

## Quiet, Low Velocity Wine Unit Cooler

Air Defrost - 7,507 to 35,972 BTU/H Capacity

Application - Two way air flow for medium to large wine rooms

**Extremely Quiet Unit**



LRC's Quiet Wine ("Q-W") Unit Coolers provide quiet two way, low velocity air flow. Q Unit Coolers quietly supplies refrigerated and humidity controlled air to medium and high temperature spaces, making them an ideal choice for medium to large wine rooms.

Efficient and dependable, LRC's Q Wine Units have capacities ranging from 7,507 BTUH to 35,972 BTUH, and can be used with R-22, R-134a or R-404a refrigerants. Each Q Wine Unit has variable speed fan motors which can adjust the overall airflow through the unit while allowing the room humidity to be properly maintained.

- Provides consistent room humidity by maintaining a steady coil temperature, reducing the need for expensive temperature and humidity controls in most applications.\* Contact LRC for details.
- Ultra efficient, multi-speed ECM motors meet or exceed California energy standards
- Low noise/RPM, thermally protected motor(s) and quiet fan blades reduce noise

- ETL certified
- NSF approved for flush to ceiling installation
- High performance staggered coils, with tubing mechanically expanded into aluminum collared fins
- Rust proof, all aluminum cabinet. Flat black powder coated finish available. Call for details.
- Air defrosting coil requires no additional heater
- Two to four fans available for small to medium size room applications
- Coil and drain pan coated with LRCCoat™ anticorrosion coating
- Expansion and liquid line solenoid valve pre-installed

- Factory wired for easy field installation

**Options Available – Call for details**

- 230V and/or hot gas/electrical defrost options are available for applications below 34°F.
- Humidity controls available
- Copper coils and/or stainless steel cabinets available for harsh environments
- Pre-charged, custom or OEM units can be made to your order.

Contact LRC's Application Engineers for more information.

**Visit [www.lrccoil.com](http://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.

**OUR UNCONDITIONAL GUARANTEE**

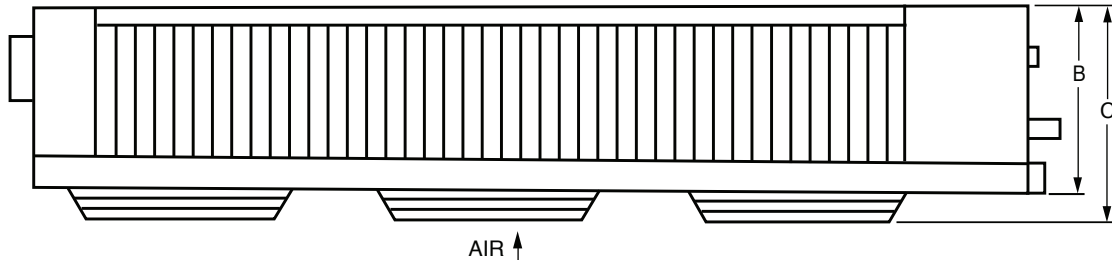
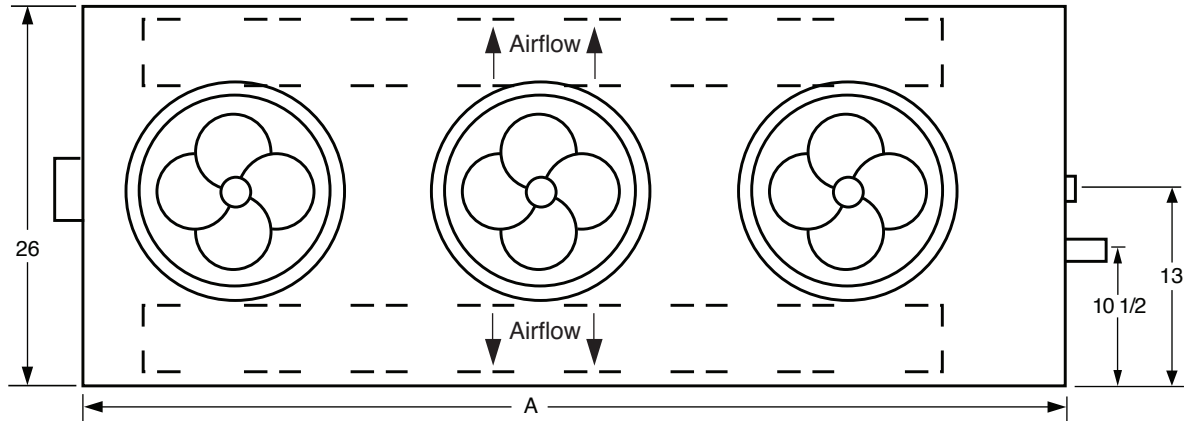
We're proud of the workmanship that goes into every LRC product. Because of our exacting design and manufacturing standards, and our thorough testing prior to shipping, we unconditionally guarantee our products to be free from manufacturing defects for one year. You can count on LRC Coil for quality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

\* = 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.



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All measurements are in inches.



### Quiet (Q) Air Defrost Wine Unit Physical Data

Model No.	Dimensions (Inches)			Connection Size (In.)			Ship Wt.
	A	B	C	Inlet	Suction	Drain	
Q-500W	52	6 3/4	9 3/8		5/8		117
Q-750W	72	6 3/4	9 3/8		7/8		137
Q-1000W	91	6 7/8	9 1/2		7/8	3/4	157
Q-1350W	91	6 7/8	9 1/2	1/2	7/8	MPT	167
Q-1640W	103	10 7/8	13 1/2		7/8		182
Q-2000W	109	10 7/8	13 1/2		1 1/8		212
Q-2600W	109	12 7/8	15 3/8		1 3/8		242

AXV and LLSV are standard.

Please contact factory, 562-944-1969, for installation/mounting dimensions.



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.

### Quiet (Q) Air Defrost Wine Unit Specifications

Model No.	Fans & Motors*	Amps @ 115V	CFM	BTUH Cap. @ 17° TD 38° SST, 55° EAT		
				R22	R134a	R404a
Q-500W	2	0.6	400	7,572	7,507	7,598
Q-750W	2	0.6	800	11,343	11,418	11,377
Q-1000W	3	0.9	943	17,275	16,886	16,960
Q-1350W	3	0.9	1,250	17,776	17,761	17,766
Q-1640W	3	0.9	1,400	25,053	24,572	24,520
Q-2000W	4	1.2	1,650	30,605	29,736	29,739
Q-2600W	4	1.2	2,000	37,030	35,960	35,972

\* = EC motor standard. Do not add speed control or motor failure could result. Motors are 22 watt.

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](http://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.

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