

## Quiet, Low Velocity Refrigeration Unit Cooler

Air Defrost - 5,020 to 26,000 BTU/H Capacity

Application - Floral boxes,  
meat cutting rooms,  
produce storage

**Extremely  
Quiet  
Unit**



LRC's Quiet ("Q") Refrigeration 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 size refrigerated rooms.

Efficient and dependable, LRC's Q Refrigeration Units have capacities ranging from 5,020 BTUH to 26,000 BTUH, and can be used with R-22, R-134a or R-404a refrigerants. Each Q Unit has variable speed fan motors which can adjust the overall airflow through the unit while allowing the room temperature to be properly maintained.

- Provides consistent room temperature 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
- NSF approved for flush to ceiling installation
- High performance staggered coils, with tubing mechanically expanded into aluminum collared fins
- Rust proof, all aluminum cabinet construction.
- Air defrosting coil requires no additional heater
- Two to four fans available for medium to large size room applications
- Coil and drain pan coated with LRCCoat™ anticorrosion coating
- ETL certified

### 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.

- 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.

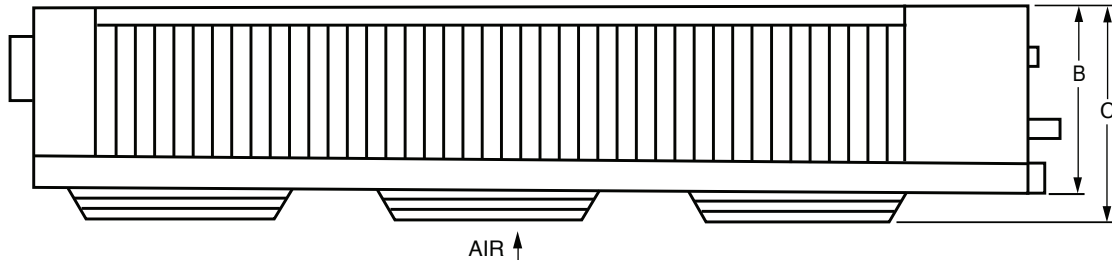
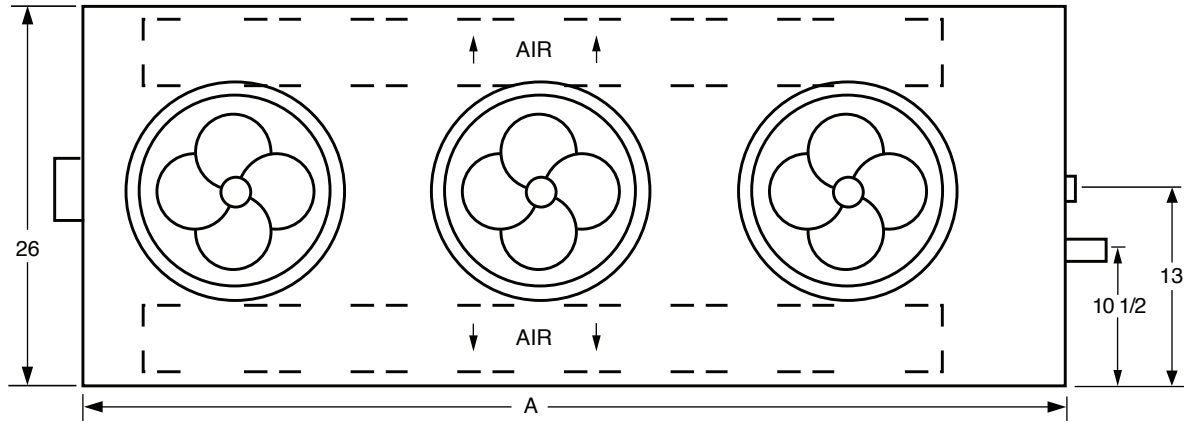
At LRC, we are continuously working to improve our products, therefore, we reserve the right to make changes without notice.



© LRC Coil Company 2015

# LRC Quiet Commercial Refrig. Unit (QCR)

All measurements are in inches.



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

Model No.	Dimensions (Inches)			Connection Size (In.)			Ship Wt.
	A	B	C	Inlet	Suction	Drain	
Q-500	52	6 3/4	9 3/8		5/8		117
Q-750	72	6 3/4	9 3/8		7/8		137
Q-1000	91	6 7/8	9 1/2		7/8		157
Q-1350	91	6 7/8	9 1/2	1/2	7/8	3/4	167
Q-1640	86	10 7/8	13 1/2		7/8		182
Q-2000	109	10 7/8	13 1/2		1 1/8		212
Q-2600	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.

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](http://www.Prop65Warning.ca.gov).

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

Model No.	Fans & Motors	Amps @ 115V	CFM	Cap. @ 25° ST, 10° TD R404A
Q-500	2	0.6	400	5,020
Q-750	2	0.6	800	7,510
Q-1000	3	0.9	943	10,500
Q-1350	3	0.9	1,250	13,500
Q-1640	3	0.9	1,400	16,400
Q-2000	4	1.2	1,650	20,000
Q-2600	4	1.2	2,000	26,000

Motors are 22 watt.

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. Contact LRC Coil's Application Engineers at 562-944-1969 for assistance.

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