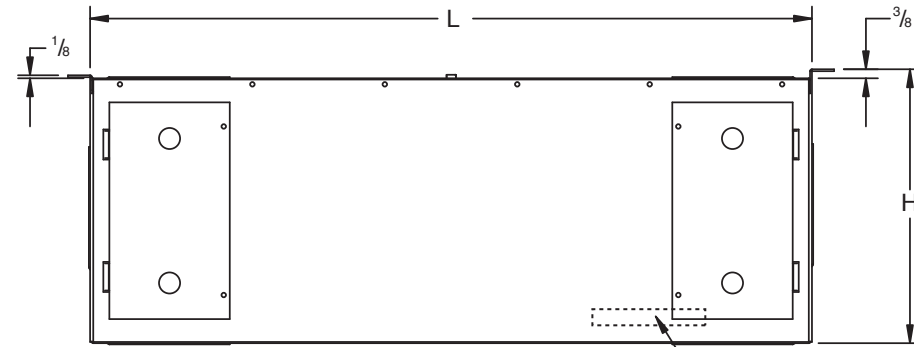
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Energy efficient EC motors meet California energy regulations for refrigeration.

All measurements are in inches.

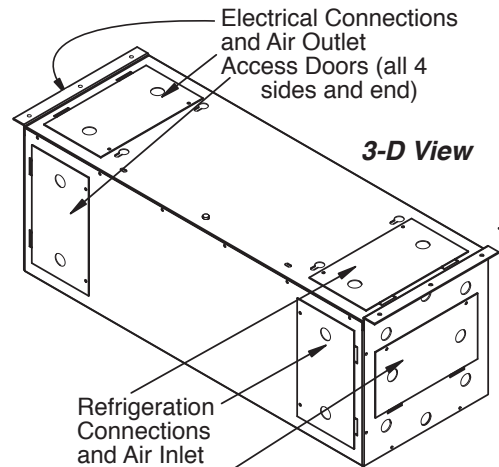


Top View

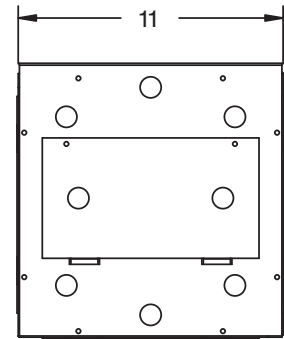


Front View

Drain stub located inside unit



3-D View



Inlet End View

Rack Mount (RM-EC) Electrical and Physical Data

Model No.	115V Amps	Impeller Qty	Height (H)	Length (L)	Connections Liq.	Connections Suct.	Unit Wt.
RM-25EC	1.25	1	11 ³ / ₈	29 ³ / ₁₆	³ / ₈	³ / ₈	26
RM-35EC	1.25	1	11 ³ / ₈	36	³ / ₈	³ / ₈	29
RM-50EC	1.25	1	14 ³ / ₈	36	³ / ₈	⁵ / ₈	35
RM-65EC	1.25	1	14 ³ / ₈	36	³ / ₈	⁵ / ₈	39

Expansion valve and liquid line solenoid valve standard
 For air flow into and out of the unit, at least one access door must be removed from each end.
 Custom configurations available; call factory for details.

Rack Mount (RM-EC) Performance Specs

Model No.	CFM	BTUH Cap. @ 17°F TD 38°SST, 55°EAT		
		R22	R134a	R404a
RM-25EC	220	2,654	2,572	2,633
RM-35EC	260	3,543	3,228	3,478
RM-50EC	335	4,996	4,550	4,723
RM-65EC	420	6,629	6,500	6,603

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 wine room 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.

- LRC recommends evaporator maintenance access is designed into every wine room installation.

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.

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.



WARNING: The only harmful routes of exposure for this product is through inhalation and ingestion of this product. THIS PRODUCT IS NOT DESIGNED OR MEANT TO BE INHALED OR INGESTED. The only route of exposure that this product is meant for is dermal exposure (skin contact). Consumers face no significant risk to chemicals that are known to the State of California to cause cancer and/or reproductive harm from dermal exposure to this product. For more information, go to www.Prop65Warning.ca.gov.